

Discovery Report Appendix H

Discovery Meeting Data Worksheets and Stream Matrices

Lake Ontario – Irondequoit-Ninemile Watershed HUC 04140101

July 2016



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

**FEMA****Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**

KHK

Community Risk Map Worksheet

| | | |
|---|--|---------------------------------|
| Please provide the following information | | Date: September 10, 2013 |
| County Name: Jefferson | Community Name/Organization: City of Watertown, Engineering Department | |
| Your Name: Kurt W. Hauk, P.E. | | |
| Your Address: City Hall, 245 Washington St., Suite 305, Watertown NY 13601 | | |
| Daytime Phone: 315-785-7740 | E-mail: khauk@watertown-ny.gov | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

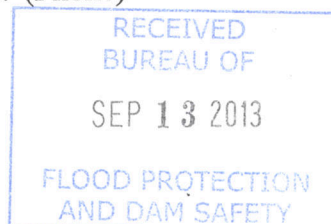
Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rh Herman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA

**Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | | |
|--|--|---|
| County/Municipality/ Organization: | | City of Watertown, Engineering Department |
| Name: Justin Wood. P.E. | | |
| Address: City Hall, 245 Washington St., Suite 305, Watertown NY 13601 | | |
| Daytime Phone: 315-785-7740 | E-mail: jwood@watertown-ny.gov | |
| County/Municipality/ Organization: | | City of Watertown, IT Department |
| Name: Matt Owen | | |
| Address: City Hall, 245 Washington St., Suite 305, Watertown NY 13601 | | |
| Daytime Phone: 315-785-7793 | E-mail: mowen@watertown-ny.gov | |
| County/Municipality/ Organization: | | City of Watertown, Code Enforcement |
| Name: Shawn McWayne | | |
| Address: City Hall, 245 WASHINGTON st., Suite 105, Watertown NY 13601 | | |
| Daytime Phone: 315-785-7735 | E-mail: smcwayne@watertown-ny.gov | |
| County/Municipality/ Organization: | | City of Watertown, Planning Department |
| Name: Ken Mix | | |
| Address: City Hall, 245 Washington St., Suite 304, Watertown NY 13601 | | |
| Daytime Phone: | E-mail: | |
| County/Municipality/ Organization: | | |
| Name: | | |
| Address: | | |
| Daytime Phone: | E-mail: | |



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☒ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Land Use and Soil data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Building footprints: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |



FEMA

**Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> USGS | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Matt Owen |



| Other Data Category | Response Details | Contact for who maintains data |
|---|--|--------------------------------|
| <p>Are there any piped or underground streams within your community?</p> <p>Yes</p> | <p><input checked="" type="checkbox"/> Not Available</p> <p><input type="checkbox"/> Hard Copy</p> <p><input type="checkbox"/> Digital (ie. Shapefile)</p> | Kurt Hauk |
| <p><i>If yes, what is the location? How large is the pipe?</i></p> <p>* LeRay Street</p> | | |
| <p>Relevant reports/ studies that include hydrology and/or hydraulics.</p> <p><i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i></p> | <p><input checked="" type="checkbox"/> Not Available</p> <p><input type="checkbox"/> Hard Copy</p> <p><input type="checkbox"/> Digital (ie. Shapefile)</p> | |
| <p><i>If yes, please provide details and contact.</i></p> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Are the current FEMA Special Flood Hazard Areas accurate for you your community?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i></p> <p><i>Include streams or reaches that should be studied or restudied.</i></p> | |
| <p>Does your community have experience with flood disasters and flood disaster recovery?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i></p> | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



| Historical Data Category | Response Details and Contact |
|--|--|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Huntington Street at the Black River</p> <p>Kurt Hauk</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input checked="" type="checkbox"/> Adopted (year: <u>2008</u>) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p>Posted on website</p> <p>Kurt Hauk</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>Adopted in 1987</p> <p>Ken Mix</p> |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Draft LANRP Erosion Control Plan Ken Mix</p> |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i> Accurate updated flood maps</p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

**FEMA**

Community Risk Map Worksheet

| | | |
|--|--|--------------|
| Please provide the following information | | Date: |
| County Name: LEWIS | Community Name/Organization: LEWIS COUNTY | |
| Your Name: FRANK PACE - <i>County Planning</i> | | |
| Your Address: 7660 NORTH STATE STREET, LOWVILLE, NY 13367 | | |
| Daytime Phone: 315-376-5423 | E-mail: fpace@lewiscountyny.org | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|--|---------|
| County/Municipality/ Organization: Real Property Handles GIS - Not Complete | |
| Name: Some reliance on Tug Hill Commission (w. of 8th St) | |
| Address: Real Prop: Ross Brownell - RBrownell@LewisCountyNY.org | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|--|--------------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | REAL PROPERTY TAX AGENCY |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | ↓ |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |



FEMA



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Real Prop for anything |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | that's available |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | LIMITED |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

L. DAR - ~~with~~ Michelle Billhardt - S.W. Conservation

5. Other Data - Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | State |
| Local survey data Type of Data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data Type of Data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Black River Regulatory Dist go to USGS Real time water levels |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Lowville - T+V - creates flooding problems - Sink hole problems Nicholas has data on this |
| If yes, what is the location? How large is the pipe? from hospital to Railroad - @ 1 mile No name to stream - Concern Re diff. jurisdiction | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | only main culverts Croghan dam study: Glen Gagnier - V. of Croghan + Lewis Co. Dep. Corp. |
| Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements? | | |
| If yes, please provide details and contact. | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied. | DATA COLLECTED BY SOIL AND WATER CONSERVATION [Haz Mit Study - Dec 2016] Current plan from 2011 Mill Creek - Lowville V - part in a gage - no real floodplain Beaver Pond R - full of culverts |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide details. When did areas within your community flood and what areas were impacted? | DETAILS NOT AVAILABLE AT THIS TIME 2010 Flood Disaster - 1997 highest water on Block + Moore Dam melt in 1988 |

Extend Block R Detailed study upstream to/through Lyons Falls

Downstream of existing detail study mostly as
 But extend slightly to Swiss Creek

Beaver R - Croghan needs detail study
 Sugar R - Constantineville - update to detail



FEMA



| Historical Data Category | Response Details and Contact |
|---|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Please provide type of activity and a point of contact.</p> | <p>UNKNOWN AT THIS TIME</p> <p><i>Town did mitigation from 2000 Declaration - Town did their own Tr test</i></p> |
| <p>Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, please provide details for location and a point of contact.</p> | <p>BLACK RIVER AREA</p> <p><i>unsure if anyone captured them's But CK with Donna O'Connor Harry kept local weather data ↳ deceased - Nicholas to CSIC</i></p> |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, please include stream name and location of flooding.</p> | <p>ALONG BLACK RIVER</p> <p><i>CK w/ Regulatory District Re Harris CK w/ hydro operators</i></p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input checked="" type="checkbox"/> Adopted (year: <u>2010</u>)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p>What projects are identified to help reduce the risk of future flood damage?</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, what is the nature of the development?</p> | <p>NOT AT THIS TIME</p> <p><i>pretty static</i></p> |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Please provide details (date of plan and a point of contact).</p> | <p>2010 COMPREHENSIVE PLAN - <i>County-wide plan</i></p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have an Open Space Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | 2010 PLANNING |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | UNKNOWN AT THIS TIME |
| Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | DETAILS CAN BE PROVIDED BY SOIL CONSERVATION |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input checked="" type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> <i>Planning 3D training Sessions</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

County does alot of the towns' code enforcement
(Ward Daily)

2010 Declaration - Spring flood - County did an analysis
of flood extents and structures affected -

FEMA is finalizing the report

**FEMA**

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



Community Risk Map Worksheet

| | | |
|---|---|---------------|
| Please provide the following information | | Date: 9/12/13 |
| County Name: Hamilton | Community Name/Organization: Emergency Services | |
| Your Name: Don Purdy | | |
| Your Address: 102 County View Dr, Lake Pleasant, NY 12108 | | |
| Daytime Phone: 518-548-6223 | E-mail: hamcoem@frontiernet.net | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | | | |
|---------------------------------------|--------------|--|-----------------------------------|
| County/Municipality/ Organization: | | Hamilton County Emergency Services | |
| Name: | | Don Purdy | |
| Address: | | 102 County View Dr., Lake Pleasant, NY 12102 | |
| Daytime Phone: | see front | E-mail: | see front |
| County/Municipality/ Organization: | | HAMILTON COUNTY REAL PROPERTY TAX SERVICES | |
| Name: | | BARRY L. BAKER, DIRECTOR | |
| Address: | | 102 COUNTY VIEW DR., LAKE PLEASANT, NY 12108 | |
| Daytime Phone: | 518-548-5531 | E-mail: | realproperty@hamiltoncountyny.gov |
| County/Municipality/ Organization: | | HAMILTON COUNTY HIGHWAY DEPARTMENT | |
| Name: | | TRACY J. ELDRIDGE, SUPERINTENDENT | |
| Address: | | 2558 ST. RT. 8, LAKE PLEASANT, NY 12108 | |
| Daytime Phone: | 518-548-7141 | E-mail: | highway@hamiltoncountyny.gov |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | | | |
|---------------------------------------|--|--|--|
| County/Municipality/ Organization: | | HAMILTON COUNTY REAL PROPERTY TAX SERVICES | |
| Name: | | BARRY L. BAKER, DIRECTOR | |
| Address: | | 102 COUNTY VIEW DR., LAKE PLEASANT, NY 12108 | |
| Daytime Phone: | | 518-548-5531 | E-mail: realproperty@hamiltoncounty.ny.gov |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☒ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | SEE ABOVE |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) PARTIAL | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) IMAGERY ONLY | |
| Essential / Critical Facilities: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) IMAGERY ONLY | |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <i>N/A</i> <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | HAMILTON COUNTY REAL PROPERTY TAX SERVICES |
| Local survey data <i>Type of Data: RECORDED MAPS</i> | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | HAMILTON COUNTY CLERK AND REAL PROPERTY TAX SERVICES |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



| Other Data Category | Response Details | Contact for who maintains data |
|---|---|---|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | N/A |
| If yes, what is the location? How large is the pipe? | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements? | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) USGS STREAM DATA DOT BRIDGES/CULVERTS | VARIOUS AGENCIES: NYS DOT USGS NYS DEC |
| If yes, please provide details and contact. | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied. | MAPS FOR THE MAJORITY OF HAMILTON COUNTY WERE RECLUDED AND REMAIN UNMAPEED |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No HURRICANE JANE / SANDY If yes, please provide details. When did areas within your community flood and what areas were impacted? | HAMILTON COUNTY EMERGENCY MANAGER G.L. DON PURDY - 518-548-6223 HAMILTON COUNTY HIGHWAY DEPARTMENT TRACY ELDRIDGE - 518-548-7141 |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



| Historical Data Category | Response Details and Contact |
|---|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No ?</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | <p>There may be one in Hope, NY on the Sacandaga River.</p> |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Usually, flooding is an "almost" situation.</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p>Working on one in conjunction with Herkimer County Now.</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Revised 3/13</p> <p>Don Purdy, Emergency Services</p> <p>PO Box 44</p> <p>Lake Pleasant, NY 12108</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> <p>a flood plain map.</p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

NATIONAL FLOOD INSURANCE PROGRAM MAP STATUS - Sorted by Legibility and Lake Ontario or St. Lawrence River Shoreline Proximity

Jefferson County, New York

| <u>Towns</u> | <u>COMMUNITY #</u> | <u>SUFFIX</u> | <u>MAP DATE</u> | <u>MAP SIZE</u> | <u>SCALE</u> | <u>MAP LEDGIBLE?</u> | <u>Lake Ontario or St.Lawrence River Shoreline Proximity</u> | <u>WATERBODY</u> | <u>MAJOR WATERSHED</u> |
|----------------|--------------------|---------------|-----------------|-----------------|--------------|---|--|--|----------------------------------|
| BROWNVILLE - | 361063 | C | 6/2/1992 | 11" x 17" | 1" = 500' | No elevations established, limited legibility | Lake Ontario Shoreline | Perch River, Black River, Chaumont River | Lake Ontario |
| CAPE VINCENT - | 361062 | C | 6/2/1992 | 11" x 17" | 1" = 2,000' | No elevations established, limited legibility | Lake Ontario Shoreline | Lake Ontario, St. Lawrence River | Lake Ontario, St. Lawrence River |
| ALEXANDRIA - | 360326 | C | 10/15/1985 | 11" x 17" | 1" = 2,000' | No elevations established, limited legibility | St. L. River Shoreline | St. Lawrence River, Otter and Mullet Creeks | St. Lawrence River |
| CLAYTON - | 360330 | C | 4/2/1986 | 11" x 17" | 1" = 2,000' | No elevations established, limited legibility | St. L. River Shoreline | French Creek, Chaumont River, Mullet Creek | Lake Ontario, St. Lawrence River |
| PHILADELPHIA - | 360347 | B | 6/5/1989 | 3' x 4' | 1" = 1,000' | No elevations established | Inland | Indian River, Black Creek | Indian River, Black Creek |
| ADAMS - | 360324 | C | 6/5/1985 | 11" x 17" | 1" = 1,000' | No elevations established, limited legibility | Inland | Sandy Creek, Stony Creek | Lake Ontario |
| ANTWERP - | 361560 | B | 4/15/1986 | 11" x 17" | 1" = 2,000' | No elevations established, limited legibility | Inland | Indian River, Oswegatchie River | Indian and Oswegatchie Rivers |
| RODMAN - | 360349 | B | 7/3/1985 | 11" x 17" | 1" = 2,000' | No elevations established, limited legibility | Inland | Sandy, Stony, and South Sandy Creeks | Lake Ontario |
| THERESA - | 360352 | C | 10/15/1985 | 11" x 17" | 1" = 1,500' | No elevations established, limited legibility | Inland | Indian River, Perch River, Oswegatchie River | Lake Ontario, St. Lawrence River |
| ELLISBURG | 360334 | C | 5/18/1992 | 3' x 4' | 1" = 1,000' | With elevations, legible | Lake Ontario Shoreline | Sandy, South Sandy, Skinner Creeks | Lake Ontario |
| HENDERSON | 360338 | B | 5/18/1992 | 3' x 4' | 1" = 500' | With elevations, legible | Lake Ontario Shoreline | Bedford, Stony and Little Stony Creeks | Lake Ontario |
| HOUNSFIELD | 360340 | D | 5/18/1992 | 3' x 4' | 1" = 500' | With elevations, legible | Lake Ontario Shoreline | Mill, Muskellunge, and Bedford Creeks | Lake Ontario |
| LYME | 360343 | C | 9/2/1993 | 3' x 4' | 1" = 2,000' | With elevations, legible | Lake Ontario Shoreline | Chaumont River | Lake Ontario |
| ORLEANS | 360345 | | 3/1/1978 | 3' x 4' | 1" = 1,000' | With elevations, legible | St. L. River Shoreline | Mullett Creek, Chaumont River, Perch River | Lake Ontario |
| CHAMPION | 360328 | E | 6/2/1993 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black River, Sandy Creek | Black River |
| LERAY | 360341NDO | E | 2/2/2002 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black River, Indian River, and Perch River | Black River, Lake Ontario |
| PAMELIA | 360346 | E | 1/2/1992 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Perch River, Kelsey Creek, Black River | Black River, Lake Ontario |
| RUTLAND | 360350 | D | 8/18/1992 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Sandy Creek and Black River | Black River, Lake Ontario |
| WATERTOWN | 360355 | D | 9/30/1987 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black River, Mill Creek | Black River, Lake Ontario |
| WILNA | 360357 | D | 1/16/1992 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black Creek, Black River | Black River |
| LORRAINE | 360453 | | 10/17/1975 | | | RESCINDED | | | |
| WORTH | 361409 | B | | | | RESCINDED | | | |
| <u>City</u> | | | | | | | | | |
| WATERTOWN CITY | 360354 | F | 8/2/1993 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black River, Mill Creek | Black River, Lake Ontario |

| <u>Villages</u> | <u>COMMUNITY #</u> | <u>SUFFIX</u> | <u>MAP DATE</u> | <u>MAP SIZE</u> | <u>SCALE</u> | <u>MAP LEDGIBLE?</u> | <u>Lake Ontario or St.Lawrence River Shoreline Proximity</u> | <u>WATERBODY</u> | <u>MAJOR WATERSHED</u> |
|-----------------|--------------------|---------------|-----------------|-----------------|--------------|---|--|----------------------------------|------------------------|
| CAPE VINCENT - | 361574 | B | 4/17/1985 | 11" x 17" | 1" = 800' | No elevations established, limited legibility | St. L. River Shoreline | St. Lawrence River | St. Lawrence River |
| ELLISBURG - | 360335 | B | 6/19/1985 | 11" x 17" | 1" = 800' | No elevations established, limited legibility | Inland | Sandy and South Sandy Creeks | Lake Ontario |
| BLACK RIVER - | 361525 | C | 6/5/1989 | 3' x 4' | 1" = 400' | No elevations established | Inland | Black River | Black River |
| ADAMS - | 360325 | C | 6/19/1985 | 11" x 17" | 1" = 800' | No elevations established, limited legibility | Inland | Sandy Creek | Lake Ontario |
| BROWNVILLE - | 361576 | B | 3/18/1986 | 11" x 17" | 1" = 500' | No elevations established, limited legibility | Inland | Black River | Black River |
| THERESA - | 360353 | B | 10/15/1985 | 11" x 17" | 1" = 800' | No elevations established, limited legibility | Inland | Indian River | Indian River |
| MANNNSVILLE | No Map | | | | | No Map | Inland | | |
| ALEXANDRIA BAY | 360327 | B | 4/3/1978 | 3' x 4' | 1"= 400' | With elevations, legible | St. L. River Shoreline | St. Lawrence River, Otter Creek | St. Lawrence River |
| CARTHAGE | 360995 | C | 6/17/1991 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black River, Black Creek | Black River |
| CHAUMONT | 360329 | C | 9/8/1999 | 3' x 4' | 1" = 500' | With elevations, legible | Lake Ontario Shoreline | Chaumont River | Lake Ontario |
| CLAYTON | 360331 | B | 12/1/1977 | 3' x 4' | 1" = 400' | With elevations, legible | St. L. River Shoreline | French Creek, St. Lawrence River | St. Lawrence River |
| DEXTER | 360333 | C | | 3' x 4' | 1" = 400' | With elevations, legible | Lake Ontario Shoreline | Black River | Black River |
| EVANS MILLS | 360337 | E | 1/2/1992 | 3' x 4' | 1" = 400' | With elevations, legible | Inland | Indian River | Indian River |
| HERRINGS | 360339 | B | 12/18/1985 | 3' x 4' | 1" = 400' | With elevations, legible | Inland | Black River | Black River |
| PHILADELPHIA | 360348 | C | 9/15/1990 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Indian River, Black Creek | Indian River |
| SACKETS HARBOR | 360351 | C | 5/2/1994 | 3' x 4' | 1" = 500' | With elevations, legible | Lake Ontario Shoreline | Bedford Creek, Mill Creek | Lake Ontario |
| WEST CARTHAGE | 360356 | C | 9/28/1990 | 3' x 4' | 1" = 500' | With elevations, legible | Inland | Black River | Black River |
| ANTWERP | 361554 | C | 12/19/1984 | | | RESCINDED | | | |
| DEFERIET | 360332 | A | | | | RESCINDED | | | |
| GLEN PARK | 360336 | A | | | | RESCINDED | | | |

Bill



FEMA



Community Risk Map Worksheet

| | | |
|--|-----------------------------------|-------|
| Please provide the following information | | Date: |
| County Name: Jefferson Co | Community Name/Organization: F | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|---|
| County/Municipality/ Organization: <i>County officials in meeting</i> <i>Jefferson County Planning Dept</i> | |
| Name: <i>Michelle Bunny</i> | |
| Address: <i>175 Arsenal St, Watertown, NY 13601</i> | |
| Daytime Phone: <i>315-785-3144</i> | E-mail: <i>michelleb@co.jefferson.ny.us</i> |
| County/Municipality/ Organization: <i>Jefferson County Planning Dept.</i> | |
| Name: <i>Andy Neri</i> | |
| Address: <i>175 Arsenal St. Watertown, NY 13601</i> | |
| Daytime Phone: <i>315-785-3144</i> | E-mail: <i>andyn@co.jefferson.ny.us</i> |
| County/Municipality/ Organization: <i>Jefferson County Soil & Water Conservation District</i> | |
| Name: <i>Christine Watkins</i> | |
| Address: <i>Po Box 139 Watertown NY 13601</i> | |
| Daytime Phone: <i>315-782-2749</i> | E-mail: <i>cwatkins@centralny.twcbc.com</i> |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|--|-------------------------------|
| County/Municipality/ Organization: | |
| Name: <i>Michelle Blevins (See address list)</i> | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: <i>Clayton T. Lee & Strong GIS unit -</i> | |
| Address: <i>Watertown C has a Strong GIS unit in engineering</i> | |
| Daytime Phone: | E-mail: <i>→ Matthew Owen</i> |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|--|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <i>Michelle Blevins</i> |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <i>Road Pro</i> |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <i>State - Roads & Rail</i> |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <i>Parcel layer on land use</i> |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>All soil data set</i> |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>AO - Parcel</i> |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>Zoning - digital & some paper -</i> |
| | | <i>NO / Watertown C MAY have it</i> |
| | | <i>CK HAZ mitigation plan - on paper</i> |
| | | <i>And, to CK on planning stage</i> |
| | | <i>NO</i> |

42 muni's with zoning - Co. does mapping
Have list on spreadsheet of zoning by comm. w/ contacts



FEMA



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|--|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | NO |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | see maps - have a bunch but not digitized - Cape Vincent may have it digitized |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | There are co's that have proposed wind towers |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | See map |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | See print? |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Currently digitizing 2011 shoreline - Big project! |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | no data |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Bluffs are in Henderson & Sackets Harbor V. Some of Pilon Pt is c 61-66 - to Brownville |

5. Other Data - Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|---|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | there are some / unsure of who contact Joe Plummer - Emergency mgmt |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | State (Levees may be part of dam systems - Blount Indian & H7020) |
| Local survey data Type of Data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | NO - just B.L.R. Corridor |
| Local flood gage data or rain gage data Type of Data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | NO |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|---|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | NO |
| If yes, what is the location? How large is the pipe? | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | don't know |
| If yes, please provide details and contact. | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied. | Dexter V has Dec Annexation Mich Abu Canthage + Philadelphia Michelle to send layer Provided spreadsheet of stream study Histo |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide details. When did areas within your community flood and what areas were impacted? | Historic flooding Canthage + w Canthage Clony Rt 3 Some low bridges in Adams - unusual Follow up w Joe Plummer on From Lampman (unreliable) |



FEMA



| Historical Data Category | Response Details and Contact |
|--|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | <p>Clayton V. Stam sewer enhancements 2011</p> |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | <p>Unknown</p> |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Black River - esp Dexter Rt 3 between Clinton town + Black River - with dory, dunes + levees near V. of Black River - levees are part of hydro dam system (1) NHL Grid land + Brookfield Power</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p>2011 plan</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | <p>Black River, Carthage, Evans Mills, TN, Lanes, growing - Ft. Drum Related</p> |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>As per map of Local Comprehensive plan status</p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p><i>Agric. protection plan 2002 Co. working on update</i></p> |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p><i>MS4's along Black R. Consider Contribute to Watershed to Date & communities Soil + water Coordinating new MS4 areas</i></p> |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p><i>County has date layer of where this is</i></p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p><i>Black River Watershed Mgmt Plan CK WI Lewis Co Soil + Water</i></p> |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Issue: digital maps must have metadata

1000 islands with yr name population:

Wellesley Is

Grindstone Island

San Michelle data layer of the county-wide map

JEFFERSON COUNTY COOPERATIVE STORMWATER GROUP

*Towns of LeRay, Rutland, Watertown
Villages of Black River, Brownville, Carthage, Dexter, West Carthage
City of Watertown*

Agenda

October 22, 2013, 1 pm, Village of Black River offices

1. Introductions
2. Resolutions/Letters of intent update
 - a. Complete: Town of LeRay, Village of Brownville, Village of Black River
Waiting for T/C of Watertown, T of Rutland
3. Grant writing subcommittee update
4. Presentation:

Geoff Benway, Engineer, Town of Penfield
Todd Stevenson, Monroe County Storm Water Coordinator
5. Next meeting date – week of November 18th?
Nov. 20/21

Herman, Rachael

From: Andy Nevin [andyn@co.jefferson.ny.us]
Sent: Thursday, October 03, 2013 2:38 PM
To: Herman, Rachael
Cc: 'Donald Canfield'; michelleb@co.jefferson.ny.us; josephp@co.jefferson.ny.us
Subject: Jefferson County feedback
Attachments: Map Status Jefferson County.xls

Rachael,

I'm attaching a spreadsheet listing Jefferson County FIRM/FEMA maps indicating their status. As I mentioned during our webinar conference call on September 16, several are very difficult to determine boundary locations in relation to properties and/or buildings due to scale, lack of landmarks, flood elevations not determined, etc for quite a few of our Towns and Villages.

I spoke with Joe Plummer, Director of Fire and Emergency Management who knew of several areas of recent (within the past few years) flooding:

1. NYS Route 3 corridor in the Town of Wilna and in the Village of Carthage;
2. West Carthage low lying areas.
3. Village of Alexandria Bay during heavy rainfall events - possible storm sewer overflows.

He also said that while Mannsville may not be part of the program, two waterways exist in the Village: Skinner Creek and Mill Pond, both of which are in the center of the Village.

Feel free to contact me for clarification of any map status question or if you'd like me to scan and send examples of our current maps.

Andy R. Nevin, AICP
Senior Planner

Jefferson County Department of Planning
175 Arsenal Street
Watertown, NY 13601

(315)785-3144
(315)785-5092 fax

Flood Insurance Program Maps - Jefferson County
NATIONAL FLOOD INSURANCE PROGRAM MAP STATUS

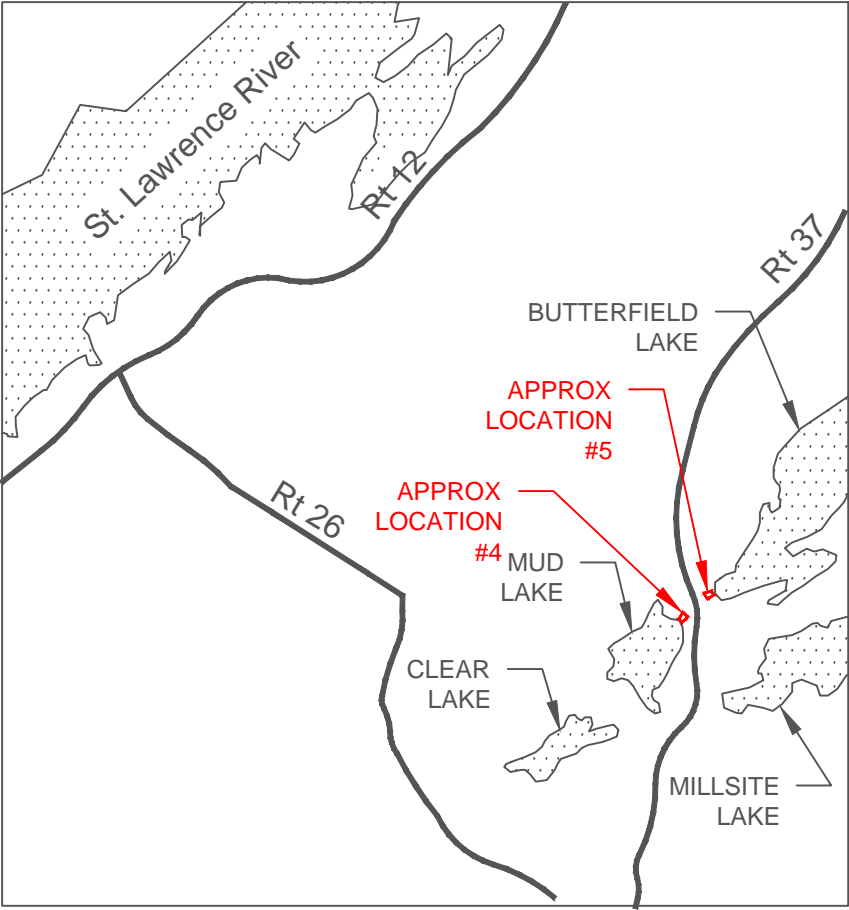
| <u>Villages</u> | <u>COMMUNITY #</u> | <u>SUFFIX</u> | <u>MAP DATE</u> | <u>MAP SIZE</u> | <u>SCALE</u> | <u>REMARKS</u> | <u>WATERBODY</u> | <u>MAJOR WATERSHED</u> |
|-----------------|--------------------|---------------|-----------------|-----------------|--------------|--|----------------------------------|------------------------|
| ADAMS - | 360325 | C | 6/19/1985 | 11" x 17" | 1" = 800' | No elevations established, limited ledgibility | Sandy Creek | Lake Ontario |
| ALEXANDRIA BAY | 360327 | B | 4/3/1978 | 3' x 4' | 1"= 400' | With elevations, ledgible | St. Lawrence River, Otter Creek | St. Lawrence River |
| ANTWERP | 361554 | C | 12/19/1984 | | | RESCINDED | | |
| BLACK RIVER - | 361525 | C | 6/5/1989 | 3' x 4' | 1" = 400' | No elevations established | Black River | Black River |
| BROWNVILLE - | 361576 | B | 3/18/1986 | 11" x 17" | 1" = 500' | No elevations established, limited ledgibility | Black River | Black River |
| CAPE VINCENT - | 361574 | B | 4/17/1985 | 11" x 17" | 1" = 800' | No elevations established, limited ledgibility | St. Lawrence River | St. Lawrence River |
| CARTHAGE | 360995 | C | 6/17/1991 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black River, Black Creek | Black River |
| CHAUMONT | 360329 | C | 9/8/1999 | 3' x 4' | 1" = 500' | With elevations, ledgible | Chaumont River | Lake Ontario |
| CLAYTON | 360331 | B | 12/1/1977 | 3' x 4' | 1" = 400' | With elevations, ledgible | French Creek, St. Lawrence River | St. Lawrence River |
| DEFERIET | 360332 | A | | | | RESCINDED | | |
| DEXTER | 360333 | C | | 3' x 4' | 1" = 400' | With elevations, ledgible | Black River | Black River |
| ELLISBURG - | 360335 | B | 6/19/1985 | 11" x 17" | 1" = 800' | No elevations established, limited ledgibility | Sandy and South Sandy Creeks | Lake Ontario |
| EVANS MILLS | 360337 | E | 1/2/1992 | 3' x 4' | 1" = 400' | With elevations, ledgible | Indian River | Indian River |
| GLEN PARK | 360336 | A | | | | RESCINDED | | |
| HERRINGS | 360339 | B | 12/18/1985 | 3' x 4' | 1" = 400' | With elevations, ledgible | Black River | Black River |
| MANNSVILLE | No Map | | | | | No Map | | |
| PHILADELPHIA | 360348 | C | 9/15/1990 | 3' x 4' | 1" = 500' | With elevations, ledgible | Indian River, Black Creek | Indian River |
| SACKETS HARBOR | 360351 | C | 5/2/1994 | 3' x 4' | 1" = 500' | With elevations, ledgible | Bedford Creek, Mill Creek | Lake Ontario |
| THERESA - | 360353 | B | 10/15/1985 | 11" x 17" | 1" = 800' | No elevations established, limited ledgibility | Indian River | Indian River |
| WEST CARTHAGE | 360356 | C | 9/28/1990 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black River | Black River |

Towns

| | | | | | | | | |
|----------------|--------|---|------------|-----------|-------------|--|--|----------------------------------|
| ADAMS - | 360324 | C | 6/5/1985 | 11" x 17" | 1" = 1,000' | No elevations established, limited ledgibility | Sandy Creek, Stony Creek | Lake Ontario |
| ALEXANDRIA - | 360326 | C | 10/15/1985 | 11" x 17" | 1" = 2,000' | No elevations established, limited ledgibility | St. Lawrence River, Otter and Mullet Creeks | St. Lawrence River |
| ANTWERP - | 361560 | B | 4/15/1986 | 11" x 17" | 1" = 2,000' | No elevations established, limited ledgibility | Indian River, Oswegatchie River | Indian and Oswegatchie Rivers |
| BROWNVILLE - | 361063 | C | 6/2/1992 | 11" x 17" | 1" = 500' | No elevations established, limited ledgibility | Perch River, Black River, Chaumont River | Lake Ontario |
| CAPE VINCENT - | 361062 | C | 6/2/1992 | 11" x 17" | 1" = 2,000' | No elevations established, limited ledgibility | Lake Ontario, St. Lawrence River | Lake Ontario, St. Lawrence River |
| CHAMPION | 360328 | E | 6/2/1993 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black River, Sandy Creek | Black River |
| CLAYTON - | 360330 | C | 4/2/1986 | 11" x 17" | 1" = 2,000' | No elevations established, limited ledgibility | French Creek, Chaumont River, Mullet Creek | Lake Ontario, St. Lawrence River |
| ELLISBURG | 360334 | C | 5/18/1992 | 3' x 4' | 1" = 1,000' | With elevations, ledgible | Sandy, South Sandy, Skinner Creeks | Lake Ontario |
| HENDERSON | 360338 | B | 5/18/1992 | 3' x 4' | 1" = 500' | With elevations, ledgible | Bedford, Stony and Little Stony Creeks | Lake Ontario |
| HOUSFIELD | 360340 | D | 5/18/1992 | 3' x 4' | 1" = 500' | With elevations, ledgible | Mill, Muskellunge, and Bedford Creeks | Lake Ontario |
| LERAY | 360341 | E | 2/2/2002 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black River, Indian River, and Perch River | Black River, Lake Ontario |
| LORRAINE | 360453 | | 10/17/1975 | | | RESCINDED | | |
| LYME | 360343 | C | 9/2/1993 | 3' x 4' | 1" = 2,000' | With elevations, ledgible | Chaumont River | Lake Ontario |
| ORLEANS | 360345 | | 3/1/1978 | 3' x 4' | 1" = 1,000' | With elevations, ledgible | Mullett Creek, Chaumont River, Perch River | Lake Ontario |
| PAMELIA | 360346 | E | 1/2/1992 | 3' x 4' | 1" = 500' | With elevations, ledgible | Perch River, Kelsey Creek, Black River | Black River, Lake Ontario |
| PHILADELPHIA - | 360347 | B | 6/5/1989 | 3' x 4' | 1" = 1,000' | No elevations established | Indian River, Black Creek | Indian River, Black Creek |
| RODMAN - | 360349 | B | 7/3/1985 | 11" x 17" | 1" = 2,000' | No elevations established, limited ledgibility | Sandy, Stony, and South Sandy Creeks | Lake Ontario |
| RUTLAND | 360350 | D | 8/18/1992 | 3' x 4' | 1" = 500' | With elevations, ledgible | Sandy Creek and Black River | Black River, Lake Ontario |
| THERESA - | 360352 | C | 10/15/1985 | 11" x 17" | 1" = 1,500' | No elevations established, limited ledgibility | Indian River, Perch River, Oswegatchie River | Lake Ontario, St. Lawrence River |
| WATERTOWN | 360355 | D | 9/30/1987 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black River, Mill Creek | Black River, Lake Ontario |
| WILNA | 360357 | D | 1/16/1992 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black Creek, Black River | Black River |
| WORTH | 361409 | B | | | | RESCINDED | | |

City

| | | | | | | | | |
|-----------|--------|---|----------|---------|-----------|---------------------------|-------------------------|---------------------------|
| WATERTOWN | 360354 | F | 8/2/1993 | 3' x 4' | 1" = 500' | With elevations, ledgible | Black River, Mill Creek | Black River, Lake Ontario |
|-----------|--------|---|----------|---------|-----------|---------------------------|-------------------------|---------------------------|



NOTES

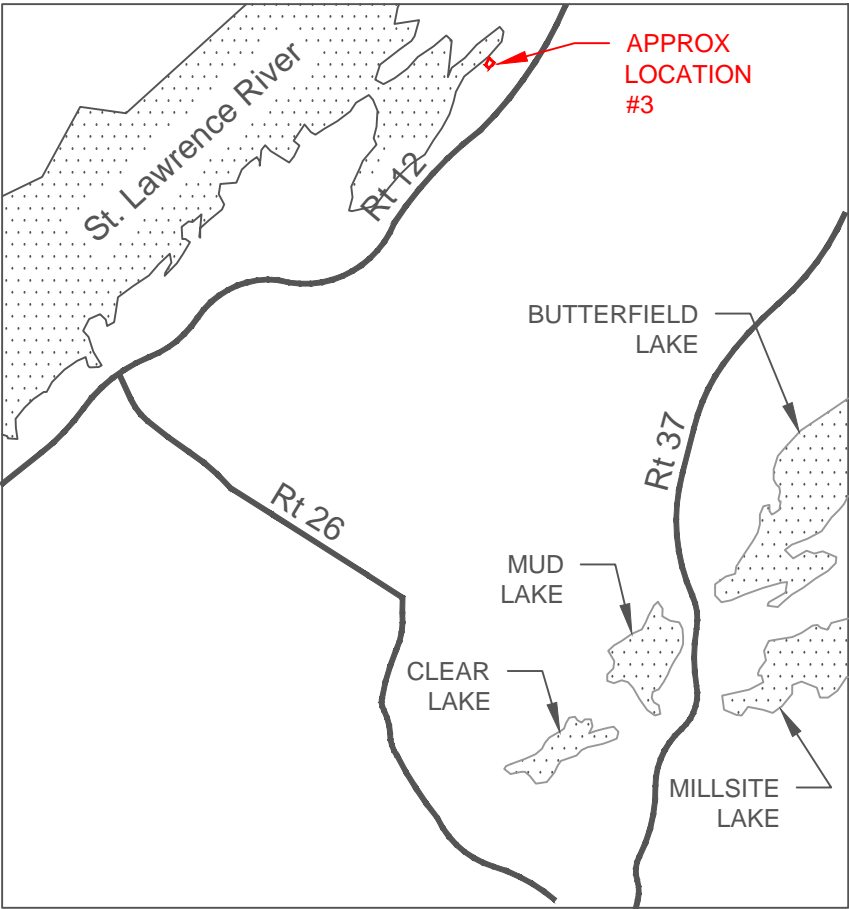
ST LAWRENCE ENGINEERING DPC
MUNICIPAL AND COMMERCIAL ENGINEERING AND DESIGN

17493 BLIND BAY ROAD, CLAYTON NY 13624
WWW.STLAWRENCEENGINEERING.COM
315/783-6384- 315/408-7443

FOURTH COAST INC
MUNICIPAL CONSULTING - PROJECT DEVELOPMENT AND MANAGEMENT - CONSTRUCTION MANAGEMENT
ENVIRONMENTAL CONSULTING - RENEWABLE ENERGY SYSTEMS AND INSTALLATION

17493 BLIND BAY ROAD, CLAYTON NEW YORK 13624
WWW.FOURTHCOAST.COM 315/408-7443
A NYS CERTIFIED WOMEN OWNED BUSINESS ENTERPRISE

| | | | | |
|------------------|--|-----------------|---------------|------------|
| PROJECT: FEMA | DATE: 06/26/2013 | | | |
| | DRAWN: JLB | CHECKED: RJC | SCALE: NTS | REVISIONS: |
| | DRAWING TITLE: SITE LOCATION 4 & 5 | | | |



NOTES

ST LAWRENCE ENGINEERING DPC
MUNICIPAL AND COMMERCIAL ENGINEERING AND DESIGN

17493 BLIND BAY ROAD, CLAYTON NY 13624
WWW.STLAWRENCEENGINEERING.COM
315/783-6384 315/408-7443

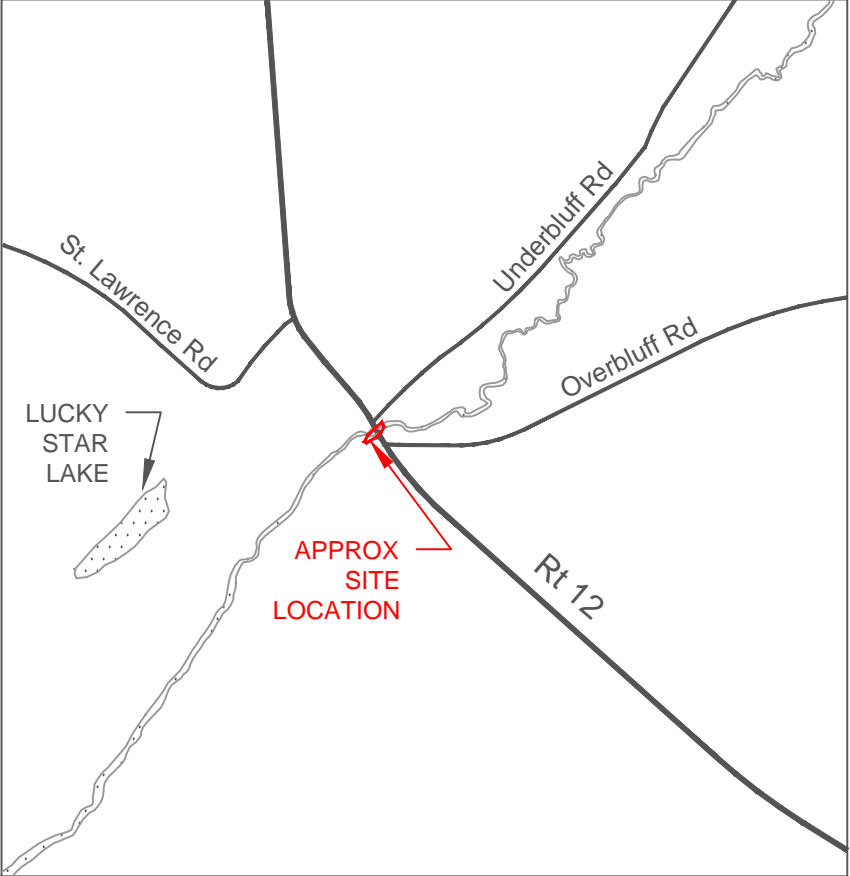
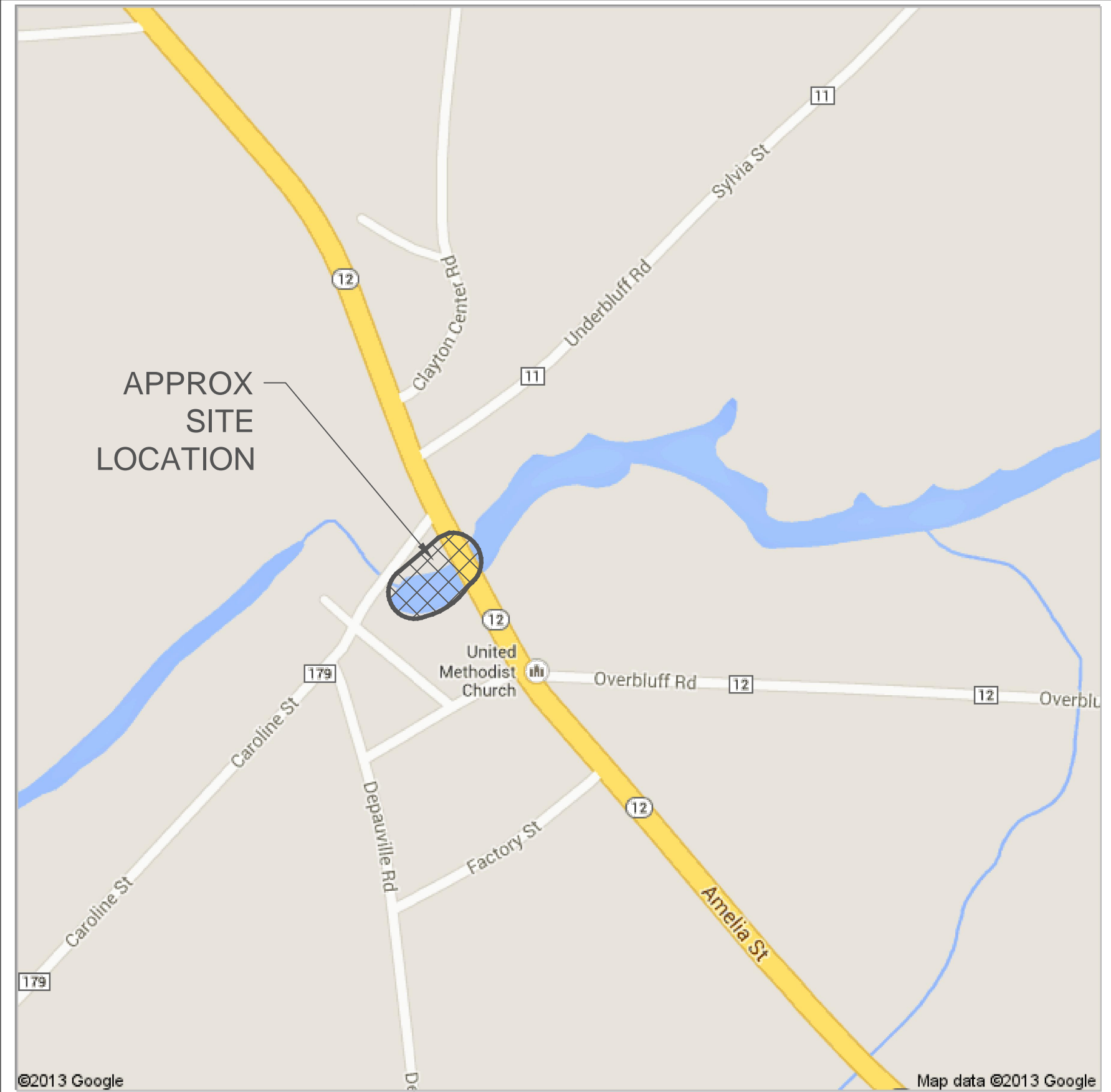
FOURTH COAST INC
MUNICIPAL CONSULTING - PROJECT DEVELOPMENT AND MANAGEMENT - CONSTRUCTION MANAGEMENT
ENVIRONMENTAL CONSULTING - RENEWABLE ENERGY SYSTEMS AND INSTALLATION

17493 BLIND BAY ROAD, CLAYTON NEW YORK 13624
WWW.FOURTHCOAST.COM 315/408-7443
A NYS CERTIFIED WOMEN OWNED BUSINESS ENTERPRISE

PROJECT: FEMA

DATE: 06/26/2013
DRAWN: JLB
CHECKED: RJC
SCALE: NTS

DRAWING TITLE:
SITE LOCATION
3



ST LAWRENCE ENGINEERING DPC
MUNICIPAL AND COMMERCIAL ENGINEERING AND DESIGN

17493 BLIND BAY ROAD, CLAYTON NY 13624
WWW.STLAWRENCEENGINEERING.COM
315/783-6384- 315/408-7443

FOURTH COAST INC
MUNICIPAL CONSULTING - PROJECT DEVELOPMENT AND MANAGEMENT - CONSTRUCTION MANAGEMENT
ENVIRONMENTAL CONSULTING - RENEWABLE ENERGY SYSTEMS AND INSTALLATION

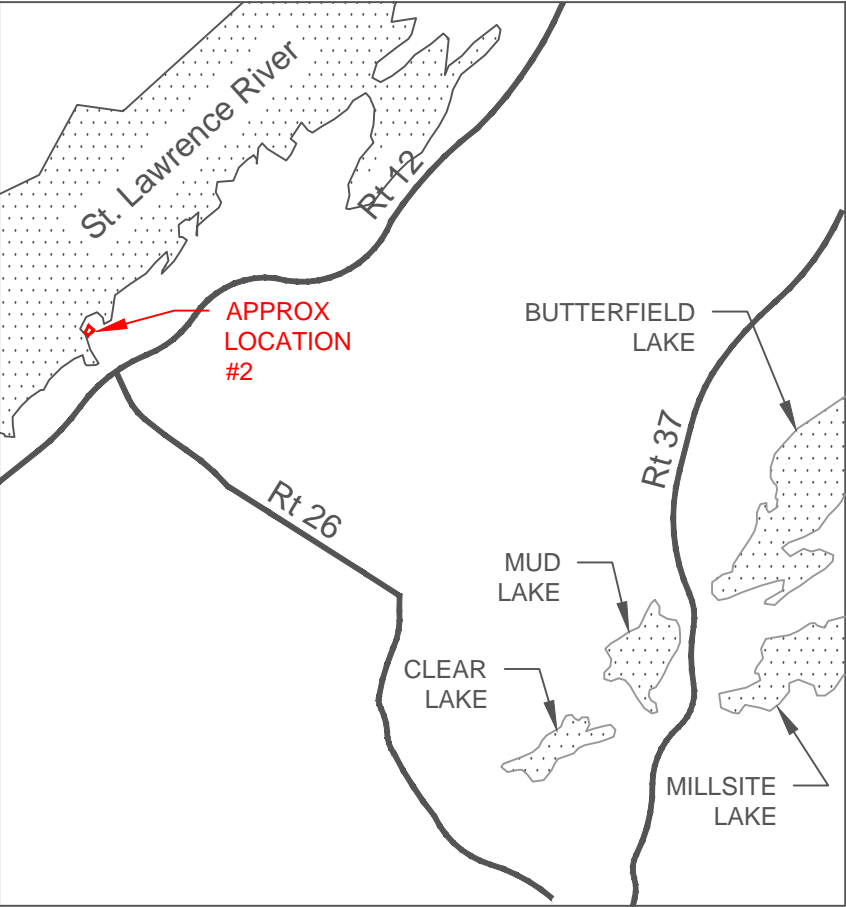
17493 BLIND BAY ROAD, CLAYTON NEW YORK 13624
WWW.FOURTHCOAST.COM 315/408-7443
A NYS CERTIFIED WOMEN OWNED BUSINESS ENTERPRISE

| | | | | |
|------------|------------------|------------|--------------|------------|
| PROJECT: | FEMA | | | |
| | DATE: 06/26/2013 | DRAWN: JLB | CHECKED: RJC | SCALE: NTS |
| REVISIONS: | | | | |

DRAWING TITLE:

SITE
LOCATION

1



NOTES

ST LAWRENCE ENGINEERING, DPC
MUNICIPAL AND COMMERCIAL ENGINEERING AND DESIGN

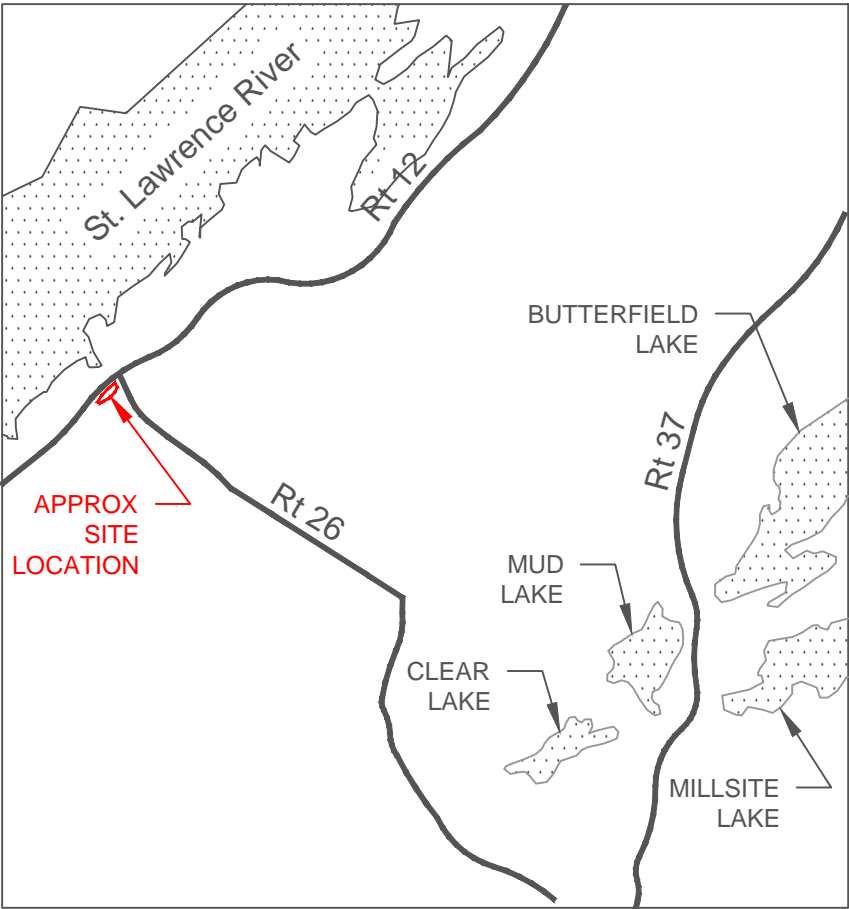
17493 BLIND BAY ROAD, CLAYTON NY 13624
WWW.STLAWRENCEENGINEERING.COM
315/783-6384- 315/408-7443

FOURTH COAST INC

MUNICIPAL CONSULTING, PROJECT DEVELOPMENT AND MANAGEMENT, CONSTRUCTION MANAGEMENT
ENVIRONMENTAL CONSULTING, RENEWABLE ENERGY SYSTEMS AND INSTALLATION

17493 BLIND BAY ROAD, CLAYTON NEW YORK 13624
WWW.FOURTHCOAST.COM 315/408-7443
A NYS CERTIFIED WOMEN OWNED BUSINESS ENTERPRISE

| | | | | |
|----------------|------------------|------------|--------------|------------|
| PROJECT: | FEMA | | | |
| | DATE: 06/26/2013 | DRAWN: JLB | CHECKED: RJC | SCALE: NTS |
| DRAWING TITLE: | | | | |
| SITE LOCATION | | | | |
| 2 | | | | |



FEMA

PROJECT:

SITE
LOCATION

1

| | | | |
|------------------|------------|--------------|------------|
| DATE: 06/26/2013 | DRAWN: JLB | CHECKED: RJC | SCALE: NTS |
| REVISIONS: | | | |

Greig, Town of

FIS - n/a
FIS REV.

FIRM - 5/15/1985

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|----------------------------------|--------------------|--------------------|---------------------------------------|--|------------------|--------------|---------------------------|------------------------------|
| Ponding Area | A | n/a | N.E. Corp. Limits | | | | | |
| Unnamed Trib. 1 To Crooked Creek | A | n/a | N.Corp. Limits | N. Corp. Limits | N | | No residents | |
| Crooked Creek | A | n/a | Confl. w/Otter Creek | N.E Corp. Limits | N | | " " | |
| Yellow Creek | A | n/a | Confl. w/Crooked Creek | Approx. 9,000' u/s | | | | |
| Ponding Area | A | n/a | Confl. w/Crooked Creek | | | | | |
| Unnamed Trib. 2 to Crooked Creek | A | n/a | Confl. w/Crooked Creek | Approx. 6,250' u/s | N | | No Residents. | |
| Independence River | A | n/a | N. Corp. Limits | Approx. 22,715' u/s to N. Corp. Limits | N | | | |
| Ponding Area | A | n/a | N. Corp. Limits at Independence River | | | | | |
| Ponding Area | A | n/a | Independence River to Black River | | | | | |
| Black River | A | n/a | N.W. Corp. Limits | S.W. Corp. Limits | Y | D | Regular flooding, damage | |
| Otter Creek | A | n/a | Confl. w/Black River | E. Corp. Limits | N | | | |
| Unnamed Trib. 1 to Otter Creek | A | n/a | Confl. w/Otter Creek | Approx. 3,000' u/s N. of Dolgeville Road | N | | | |
| Tommy Roaring Creek | A | n/a | Confl. w/Otter Creek | Approx. 10,030' u/s | N | | | |
| Unnamed Trib. 2 to Otter Creek | A | n/a | Confl. w/Otter Creek | Approx. 3,000' u/s N. of Partridge Road | N | | | |

Notes: Update study types for reaches to be upgraded.
Cross out and update study limits for reaches to be upgraded.
Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
Please Prioritize the Studies!

Greig, Town of

FIS - n/a
FIS REV.

FIRM - 5/15/1985

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|---|--------------------|--------------------|---|---|------------------|--------------|-----------------------------|------------------------------|
| Unnamed Trib. 1 to Black River | A | n/a | Confl. w/Black River | Approx. 8,775' u/s E. of Greig Road | Y | | | |
| Unnamed Trib. 1 to Unnamed Trib. 1 to Black River | A | n/a | Confl. w/Unnamed Trib. 1 To Black River | Approx. 6,000' u/s S. of Eatonville Road | Y | | | |
| Unnamed Trib. 2 to Unnamed Trib. 1 to Black River | A | n/a | Confl. w/Unnamed Trib. 1 to Black River | Approx. 5,500' u/s E. of Greig Road | Y | | | |
| Unnamed Trib. 2 to Black River | A | n/a | Confl. w/Black River | Approx. 1,600' u/s S. of Sweeney Road | Y | | | |
| Fish Creek | A | n/a | Confl. w/Black River | Approx. 31,900' u/s S. of Steam Mill Road | Y | | Approaching Black River. | |
| Unnamed Trib. 1 to Fish Creek | A | n/a | Confl. w/Fish Creek | Approx. 6,500' u/s | N | | | |
| Unnamed Trib. To Unnamed Trib. 1 to Fish Creek | A | n/a | Confl. w/Unnamed Trib. 1 to Fish Creek | Approx. 1,550' u/s | N | | | |
| Unnamed Trib. 2 to Fish Creek | A | n/a | Confl. w/Fish Creek | Confl. w/Lily Pond | N | | | |
| Unnamed Trib. 3 to Fish Creek | A | n/a | Confl. w/Fish Creek | Approx. 5,750' u/s N. of Steam Mill Road | N | | | |
| Lily Pond | A | n/a | S. of Bratingham Lake | | N | | Controlled by dam. | |
| Bratingham Lake | A | n/a | S. of North Shore Road | | Y | | Map mod suggested (new lps) | |
| Unnamed Trib. 3 to Black River | A | n/a | Confl. w/Black River | Approx. 3,750' u/s E. of River Road | | | | |
| Unnamed Trib. 4 to Black River | A | n/a | Confl. w/Black River | S.W. Corp. Limits | | | | |
| Pine Creek | A | n/a | S. Corp. Limits | Approx. 10,000' u/s N. of Abbey Road | N | | | |

Notes: Update study types for reaches to be upgraded.
Cross out and update study limits for reaches to be upgraded.
Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
Please Prioritize the Studies!

Greig, Town of

FIS - n/a
FIS REV.

FIRM - 5/15/1985

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|---------------------------------|--------------------|--------------------|-------------------------|----------------------------------|------------------|--------------|---------------------------------|------------------------------|
| Unnamed Trib. 1 To Pine Creek | A | n/a | Confl. w/Pine Creek | Approx. 4,000' u/s to Abbey Road | N | | | |
| Unnamed Trib. 2 to Pine Creek | A | n/a | Confl. w/Pine Creek | Approx. 1,750' u/s | N | | | |
| Drunkard Creek | A | n/a | Confl. w/Pine Creek | Approx. 11,000' u/s | N | | No homes | |
| Unnamed Trib. To Drunkard Creek | A | n/a | Confl. w/Drunkard Creek | Approx. 2,000' u/s | N | | | |
| Copper Lake | | | | | Y | | Properties effected by flooding | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Notes: Update study types for reaches to be upgraded.
 Cross out and update study limits for reaches to be upgraded.
 Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
 Please Prioritize the Studies!

✓ (P.K.H)

FIS - n/a
FIS REV.

FIRM - 6/19/1985

[illegible]

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
Please Prioritize the Studies!

Lewis Co. 11/13/2013

Osceola, Town of ✓ entered in spreadsheet

FIS - n/a
FIS REV.

FIRM - 6/30/1976

pg 1 has been scanned as part of data worksheet - this needs to be added

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|---------------------------------|--------------------|--------------------|--------------------------------------|--|------------------|--------------|--|------------------------------|
| Baker Brook | A | n/a | Confl. w/Salmon River | Approx. 4,250' u/s | | | | |
| Ponding Area | A | n/a | Samon River W. of North Osceola Road | | | | | |
| Unnamed Trib. 1 to Salmon River | A | n/a | Confl. w/Salmon River | Approx. 2,250' u/s W. of North Osceola Road | | | | |
| Unnamed Trib. 2 to Salmon River | A | n/a | Confl. w/Salmon River | Approx. 1,250' u/s W. of Florence Road | | | | |
| Fall Brook | A | n/a | Confl. w/Salmon River | Approx. 16,475' u/s E. of North Osceola Rd. | 2 | LD or D | issue with ice jams and flooding of town | |
| Unnamed Trib. 3 to Salmon River | A | n/a | Confl. w/Salmon River | Approx. 750' u/s into State Reforestation Area | | | | |
| Unnamed Trib. 4 to Salmon River | A | n/a | Confl. w/Salmon River | Approx. 750' u/s | | | | |
| Unnamed Trib. 5 to Salmon River | A | n/a | Confl. w/Salmon River | Approx. 1,900' u/s S. of Osceola Road | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Notes: Update study types for reaches to be upgraded.
Cross out and update study limits for reaches to be upgraded.
Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
Please Prioritize the Studies!

Richmond, Town of

FIS - 6/18/1984

FIRM - 12/18/1984

FIS REV.

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|--|--------------------|--------------------|--|--|------------------|--------------|---------------------------|------------------------------|
| Mill Creek | 06/84 | D | Confl. w/Honeoye Creek | Approx. 8,976' u/s | | | | |
| Unnamed Trib. 12 to Honeoye Creek | 06/84 | A | Confl. w/Honeoye Creek | Approx. 1,400' u/s N. of Briggs Street | | | | |
| U/T to Unnamed Trib. 12 to Honeoye Creek | 06/84 | A | Confl. w/Unnamed Trib. 12 to Honeoye Creek | Approx. 700' u/s | | | | |
| Unnamed Trib 13 to Honeoye Creek | 06/84 | A | Confl. w/Honeoye Creek | Approx. 1,635' u/s S. of Briggs Street | | | | |
| Honeoye Lake | 06/84 | A | Confl. w/Honeoye Creek to Confl. w/Honeoye Inlet | | | | | |
| Unnamed Trib. 1 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 600' u/s | | D | | |
| Unnamed Trib. 2 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 600' u/s to East Lake Road | | D | | |
| Unnamed Trib. 3 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 700' u/s to West Lake Road | | D | | |
| Unnamed Trib. 4 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 900' u/s to East Lake Road | | D | | |
| Unnamed Trib. 5 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 300' u/s to West Lake Road | | D | | |
| Bray Gully | 06/84 | A | Confl. w/Honeoye Lake | Approx. 1,600' u/s to East Lake Road | | D | | |
| Unnamed Trib. 6 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 300' u/s to West Lake Road | | D | | |
| Unnamed Trib. 7 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 500' u/s to West Lake Road | | D | | |
| Unnamed Trib. 8 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 400' u/s to West Lake Road | | D | | |

Whole area floods with 1.5" or more of rain

Notes: Update study types for reaches to be upgraded.

Cross out and update study limits for reaches to be upgraded.

Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
Please Prioritize the Studies!

Ontario Co.



Richmond, Town of

FIS - 6/18/1984

FIRM - 12/18/1984

FIS REV.

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|----------------------------------|--------------------|--------------------|-----------------------|--------------------------------------|------------------|--------------|---|------------------------------|
| Unnamed Trib. 9 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 400' u/s to West Lake Road | 4 | D | area of flooding + sediment deposition during heavy rains - leads to road way / ditch / bank repairs + reconstruction | |
| Unnamed Trib. 10 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 1,400' u/s to West Lake Road | 3 | D | | |
| Unnamed Trib. 11 to Honeoye Lake | 06/84 | A | Confl. w/Honeoye Lake | Approx. 1,600' u/s to West Lake Road | 1 | D | | |
| Briggs Gully | 06/84 | A | Confl. w/Honeoye Lake | Approx. 2,100' u/s | 2 | D | | |
| Canadice Outlet | 06/84 | A | W. Corp. Limits | W. Corp. Limits | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Notes: Update study types for reaches to be upgraded.
 Cross out and update study limits for reaches to be upgraded.
 Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
 Please Prioritize the Studies!



Community Risk Map Worksheet

| | | |
|--|--|--------------|
| Please provide the following information | | Date: |
| County Name: LEWIS | Community Name/Organization: LEWIS COUNTY | |
| Your Name: FRANK PACE | | |
| Your Address: 7660 NORTH STATE STREET. LOWVILLE, NY 13367 | | |
| Daytime Phone: 315-376-5423 | E-mail: fpace@lewiscountyny.org | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|--------------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | REAL PROPERTY TAX AGENCY |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | LIMITED |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | DATA COLLECTED BY SOIL AND WATER CONSERVATION |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | DETAILS NOT AVAILABLE AT THIS TIME |



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide type of activity and a point of contact.</i> | UNKNOWN AT THIS TIME |
| Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details for location and a point of contact.</i> | BLACK RIVER AREA |
| Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please include stream name and location of flooding.</i> | ALONG BLACK RIVER |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Yes, provide status: <input checked="" type="checkbox"/> Adopted (year: <u>2010</u>) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated | <i>What projects are identified to help reduce the risk of future flood damage?</i> |
| Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, what is the nature of the development?</i> | NOT AT THIS TIME |
| Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide details (date of plan and a point of contact).</i> | 2010 COMPREHENSIVE PLAN |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | 2010 PLANNING |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | UNKNOWN AT THIS TIME |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | DETAILS CAN BE PROVIDED BY SOIL CONSERVATION |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input checked="" type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|--|-------|
| Please provide the following information | | Date: |
| County Name: Lewis Co | Community Name/Organization: Lewis Co | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Jackie Mahoney Director of Recreation, Forestry + Parks
315 376 5972 jmahoney@lewiscountyny.org

Nichelle Billhardt District Manager Lewis County Soil + Water Conservation
District 315-376-6122 nbillhardt@lewiscountyny.org

Stanley Samsa Lewis County Highway Dept
315-376-5350 ssamsa@lewiscountyny.org

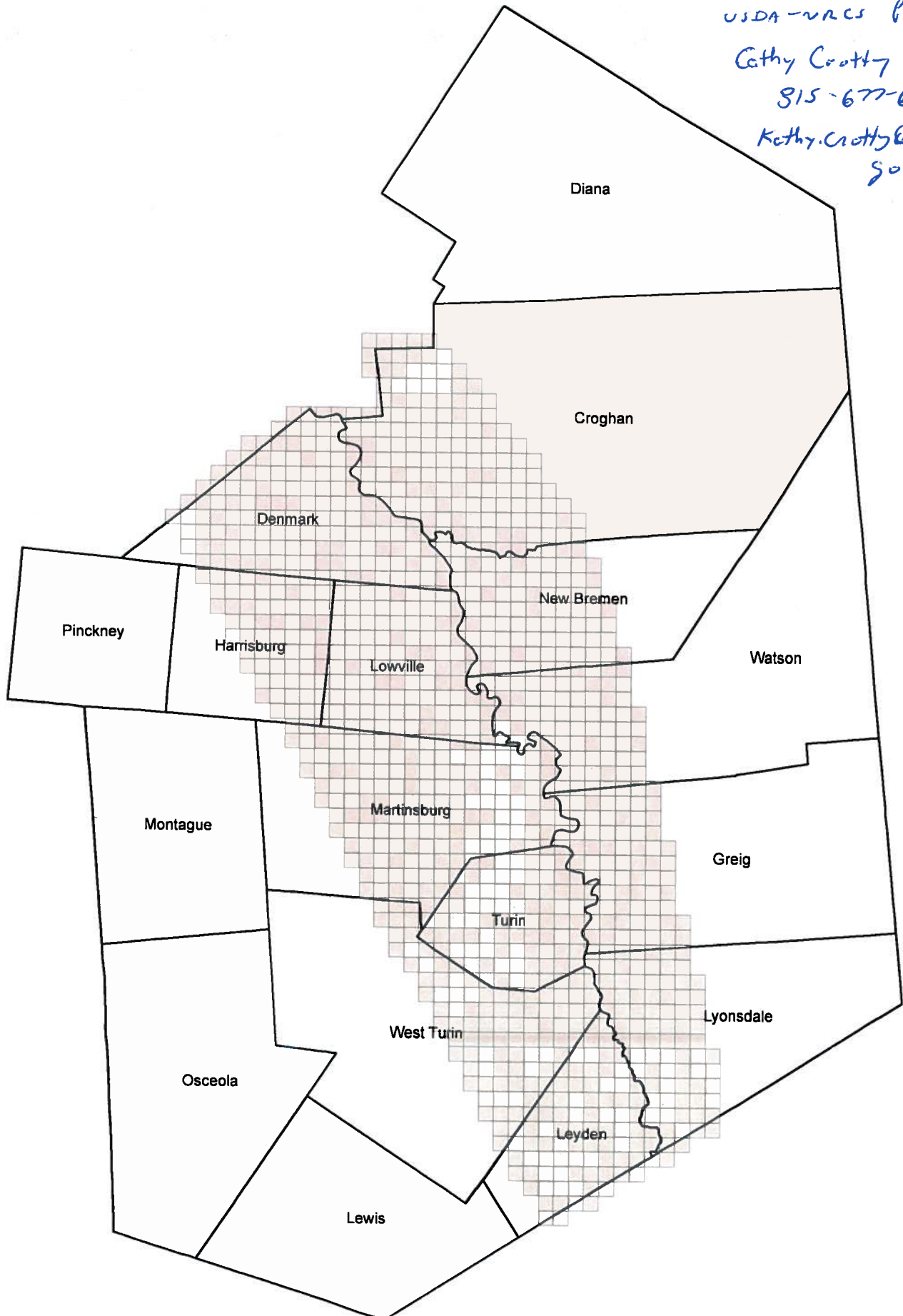
James M. Martin - Lewis County Fire/Emergency Mgmt
315-376-5305 jmartin@lewiscountyny.org

Lidar Index Map

Collection in 2012
meets FEMA std
usda-nrcs flew

Cathy Crotty
815-677-6525

Kathy.Crotty@ny.usda.gov
SOV



Community Risk Map Worksheet

| | | |
|---|-------------------------------------|--------------|
| Please provide the following information | | Date: |
| County Name: | Community Name/Organization: | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)

Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|--|----------------------|
| Please provide the following information | | Date: 11/8/13 |
| County Name: Hamilton | Community Name/Organization: Hamilton County Soil & Water Conservation District | |
| Your Name: Elizabeth Mangle | | |
| Your Address: PO Box 166, Lake Pleasant, NY 12108 | | |
| Daytime Phone: 518-548-3991 | E-mail: hcsxcd@frontiernet.net | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)

**Stakeholders**

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|--|---|
| County/Municipality/ Organization: Hamilton County Emergency Management | |
| Name: Don Purdy, II | |
| Address: PO Box 44, Lake Pleasant, NY 12108 | |
| Daytime Phone: 518-548-6223 | E-mail: emergencymgnt@hamiltoncountyny.gov |
| County/Municipality/ Organization: | |
| Name: Barry Baker | |
| Address: PO Box 168, Lake Pleasant, NY 12108 | |
| Daytime Phone: 518-548-5531 | E-mail: realproperty@hamiltoncountyny.gov |
| County/Municipality/ Organization: Town of Inlet | |
| Name: John Frey | |
| Address: PO Box 179, Inlet, NY 13360 | |
| Daytime Phone: 315-357-5771 | E-mail: supervisor@inletny.com |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|--|--|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | NYS Clearinghouse & Hamilton County SWCD |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | NYS Clearinghouse & Hamilton County SWCD |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | NYS Clearinghouse & Hamilton County SWCD |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | NYS Clearinghouse & Hamilton County SWCD |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|---------------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Hamilton County SWCD, DEC |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|--|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | Most of county maps have been rescinded. |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | Recent storms in 2011 impacted county |



| Historical Data Category | Response Details and Contact |
|---|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | <p>Due to storms in 2011 County received Flood mitigation funds for projects in the county but not in the Lake Ontario watershed.</p> |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p>County plan in progress and soon to be completed.</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Community Risk Map Worksheet

| | | |
|---|-------------------------------------|--------------|
| Please provide the following information | | Date: |
| County Name: | Community Name/Organization: | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)

Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

TOWN JUSTICE
Louis H. Perry, Jr.
Sherry L. Pennington

♥ OF THE THOUSAND ISLANDS
TOWN OF ALEXANDRIA

COUNTY OF JEFFERSON

46372 CO. RT. 1

ALEXANDRIA BAY, NEW YORK 13607

PHONE 315/482.9519 FAX 315/482.6342

TDD 800/662.1220

COUNCIL MEMBERS

Alcid E. Beaudin
James R. Durand
Brent H. Sweet
Douglas G. Williams

SUPERVISOR
Dale D. Hunneyman

TOWN CLERK
Ellen S. Peck

Supt. of Highways
David H. Bain

ATTORNEY
Joseph W. Russell

Jan. 2. 2014

RECEIVED
BUREAU OF

JAN 07 2014

FLOOD PROTECTION
AND DAM SAFETY

Dear Floodplain Section

As far AS I Know Jefferson
County Has the Flood plan on
The Town of Alexandria

If you have Any Question please
Email me or call

Email dhunneyman@ridgeviewtel.us
Phone 315 482 9519 Ext 3

THANK you
Dale D Hunneyman Town Supervisor

The Town of Alexandria is an equal opportunity provider, employer and lender.

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C.
20250-9410 or call (800) 795-3272 or (202) 720-6382(TDD)



FEMA



Community Risk Map Worksheet

| | | |
|---|---|-------|
| Please provide the following information | | Date: |
| County Name: <u>Jefferson</u> | Community Name/Organization: <u>Town of Alexandria</u> | |
| Your Name: <u>Dale D Hunneyman Town Supervisor</u> | | |
| Your Address: <u>46372 Co Rt 1 Alexandria Bay NY 13607</u> | | |
| Daytime Phone: <u>315 482 9519</u> | E-mail: <u>dhunneyman@bridgerviewtel.us</u> | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide type of activity and a point of contact.</i> | |
| Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details for location and a point of contact.</i> | |
| Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please include stream name and location of flooding.</i> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated | <i>What projects are identified to help reduce the risk of future flood damage?</i> |
| Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, what is the nature of the development?</i> | |
| Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide details (date of plan and a point of contact).</i> | |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

TOWN JUSTICE
Louis H. Perry, Jr.
Sherry L. Pennington

♥ OF THE THOUSAND ISLANDS
TOWN OF ALEXANDRIA

COUNTY OF JEFFERSON

46372 CO. RT. 1

ALEXANDRIA BAY, NEW YORK 13607

PHONE 315/482.9519 FAX 315/482.6342

TDD 800/662.1220

COUNCIL MEMBERS

Alcid E. Beaudin
James R. Durand
Brent H. Sweet
Douglas G. Williams

SUPERVISOR
Dale D. Hunneyman

TOWN CLERK
Ellen S. Peck

Supt. of Highways
David H. Bain

ATTORNEY
Joseph W. Russell

Jan. 2. 2014

RECEIVED
BUREAU OF

JAN 07 2014

FLOOD PROTECTION
AND DAM SAFETY

Dear Floodplain Section

As far AS I Know Jefferson
County Has the Flood plan on
The Town of Alexandria

If you have Any Question please
Email me or call

Email dhunneyman@ridgeviewtel.us
Phone 315 482 9519 Ext 3

THANK you
Dale D Hunneyman Town Supervisor

The Town of Alexandria is an equal opportunity provider, employer and lender.

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C.
20250-9410 or call (800) 795-3272 or (202) 720-6382(TDD)



FEMA



Community Risk Map Worksheet

| | | |
|---|---|-------|
| Please provide the following information | | Date: |
| County Name: <u>Jefferson</u> | Community Name/Organization: <u>Town of Alexandria</u> | |
| Your Name: <u>Dale D Hunneyman Town Supervisor</u> | | |
| Your Address: <u>46372 Co Rt 1 Alexandria Bay NY 13607</u> | | |
| Daytime Phone: <u>315 482 9519</u> | E-mail: <u>dhunneyman@bridgerviewtel.us</u> | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide type of activity and a point of contact.</i> | |
| Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details for location and a point of contact.</i> | |
| Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please include stream name and location of flooding.</i> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated | <i>What projects are identified to help reduce the risk of future flood damage?</i> |
| Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, what is the nature of the development?</i> | |
| Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide details (date of plan and a point of contact).</i> | |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|---|-------|
| Please provide the following information | | Date: |
| County Name: <u>Jefferson Co</u> | Community Name/Organization: <u>T Adams</u> | |
| Your Name: <u>DAVID H ROSS</u> | | |
| Your Address: <u>10915 COBBVILLE RD ADAMS 13605</u> | | |
| Daytime Phone: <u>315-785-5130</u> | E-mail: <u>DHROSS @ TWCNY. RR.COM</u> | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
 Attn: Kelli Higgins-Roche
 Floodplain Management Section
 625 Broadway, 4th Floor
 Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
 518-402-8185 (Phone)

Dewberry
 Attn: Rachael Heltz Herman
 1066 Long Pond Road
 Rochester, NY 14626
rhorman@dewberry.com (Email)
 716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|--------------------------------|
| County/Municipality/ Organization: | |
| Name: <i>Jefferson CO. Planning Dept.</i> | |
| Address: | |
| Daytime Phone: | E-mail: <i>and/or Tug Hill</i> |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data -- Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | <i>Sandy would be better as a detected ^{limited} - although not a lot of ppl. Digital maps.</i> |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input checked="" type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

**FEMA**

Community Risk Map Worksheet

| | | |
|---|---|---------------------------|
| Please provide the following information | | Date: Dec 28, 2013 |
| County Name: Oneida | Community Name/Organization: Town of Ava | |
| Your Name: James Ossont | | |
| Your Address: 5529 W Ava Rd, Ava, Ny 13303 | | |
| Daytime Phone: 315-942-5204 | E-mail: Oss5@aol.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)

Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|--|--|
| County/Municipality/ Town of Ava | |
| Organization: | |
| Name: James Ossont | |
| Address: 5529 W. Ava Rd, Ava. NY 13303 | |
| Daytime Phone: 315-942-5204 | E-mail: Os5@aol.com |
| County/Municipality/ Town of Ava | |
| Organization: | |
| Name: Jeannie Dano | |
| Address: 1391 Arab Hill Rd, Boonville, NY 13309 | |
| Daytime Phone: 315-942-4638 | E-mail: deer101@frontiernet.net |
| County/Municipality/ | |
| Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ | |
| Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ | |
| Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Please provide type of activity and a point of contact.</i> | |
| Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details for location and a point of contact.</i> | |
| Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please include stream name and location of flooding.</i> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Yes, provide status: <input type="checkbox"/> Adopted (year: <u>2013</u>) <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Currently being updated | <i>What projects are identified to help reduce the risk of future flood damage?</i> |
| Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, what is the nature of the development?</i> | |
| Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide details (date of plan and a point of contact).</i> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Comprehensive Plan date 2012 . Contact James Ossont, 5529 W. Ava Rd., Ava, NY 13303 Phone 315-942-5204</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input checked="" type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA

**Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**



Community Risk Map Worksheet

| | | |
|--|---|----------------------|
| Please provide the following information | | Date: 9/13/13 |
| County Name: Jefferson | Community Name/Organization: Town of Cape Vincent | |
| Your Name: Urban Hirschey | | |
| Your Address: 1964 NYS route 12e Cape Vincent NY 13618 | | |
| Daytime Phone: 315-654-3795 | E-mail: u.hirschey@townofcapevincent.org | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)

*TO return completed
form after Supervisor
info -*



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|---|
| County/Municipality/ Organization: | |
| Name: <i>Carban Wirschey</i> | |
| Address: <i>1964 NY St. 1b Cape Vincent, NY 13618</i> | |
| Daytime Phone: <i>315 654-3795</i> | E-mail: <i>wirschey@townofcapevincent.org</i> |
| County/Municipality/ Organization: <i>Town of Cape Vincent</i> | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA

**Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**



Community Risk Map Worksheet

| | | |
|--|---|----------------------|
| Please provide the following information | | Date: 9/13/13 |
| County Name: Jefferson | Community Name/Organization: Town of Cape Vincent | |
| Your Name: Urban Hirschey | | |
| Your Address: 1964 NYS route 12e Cape Vincent NY 13618 | | |
| Daytime Phone: 315-654-3795 | E-mail: u.hirschey@townofcapevincent.org | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|--|
| County/Municipality/ Organization: | |
| Name: <i>Carban Hirschey</i> | |
| Address: <i>1964 NY St. 1b Cape Vincent, NY 13618</i> | |
| Daytime Phone: <i>315 654-3795</i> | E-mail: <i>whirschey@townofcapevincent.org</i> |
| County/Municipality/ Organization: <i>Town of Cape Vincent</i> | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Community Risk Map Worksheet

| | | |
|---|-------------------------------------|--------------|
| Please provide the following information | | Date: |
| County Name: | Community Name/Organization: | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)

Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA

John/Christina

Community Risk Map Worksheet

| | | |
|--|--|---------|
| Please provide the following information | | Date: |
| County Name: Jefferson | Community Name/Organization: T. Ellisburg | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | | E-mail: |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: N/A | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: Erie Martin - Highway Sop - Structure | |
| Address: 15734 Smail St Ellisbury Information | |
| Daytime Phone: 315-846-5138 ex | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|---------|
| County/Municipality/ Organization: | |
| Name: <i>rely on county system - Jefferson County</i> | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|-------------------------|
| Political boundaries: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <i>Correct as shown</i> |
| Transportation layers: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>use county data</i> |
| Land Use and Soil data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>" "</i> |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>" "</i> |
| Building footprints: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <i>county data</i> |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data -- Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|---|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | unnamed trib to Bear Creek near intersection of COBB PLACE & C.R. 9 |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data Type of Data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | location marked on work maps |
| Local flood gage data or rain gage data Type of Data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|---|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> <p style="text-align: center;">N/A</p> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) <p style="text-align: center;">some available</p> | <p style="text-align: center;">see question 8</p> |
| <i>If yes, please provide details and contact.</i> <p style="text-align: center;">see question 8</p> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>Not sure</i></p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p><i>Possibly included under Jefferson County Plan.</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i> <i>uses both paper & internet based - would like to keep both.</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

1. Eastern Lake Ontario Dunes Coalition - Sediment Transport Study
 Jen Baker - NYS DEC
 jlbaker@nw.dec.state.ny.us
 (315) 785-2261
2. AECOM Shoreline Protection Structures Study (2012)

Community Risk Map Worksheet

| | | |
|---|-------------------------------------|--------------|
| Please provide the following information | | Date: |
| County Name: | Community Name/Organization: | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)

Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|--|-------|
| Please provide the following information | | Date: |
| County Name: Lewis Co | Community Name/Organization: Lewis Co | |
| Your Name: | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Jackie Mahoney Director of Recreation, Forestry + Parks
315 376 5972 jmahoney@lewiscountyny.org

Nichelle Billhardt District Manager Lewis County Soil + Water Conservation
District 315-376-6122 nbillhardt@lewiscountyny.org

Stanley Samsa Lewis County Highway Dept
315-376-5350 ssamsa@lewiscountyny.org

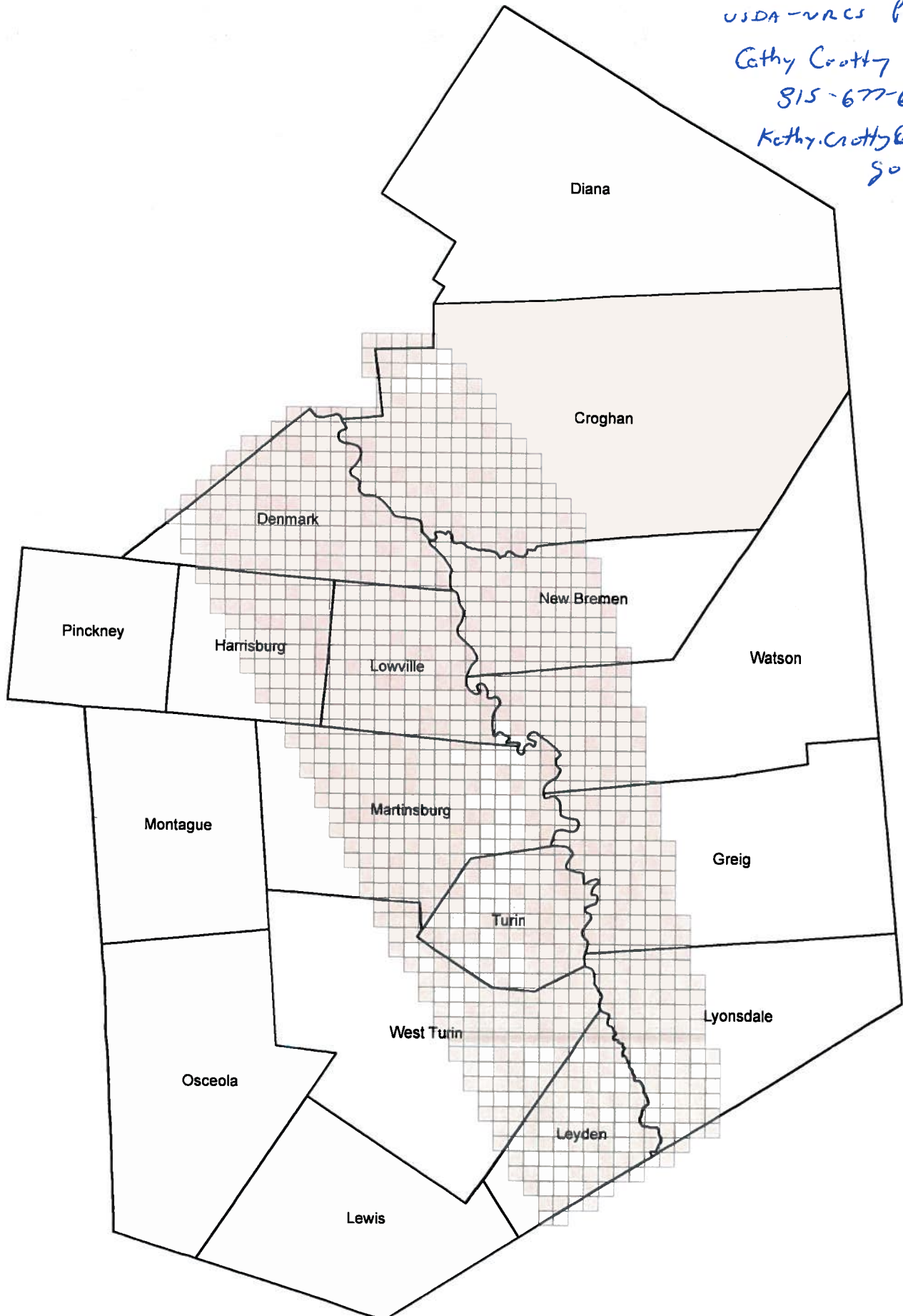
James M. Martin - Lewis County Fire/Emergency Mgmt
315-376-5305 jmartin@lewiscountyny.org

Lidar Index Map

Collection in 2012
meets FEMA std
usda-nrcs flew

Cathy Crotty
815-677-6525

Kathy.Crotty@ny.usda.gov
SOV



JEN



FEMA



Community Risk Map Worksheet

| | | |
|---|---|----------------|
| Please provide the following information | | Date: 11/14/13 |
| County Name: Jefferson | Community Name/Organization: T. Henderson | |
| Your Name: Eric Sheldon | | |
| Your Address: 108052 Corrairie | | |
| Daytime Phone: 767 2016 | E-mail: 280 EC Sheldon @ Frater- | |
| Contact Preference: <input type="checkbox"/> E-mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Mail 1.com | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: Ray Walker (Town Supervisor) | |
| Address: | |
| Daytime Phone: 938-5542 ext 27 | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|--|---------|
| County/Municipality/ Organization: <u>Jefferson County Planning Board</u> | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|--|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <u>Andy Neven or Michelle Bunney</u> |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|--|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | <i>Difficult to use for determinations if a structure is in or out of the flood plain due to scale</i> |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA



| Historical Data Category | Response Details and Contact |
|---|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | <p>on floodway panel Crystal Lake AKA Six Town Pond on East Shore</p> |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Rays Bay in the marshy area</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>Zoning Plan Contact Eric Sheldon</p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | contact Eric Sheldon |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input checked="" type="checkbox"/> Floodplain Management Training <input checked="" type="checkbox"/> Hazard Mitigation Training <input checked="" type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

- New Bridge on 178 - State replaced bridge should have any information
- Along the lower elevations along the Lake (Around Henderson) it would be more helpful to have more detailed/newer maps



FEMA



Community Risk Map Worksheet

| | | |
|--|---|---------------|
| Please provide the following information | | Date: 9/26/13 |
| County Name: Jefferson | Community Name/Organization: Town of Hounsfield | |
| Your Name: Maureen Lennox | | |
| Your Address: 17189 Co Rt 62 Watertown NY 13601 | | |
| Daytime Phone: 315-788-3025 | E-mail: mlennox3025@yahoo.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input checked="" type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|--|-------------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Nov 20, 1991- Firm Maps |
| Transportation layers: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Nov 20, 1991- Firm Maps |
| Building footprints: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Zoning maps |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Jefferson Co Mapping |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Nov 20, 1991- Firm Maps |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>Zoning Laws</p> <p>maulene lernaf</p> |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| <p>Does your community have an Open Space Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>2003 Route 3</p> <p>maulene lennap</p> |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>2013</p> <p>Maulene lennap</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training</p> <p><input checked="" type="checkbox"/> Hazard Mitigation Training</p> <p><input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> <p>How To Use the Environmental mapper on the DEC website</p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Community Risk Map Worksheet

| | | |
|---|---|---------------|
| Please provide the following information | | Date: 9/12/13 |
| County Name: Hamilton | Community Name/Organization: Town of Inlet | |
| Your Name: Aimee Van Wie | | |
| Your Address: Box 447 215 Rt 28 | | |
| Daytime Phone: 315 357 5726 | E-mail: aimeev@frontiernet.net | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

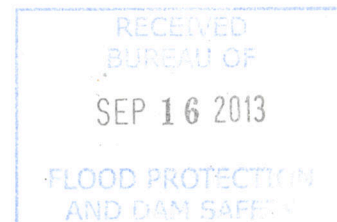
In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA

**Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

No

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below. *NO*

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|--------------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>www.hancomaps.net</i> |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>APA</i> |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>Firehall</i> |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>None</i> |



FEMA

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | APA |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | 6 th Lake Dam |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|---------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> | <i>we are in unmapped area.</i> |
| <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA

Community Risk Map Worksheet

Kelli



see map

| | | |
|--|---|-------|
| Please provide the following information | | Date: |
| County Name: <u>Jefferson Co</u> | Community Name/Organization: <u>T LeRoy</u> | |
| Your Name: <u>David Lehenauer</u> | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC

Attn: Kelli Higgins-Roche

Floodplain Management Section

625 Broadway, 4th Floor

Albany, NY 12233-3504

floodpln@gw.dec.state.ny.us (Email)

518-402-8185 (Phone)

Dewberry

Attn: Rachael Heltz Herman

1066 Long Pond Road

Rochester, NY 14626

rherman@dewberry.com (Email)

716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. **Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?**

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. **Other Data – Is any of the following information available as either GIS data layers or in some other format?**

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|---|------------------------------|
| Please provide the following information | | Date: October 8, 2013 |
| County Name: Lewis | Community Name/Organization: Town of Lowville | |
| Your Name: Joseph Pfeiffer, Jr/Katharine Manning | | |
| Your Address: 5533 Bostwick Street, Lowville, NY 13367 | | |
| Daytime Phone: 315-376-8070 ext 6 | E-mail: tlowvillecodes@aol.com/inspectorjoep@aim.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA

**Stakeholders**

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|--|----------------|
| County/Municipality/ Tug Hill Commission Organization: | |
| Name: | |
| Address: 317 Washington Street, Watertown, NY 13601 | |
| Daytime Phone: 315-785-2380 | E-mail: |
| County/Municipality/ Lewis County Economic Development and Planning Organization: | |
| Name: Frank Pace | |
| Address: 7660 North State Street, Lowville, NY 13367 | |
| Daytime Phone: 315-376-5422 | E-mail: |
| County/Municipality/ Lewis County Soil and Water Organization: | |
| Name: Terry Thisse, Town of Martinsburg Supervisor | |
| Address: Also Engineer | |
| Daytime Phone: 315-376- | E-mail: |
| County/Municipality/ Organization: → See Town of Martinsburg info. | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|---|
| Political boundaries: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Tug Hill Commission/County of Lewis |
| Transportation layers: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Same |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | LC Soil & Water and others listed above |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | County of Lewis |
| Building footprints: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | County of Lewis |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Tug Hill Commission/County of Lewis |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | FEMA |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|---------------------------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | NYS DEC/Maple Ridge Wind Farm/NYS DOT |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? NO | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | NO |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|--|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | Areas along the Black River including most streams along the river flooded. There was no real evacuation process but I believe this has been resolved with the Hazard Mitigation Plan. |



| Historical Data Category | Response Details and Contact |
|--|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | <p>Unknown for sure. There are rumors that some of the homes had been bought out.</p> |
| <p>Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | <p>FEMA</p> |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Black River locations</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input checked="" type="checkbox"/> Adopted (year: <u>2010</u>) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Minimally</p> |
| <p>Does your community have a Storm Water Program or Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Randy Schell, Supervisor Town of Lowville 1993</p> |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Randy Schell, Supervisor Town of Lowville December 2008</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training <input checked="" type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

I apologize that I didn't realize all you're attempting to do it to update mapping. I believe our community maps are up to date.

Thank you for allowing us to participate.

- HEC-1 Modeling for Black River and Mill Creek uses TP-40 rainfall. Rainfall in the model needs to be updated to reflect new NOAA Atlas 14 Rainfall data. Discharges are of
- Elevation for HWY near Roadville - on date Water Road still needed.



Federal Emergency Management Agency

Washington, D.C. 20472

Date: May 24, 2011

Case No.: 11-02-1550A

LOM

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

| COMMUNITY AND MAP PANEL INFORMATION | | LEGAL PROPERTY DESCRIPTION |
|-------------------------------------|---|---|
| COMMUNITY | TOWN OF LOWVILLE, LEWIS COUNTY, NEW YORK | A parcel of land, as described in the Deed, recorded as Instrument No. 2006-01530, in the Office of the County Clerk, Lewis County, New York (TMI: 196.00-01-5.1) |
| | COMMUNITY NO.: 361558 | |
| AFFECTED MAP PANEL | NUMBER: 3615580015C | |
| | DATE: 6/20/2000 | |
| FLOODING SOURCE: BLACK RIVER | | APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 43.807, -75.474 SOURCE OF LAT & LONG: ESRI: FEMA GEOCODE/GOOGLE MAPS DATUM: NAD 83 |

DETERMINATION

| LOT | BLOCK/ SECTION | SUBDIVISION | STREET | OUTCOME WHAT IS REMOVED FROM THE SFHA | FLOOD ZONE | 1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29) | LOWEST ADJACENT GRADE ELEVATION (NGVD 29) | LOWEST LOT ELEVATION (NGVD 29) |
|-----|-------------------|-------------|------------------|--|---------------|--|---|---|
| -- | -- | -- | 5972 Waters Road | Structure (Residence) | X (shaded) | 742.7 feet | 743.0 feet | -- |

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

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

PORIONS REMAIN IN THE SFHA

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are not located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This document amends the effective NFIP map to remove the subject property from the SFHA located on the effective NFIP map; therefore, the Federal mandatory flood insurance requirement does not apply. However, the lender has the option to continue the flood insurance requirement to protect its financial risk on the loan. A Preferred Risk Policy (PRP) is available for buildings located outside the SFHA. Information about the PRP and how one can apply is enclosed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding the determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2622 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 6730 Santa Barbara Court, ElkrIDGE, MD 21075.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name Lee Terry
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
5972 Waters Road
City Lowville State NY ZIP Code 13367

For Insurance Company Use:

Policy Number

Company NAIC Number

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Town of Lowville 196.00-01-5.1

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 43°48'25" Long. -75°28'27"

Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 2

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) _____ sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:

- a) Square footage of attached garage 640 sq ft
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
Town of Lowville 361558

B2. County Name
Lewis

B3. State
NY

B4. Map/Panel Number
Panel 15

B5. Suffix
c

B6. FIRM Index
Date

B7. FIRM Panel
Effective/Revised Date
June 20, 2000

B8. Flood
Zone(s)
AE

B9. Base Flood Elevation(s) (Zone
AO, use base flood depth)
743

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other (Describe) _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.

Benchmark Utilized Intersection of Waters Rd Vertical Datum NGVD 1929

Conversion/Comments NA

Check the measurement used.

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 738.5 ☒ feet ☐ meters (Puerto Rico only)
b) Top of the next higher floor 745.5 ☒ feet ☐ meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only) _____ ☐ feet ☐ meters (Puerto Rico only)
d) Attached garage (top of slab) _____ ☐ feet ☐ meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building 738.5 ☒ feet ☐ meters (Puerto Rico only)
(Describe type of equipment and location in Comments)
f) Lowest adjacent (finished) grade next to building (LAG) 743.2 ☒ feet ☐ meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG) 744.5 ☒ feet ☐ meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 743.0 ☒ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☐ Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name R. Stephen Moncrief Jr

License Number 049819 NY

Title President

Company Name Moncrief Land Surveying, PC

Address 7588 South State Street

City Lowville

State NY

ZIP Code 13367

Signature R. Stephen Moncrief Jr

Date 3/24/2011

Telephone 315-376-8444





Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

| COMMUNITY AND MAP PANEL INFORMATION | | LEGAL PROPERTY DESCRIPTION |
|-------------------------------------|--|---|
| COMMUNITY | TOWN OF LOWVILLE, LEWIS COUNTY, NEW YORK | A portion of Lot 23, Township 11, as described in the Warranty Deed, recorded as Instrument No. 2010-003336, in the Office of the County Clerk, Lewis County, New York (TMI: 196-1-4.1) |
| | COMMUNITY NO.: 361558 | |
| AFFECTED MAP PANEL | NUMBER: 3615580015C | |
| | DATE: 6/20/2000 | |
| FLOODING SOURCE: BLACK RIVER | | APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 43.807, -75.473 SOURCE OF LAT & LONG: GOOGLE EARTH PRO DATUM: NAD 83 |

DETERMINATION

| LOT | BLOCK/SECTION | SUBDIVISION | STREET | OUTCOME WHAT IS REMOVED FROM THE SFHA | FLOOD ZONE | 1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29) | LOWEST ADJACENT GRADE ELEVATION (NGVD 29) | LOWEST LOT ELEVATION (NGVD 29) |
|-----|---------------|-------------|------------------|--|---------------|--|---|---|
| 23 | -- | -- | 5966 Waters Road | Structure (Residence) | X (shaded) | 742.2 feet | 743.3 feet | -- |

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

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

PORTIONS REMAIN IN THE SFHA

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are not located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This document amends the effective NFIP map to remove the subject property from the SFHA located on the effective NFIP map; therefore, the Federal mandatory flood insurance requirement does not apply. However, the lender has the option to continue the flood insurance requirement to protect its financial risk on the loan. A Preferred Risk Policy (PRP) is available for buildings located outside the SFHA. Information about the PRP and how one can apply is enclosed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Engineering Library, 847 South Pickett Street, Alexandria, VA 22304-4605.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



FEMA



Community Risk Map Worksheet

| | | |
|---|---|-------|
| Please provide the following information | | Date: |
| County Name: <i>Lewis Co</i> | Community Name/Organization: <i>T Martinsburgh</i> | |
| Your Name: <i>Terrence Thisse Supervisor</i> | | |
| Your Address: <i>PO Box 8 Martinsburg NY 13404</i> | | |
| Daytime Phone: <i>(315) 376-2299</i> | E-mail: <i>mburg@ridgeviewtel.us</i> | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|--|------------------------------|
| County/Municipality/ Organization: | |
| Name: Mary Kelley Town Clerk | |
| Address: PO Box 8 Martinsburg NY 13404 | |
| Daytime Phone: (315) 376-2299 | E-mail: mburgridgeviewtel.us |
| County/Municipality/ Organization: | |
| Name: Tyler Jones Highway Superintendent | |
| Address: PO Box 8 Martinsburg N.Y. 13404 | |
| Daytime Phone: (315) 376-2309 | E-mail: mburgbya |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Highway crew |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

Tug Hill Commission has GIS : Mickey Dietrich
 Highway crew has GIS



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data - Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|---|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | county gates on Rt 22 |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | was a dam |
| Local survey data Type of Data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Tyler Jones Highway Superintendent |
| Local flood gage data or rain gage data Type of Data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | would have information local guy who reports this to local weather station |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | <i>Piped Stream Gardener Rd. Border b/t Lowville & Marikona</i> |



FEMA



| Historical Data Category | Response Details and Contact |
|---|--|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>on map highwater mark (★) Gage on Rainbow Creek</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | <p>on maps</p> |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>planning board</p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training</p> <p><input checked="" type="checkbox"/> Hazard Mitigation Training</p> <p><input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> <p><i>Interested in going to one scheduled already</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Blueway Trail - removing Pulverigs and Obstacles in the Black River

(Forestport to Carthage/ Watertown)

to make navigatable

POC: Jennifer Harvill



FEMA



Community Risk Map Worksheet

*updated
KH Roche*

| | | |
|--|--|-----------------------|
| Please provide the following information | | Date: 9/6/2013 |
| County Name: Herkimer | Community Name/Organization: Town of Ohio | |
| Your Name: Jeffrey Greene, Code Enforcement Official | | |
| Your Address: 138 Kelley Road, Ohio, NY 13324 | | |
| Daytime Phone: 315-826-7565 | E-mail: mvwcjfg@ntcnet.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: <i>not aware of anyone</i> | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|--|----------------------|
| Political boundaries: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>very obsolete</i> |
| Land Use and Soil data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | *dell - dam safety *Pond Corp has info on N Lake dam |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | gage in W. Ponode Creek in S. part of town |



| Other Data Category | Response Details | Contact for who maintains data |
|---|--|--------------------------------|
| <p>Are there any piped or underground streams within your community?</p> <p>No</p> | <p><input checked="" type="checkbox"/> Not Available</p> <p><input type="checkbox"/> Hard Copy</p> <p><input type="checkbox"/> Digital (ie. Shapefile)</p> | |
| <p><i>If yes, what is the location? How large is the pipe?</i></p> | | |
| <p>Relevant reports/ studies that include hydrology and/or hydraulics.</p> <p><i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i></p> | <p><input type="checkbox"/> Not Available</p> <p><input type="checkbox"/> Hard Copy</p> <p><input type="checkbox"/> Digital (ie. Shapefile)</p> | |
| <p><i>If yes, please provide details and contact.</i></p> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|---|
| <p>Are the current FEMA Special Flood Hazard Areas accurate for you your community?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No → <i>would like digital</i></p> <p><i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i></p> <p><i>Include streams or reaches that should be studied or restudied.</i></p> | <p><i>have old firm maps</i> <i>would like digital maps</i> <i>few miles in northern part of Town</i></p> |
| <p>Does your community have experience with flood disasters and flood disaster recovery?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i></p> | |



| Historical Data Category | Response Details and Contact |
|---|---|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | <p>Maybe on North Lake Spillway? Ponal Corp owns it</p> |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input checked="" type="checkbox"/> Adopted (year: 1992) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p>no proj. in N part of Town</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input checked="" type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

**FEMA****Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)****Community Risk Map Worksheet**

| | | |
|--|---|----------------------|
| Please provide the following information | | Date: 9-16-13 |
| County Name: Lewis | Community Name/Organization: Town of Osceola | |
| Your Name: Francis M Yerdon | | |
| Your Address: 1287 Gregory Rd | | |
| Daytime Phone: 315-599-7232 | E-mail: fnyerdon@gmail.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|--|---------|
| County/Municipality/ Organization: <i>Town of Osceola</i> | |
| Name: <i>Francis H Yorden</i> | |
| Address: <i>1287 Gregory Rd</i> | |
| Daytime Phone: <i>315-599-7732</i> | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



| Other Data Category | Response Details | Contact for who maintains data |
|---|---|--------------------------------|
| <p>Are there any piped or underground streams within your community?</p> | <p> <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) </p> | |
| <p><i>If yes, what is the location? How large is the pipe?</i></p> | | |
| <p>Relevant reports/ studies that include hydrology and/or hydraulics.</p> <p><i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i></p> | <p> <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) </p> | |
| <p><i>If yes, please provide details and contact.</i></p> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Are the current FEMA Special Flood Hazard Areas accurate for you your community?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i></p> <p><i>Include streams or reaches that should be studied or restudied.</i></p> | |
| <p>Does your community have experience with flood disasters and flood disaster recovery?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i></p> | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



| Historical Data Category | Response Details and Contact |
|---|------------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Fall Brook Salmon River</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Currently being updated</p> | <p>What projects are identified to help reduce the risk of future flood damage?</p> <p>Lewis Co has this plan Atone</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>Been in effect since 1977 Gene Socia PB Chairman 599-7445</p> |



FEMA

Lake Ontario Watershed Discovery WebEx#2 (series of sessions)



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>1977 - needs to be updated</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Community Risk Map Worksheet

Jen/David
(additional info)

| | | |
|---|--|---------------|
| Please provide the following information | | Date: 9-16-13 |
| County Name: Lewis | Community Name/Organization: Town of Osceola | |
| Your Name: Francis M Yerdon | | |
| Your Address: 1287 Gregory Rd | | |
| Daytime Phone: 315-599-7232 | E-mail: fnyerdon@gmail.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)

SEP 18 2013

Page 4



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|--|---------|
| County/Municipality/ Organization: <i>Town of Osceola</i> | |
| Name: <i>Francis H. Yordan</i> | |
| Address: <i>1287 Gregory Rd</i> | |
| Daytime Phone: <i>315-599-2732</i> | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | ↑ |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | DNA |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | ↓ |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | ✓ |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|---|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Does not have any. |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data Type of Data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | New Bridge over Salmon R. Route 45 (1970s) Contact County for info. |
| Local flood gage data or rain gage data Type of Data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

County has GIS Data for all culverts



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | <i>So outdated not very useful</i> <i>-No one uses them anymore because they are so outdated</i> |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



| Historical Data Category | Response Details and Contact |
|--|---------------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Fall Brook</p> <p>Salmon River</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input checked="" type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p>Lewis Co has this plan</p> <p>Attn</p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>Been in effect since 1977</p> <p>Gene Socia- PB Chairman</p> <p>598-7445</p> |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>1977 - needs to be updated</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Osceola, Town of

FIS - n/a
FIS REV.

FIRM - 6/30/1976

| Stream Name | Initial Study Type | Initial Study Date | From | To | Restudy Priority | Restudy Type | Justification of Priority | Levees ? If so, note on back |
|---|--------------------|--------------------|-----------------------------------|--|------------------|--------------|--|------------------------------|
| Seven Mile Creek | A | n/a | E. Corp. Limits | N. Corp. Limits | | | | |
| Deep Creek | A | n/a | Confl. w/Seven Mile Creek | N. Corp. Limits | | | | |
| Unnamed Trib. To Deep Creek | A | n/a | Confl. w/Deep Creek | N. Corp. Limits | | | | |
| Six Mile Creek | A | n/a | E. Corp. Limits | Approx. 12,455' u/s | | | | |
| Unnamed Trib. To Six Mile Creek | A | n/a | Confl. w/Six Mile Creek | Approx. 750' u/s | | | | |
| North Branch Mad River | A | n/a | N. Corp. Limits | N. Corp. Limits | | | | |
| South Branch Mad River | A | n/a | N. Corp. Limits | Approx. 17,210' u/s | | | | |
| Unnamed Trib. To South Branch Mad River | A | n/a | Confl. w/South Branch Grass River | Approx. 2,250' u/s | | | | |
| East Branch Fish Creek | A | n/a | E. Corp. Limits | Approx. 8,975' u/s to N.E Corp. Limits | | | | |
| Unnamed Trib. To East Branch Fish Creek | A | n/a | Confl. w/East Branch Fish Creek | Approx. 1,400' u/s | | | | |
| Roaring Brook | A | n/a | Confl. w/East Branch Fish Creek | Approx. 14,800' u/s | | | | |
| Salmon River | A | n/a | W. Corp. Limits | Approx. 31,790' u/s | I | D | Repeat flooding area Do not use old maps, hard to enforce regulations | |
| Ponding Area | A | n/a | W. Corp. Limits | | | | | |
| Little Baker Brook | A | n/a | Confl. w/Salmon River | Approx. 1,500' u/s | | | | |

Notes: Update study types for reaches to be upgraded.
Cross out and update study limits for reaches to be upgraded.
Include any subsets of stream reaches when suggesting modifications.

Notes: Study Types: D = Detailed, LD = Limited Detail, A = Approximate
Please Prioritize the Studies!



FEMA



Community Risk Map Worksheet

Date: 11/14/2013

Please provide the following information

County Name:

Jefferson Co

Community Name/Organization:

T. Pamela

Your Name:

HARRY POTTER

Your Address:

27256 Arch Lake Rd, Watertown NY 1360

Daytime Phone:

315-782-5768

E-mail:

HPOTTER@TW@NY.RR.COM

Contact Preference:

☐

E-mail

☐

Phone

☒

Mail

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC

Attn: Kelli Higgins-Roche

Floodplain Management Section

625 Broadway, 4th Floor

Albany, NY 12233-3504

floodpln@gw.dec.state.ny.us. (Email)

518-402-8185 (Phone)

Dewberry

Attn: Rachael Heltz Herman

1066 Long Pond Road

Rochester, NY 14626

rherman@dewberry.com (Email)

716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | | | |
|---------------------------------------|-----|--|-----|
| County/Municipality/ Organization: | | Chairman of Planning Board Town of Pamela | |
| Name: | | Harry Potter | |
| Address: | | Same as front page | |
| Daytime Phone: | " " | E-mail: | " " |
| County/Municipality/ Organization: | | Town of Pamela | |
| Name: | | Walter H. Van Tassel Route 37 | |
| Address: | | Town of Pamela, 25859 NYS 37, Water Town, NY 13601 | |
| Daytime Phone: | | E-mail: | |
| County/Municipality/ Organization: | | Highway Superintendent. | |
| Name: | | Dennis Hoistion, 25856 NYS Rte 37, 13601 | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|--|---------|
| County/Municipality/ Organization: | |
| Name: <i>N/A Uses Jefferson County GIS</i> | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|--|---|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>Boundary needs correcting in SW corner</i> |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>Jefferson County maintains this layer</i> |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>Hangs on the wall. probably maintained by county</i> |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>N/A } see Jefferson County</i> |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>N/A }</i> |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | N/A |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> <p><i>Probably part of Jefferson County's</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p><i>In process of adoption</i> <i>Harry Potter (contact info same as on front page)</i></p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Sometimes as needed.</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Black River Watershed</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Black River Watershed</p> |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training <input checked="" type="checkbox"/> Hazard Mitigation Training <input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

JEN



FEMA



Community Risk Map Worksheet

| | | |
|---|---|-------|
| Please provide the following information | | Date: |
| County Name: <u>Jefferson Co</u> | Community Name/Organization: <u>T. Philadelphia</u> | |
| Your Name: <u>Cheryl Horton</u> | | |
| Your Address: | | |
| Daytime Phone: <u>315-642-3421</u> | E-mail: <u>supr1hort@central.ny.twcbc.com</u> | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Code enforcement officer | |
| Name: Shawn Barbarito | |
| Address: | |
| Daytime Phone: Same # | E-mail: |
| County/Municipality/ Organization: | |
| Highway Super intendant | |
| Name: Michael Freeman | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|--|---------|
| County/Municipality/ Organization: Highway Super. | |
| Name: Michael Freeman | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☒ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Contact Michael |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <i>Unknown</i> Dam in Village Contact Village Super. |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | Jefferson County Planning |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|---|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | possibly in the village for the power plant Not for Town |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | No real issues with flooding in the town some Most rivers run through farm land Not much new development along the river |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA



| Historical Data Category | Response Details and Contact |
|---|--|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | Some in the Village on Island in Indian River |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | Through the village on Sand Street and Garden Road |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>Comprehensive Plan B</p> <p>Zoning will be done in December of This year will be dated Jan 2014</p> <p>Contact Cheryl Horton</p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>2012</p> <p>Cheryl will be point of contact</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input checked="" type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> <p>The Village may need assistance with Floodplain management or Hazard mitigation planning</p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Village Super. to contact for any Village of Philadelphia questions / concerns / information

Phil Hughes - 642-3452

Mayor Matt Montroy 642-3452



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



Community Risk Map Worksheet

| | | |
|---|---|-----------------|
| Please provide the following information | | Date: 10/8/2013 |
| County Name: Oneida | Community Name/Organization: Town of Remsen | |
| Your Name: James Mason Codes Officer | | |
| Your Address: 10540 Academy Lane, Remsen, N.Y. 13438 | | |
| Daytime Phone: 315-831-5558 | E-mail: Town of Remsen At Rod Runner. com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

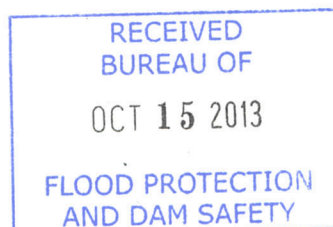
In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA

**Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

All others have Flood Management



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|------------------|
| Political boundaries: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|---|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> | |
| <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



FEMA

Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>working on it</i></p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input checked="" type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Robyn



FEMA



Community Risk Map Worksheet

| | | |
|---|--|----------------|
| Please provide the following information | | Date: 11-14-13 |
| County Name: Jefferson Co | Community Name/Organization: T Rutland | |
| Your Name: Ronald Hall | ZBA (Zoning Board of Appeals) | |
| Your Address: 23561 Perrigo Rd. BLACK RIVER, N.Y. 13612 | | |
| Daytime Phone: 315-486-7692 cell | E-mail: ron gmc - 2000 @ Yahoo.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input checked="" type="checkbox"/> Phone <input checked="" type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | | | |
|---------------------------------------|--|-------------------------------------|--|
| County/Municipality/ Organization: | | T/ROTHMAN ZFO / Planning Bd | |
| Name: | | HAROLD E. Wheeler Jr | |
| Address: | | 29186 NYS RT 3 Black River NY 13612 | |
| Daytime Phone: | | 773 - 4178 | |
| E-mail: | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | | |
| E-mail: | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | | |
| E-mail: | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | | |
| E-mail: | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | | |
| E-mail: | | | |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: N/A | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | State |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | State |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Harold |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data - Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | no digital / paper data |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|---|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | N/A |
| If yes, what is the location? How large is the pipe? | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| If yes, please provide details and contact. | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied. | hard to determine - need new set of maps |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please provide details. When did areas within your community flood and what areas were impacted? | |



FEMA



| Historical Data Category | Response Details and Contact |
|--|-----------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>Along Back River - see map</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | <p>Along the Back Felts Creek © 143</p> |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| Does your community have an Open Space Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input checked="" type="checkbox"/> Floodplain Management Training <input checked="" type="checkbox"/> Hazard Mitigation Training <input checked="" type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA

Sterling/Fair Haven



Community Risk Map Worksheet

| | | |
|---|---|------------------|
| Please provide the following information | | Date: 10/31/2013 |
| County Name: Cayuga | Community Name/Organization: Town of Sterling | |
| Your Name: Lezlianne Parsons | | |
| Your Address: 1290 State Rt 104A, Sterling NY 13156 | | |
| Daytime Phone: 315 947 6262 | E-mail: sterlingassessor@twcnj.ny.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

also naming

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | | | |
|---------------------------------------|--------------|--|-----------------------|
| County/Municipality/ Organization: | | Village of Fair Haven | |
| Name: | | Mayor Bill McVea | |
| Address: | | 14523 Cayuga ST, Fair Haven NY 13064 | |
| Daytime Phone: | 3159475112 | E-mail: | vfairhav@twcny.rr.com |
| County/Municipality/ Organization: | | | |
| Name: | | Randall Lawrence | |
| Address: | | 1290 State Route 104A Sterling, NY 13156 | |
| Daytime Phone: | 315-947-6104 | E-mail: | +sterlin@twcny.rr.com |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---|---------|
| County/Municipality/ Organization: <u>Town of Sterling, Code Enforcement</u> | |
| Name: <u>Bruce Applebee</u> | |
| Address: <u>1290 ST. Rt 104A, Sterling NY 13156</u> | |
| Daytime Phone: <u>3159476245</u> | E-mail: |
| County/Municipality/ Organization: <u>Cayuga County</u> | |
| Name: <u>Real Property Services</u> | |
| Address: <u>160 Genesee ST. Auburn, NY 13021</u> | |
| Daytime Phone: <u>3152531270</u> | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☒ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|----------------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | <u>for Fair Haven only</u> |
| Essential / Critical Facilities: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. **Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?**

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Digital (ie. Shapefile) | |

5. **Other Data – Is any of the following information available as either GIS data layers or in some other format?**

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|---|---|--------------------------------|
| Are there any piped or underground streams within your community? <i>Aquafin</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| If yes, what is the location? How large is the pipe? <i>Sterling</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| If yes, please provide details and contact. | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Don't know</i> If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied. | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please provide details. When did areas within your community flood and what areas were impacted? | |



FEMA



| Historical Data Category | Response Details and Contact |
|---|--|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Don't know</i></p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p><i>Sterling Creek - around Sterling Valley and Center Rd.</i></p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | <p><i>housing - developments Irwin Rd</i></p> |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p><i>will be approved in early 2014 Lezli Parsons 315 947-6262</i></p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | will be a part of the new land use Regs. |
| Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | Plan adopted 2009 Lezli Parsons, Zoning 315947 6262 Commissioner online power VET. |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | Don't know |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input checked="" type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | Floodplain Management Training Hazard Mitigation Training Building and Enforcement Guidance Other Assistance Needed: No covers training |

8. **Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.**

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|--|--|
| Please provide the following information | | Date: |
| County Name: | Community Name/Organization: <i>Tug Hill Commission</i> | |
| Your Name: | <i>Jennifer Harvill</i> ATTS | |
| Your Address: | <i>317 Washington St. Watertown, NY 13601</i> | |
| Daytime Phone: | <i>(315) 785-2392</i> | E-mail: <i>jennifer@tughill.org</i> |
| Contact Preference: | <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
 Attn: Kelli Higgins-Roche
 Floodplain Management Section
 625 Broadway, 4th Floor
 Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
 518-402-8185 (Phone)

Dewberry
 Attn: Rachael Heltz Herman
 1066 Long Pond Road
 Rochester, NY 14626
rhorman@dewberry.com (Email)
 716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | | | |
|---------------------------------------|-----------------------------------|-----------------------------------|--|
| County/Municipality/ Organization: | | <i>Don't do much GIS creation</i> | |
| Name: | | <i>Mickey Dietrich</i> | |
| Address: | | <i>Tug Hill Commission</i> | |
| Daytime Phone: | E-mail: <i>mickey@tughill.org</i> | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | E-mail: | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | E-mail: | | |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

Not kept of data

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

Don't deal w/ coastal

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|---|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | <i>Not a lot of familiarity with flood maps</i> |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | <p>Fort Drum area</p> |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Rachael



FEMA



Community Risk Map Worksheet

| | | |
|---|---------------------------------------|----------------|
| Please provide the following information | | Date: 11-14-13 |
| County Name: Jefferson Co | Community Name/Organization: U. Adams | |
| Your Name: Philip Chatterton | | |
| Your Address: 33 N. Main St | | |
| Daytime Phone: 315-292775-6968 | E-mail: PCHATTER@TUCOMM.RR.COM | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---|----------------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: Jeff. Co. Planning & Eng Hill | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|---|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees). | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input checked="" type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|---|-------|
| Please provide the following information | | Date: |
| County Name: <u>Jefferson Co</u> | Community Name/Organization: <u>U. Carthage</u> | |
| Your Name: <u>JOHN F. McKEE</u> | | |
| Your Address: <u>120 South Mechanic St Carthage, N.Y. 13619</u> | | |
| Daytime Phone: <u>315-493-4429</u> | E-mail: <u>JOHN.McKEE@ny.gov</u> | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhorman@dewberry.com (Email)
716-949-6327 (Phone)

will fill in / send sheet



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|---|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |



| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | |
| <p>Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details (date of plan and a point of contact).</i> | |
| What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens? <input type="checkbox"/> No additional assistance requested <i>Include training and topics your community would like assistance with.</i> | <input type="checkbox"/> Floodplain Management Training <input type="checkbox"/> Hazard Mitigation Training <input type="checkbox"/> Building and Enforcement Guidance <i>Other Assistance Needed:</i> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

**FEMA****Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)****Community Risk Map Worksheet**

| | | |
|--|---|-----------------------|
| Please provide the following information | | Date: 10/22/13 |
| County Name: Lewis | Community Name/Organization: Village of Castorland | |
| Your Name: Donna Lauck | | |
| Your Address: P.O. Box 4 Castorland NY 13620 | | |
| Daytime Phone: 315 376 3895 | E-mail: Castorland@twcny.rr.com | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rhernan@dewberry.com (Email)
716-949-6327 (Phone)

RECEIVED
BUREAU OF

OCT 28 2013

Page 4

FLOOD PROTECTION
AND DAM SAFETY

**FEMA****Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)****Stakeholders**

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | | | |
|---|--|----------------------------|--|
| County/Municipality/ Organization: | | Village of Castorland | |
| Name: | | Mark Burchenough | |
| Address: | | PO 104 Castorland NY 13620 | |
| Daytime Phone: | | E-mail: | |
| 315 686 3440 | | Castorland@tuxny.org.com | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| | | | |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |
| | | | |



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | | | |
|---------------------------------------|--------------|---|-------------------------|
| County/Municipality/ Organization: | | Village of Castorland / Town of Denmark | |
| Name: | | Mark Birchenough | |
| Address: | | PO 104 Castorland NY 13620 | |
| Daytime Phone: | 315 686 3440 | E-mail: | Castorland@twcny.rr.com |
| County/Municipality/ Organization: | | | |
| Name: | | | |
| Address: | | | |
| Daytime Phone: | | E-mail: | |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☒ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|---|------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local survey data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area).</i> <i>Include streams or reaches that should be studied or restudied.</i> | |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | |

**FEMA****Lake Ontario Watershed Discovery
WebEx#2 (series of sessions)**

| Historical Data Category | Response Details and Contact |
|--|------------------------------|
| Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Please provide type of activity and a point of contact.</i> | |
| Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, please provide details for location and a point of contact.</i> | |
| Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please include stream name and location of flooding.</i> | |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Yes, provide status: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated | <i>What projects are identified to help reduce the risk of future flood damage?</i> |
| Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, what is the nature of the development?</i> | |
| Does your community have a Land Use and Development Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Please provide details (date of plan and a point of contact).</i> | |



| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input checked="" type="checkbox"/> Hazard Mitigation Training</p> <p><input type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|--|---|-------|
| Please provide the following information | | Date: |
| County Name: Jefferson Co | Community Name/Organization: V. Chaumont / T. Lyne | |
| Your Name: David Lechnerauer | | |
| Your Address: | | |
| Daytime Phone: | E-mail: | |
| Contact Preference: <input type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman
1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)



FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county? If yes, please provide their contact information below.

| | |
|---------------------------------------|---------|
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

rely on Co.

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☐ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|------------------------------------|---|---------------------------------------|
| Political boundaries: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | annex 2 lots (B) |
| Transportation layers: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | maybe county? town? north in village |
| Land Use and Soil data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | redeveloping zoning both to US zoning |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | for on the way |
| Building footprints: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | no planning maybe |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

my Sept. town planning



FEMA



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|---|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Location of wind stations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | marina/yacht club might have data? (D) |
| Location of beach nourishment/ dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | limestone shoreline |
| Inland limit of the primary frontal dune: | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Historic shoreline change data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Areas with significant beach or bluff erosion | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Bluff recession rate data | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Coastal bluff setback regulations | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |

5. Other Data – Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--------------------------------|
| Location of flood control structures (berms, floodwalls, levees) | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Local survey data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | — |
| Local flood gage data or rain gage data <i>Type of Data:</i> | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|--|--|
| Are there any piped or underground streams within your community? | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | F underground stream |
| If yes, what is the location? How large is the pipe? | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. | <input type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | G - see proj.? 2012 developed ponds in wildlife refuge |
| Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements? | | |
| If yes, please provide details and contact. | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

- most islands severely eroded, limited update

| Historical Data Category | Response Details and Contact |
|---|--|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input type="checkbox"/> Yes <input type="checkbox"/> No | ① horsehoe creek - significant elevation drop, backs up water into Lyne (A on map) |
| If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). | all study (X) detailed in chart on Lyne |
| Include streams or reaches that should be studied or restudied. | 2 Soper Creek - impacts three miles bay |
| Does your community have experience with flood disasters and flood disaster recovery? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3 3 mile creek - impacts all domes |
| If yes, please provide details. When did areas within your community flood and what areas were impacted? | |



FEMA



| Historical Data Category | Response Details and Contact |
|---|------------------------------|
| <p>Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>Please provide type of activity and a point of contact.</i></p> | |
| <p>Are there verifiable flood high-water marks located within your community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details for location and a point of contact.</i></p> | |
| <p>Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please include stream name and location of flooding.</i></p> | <p>isolated ponding</p> |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|---|--|
| <p>Does your community have a hazard mitigation plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Yes, provide status:</p> <p><input type="checkbox"/> Adopted (year: _____)</p> <p><input type="checkbox"/> Under Review</p> <p><input type="checkbox"/> Currently being updated</p> | <p><i>What projects are identified to help reduce the risk of future flood damage?</i></p> |
| <p>Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, what is the nature of the development?</i></p> | <p>development in Lyne along chaumont river (C) chaumont river corridor study by the Town of Clayton</p> |
| <p>Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Please provide details (date of plan and a point of contact).</i></p> | <p>land use code being updated Town & Village</p> |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|--|--|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Comprehensive Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input checked="" type="checkbox"/> Floodplain Management Training</p> <p><input checked="" type="checkbox"/> Hazard Mitigation Training</p> <p><input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> <p><i>** need training in all but is lacking in the area focus on political officials to</i></p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.



FEMA



Community Risk Map Worksheet

| | | |
|---|--|-----------------|
| Please provide the following information | | Date: 10/18/13. |
| County Name: Jefferson. | Community Name/Organization: Village of Dexter. | |
| Your Name: JAMES R EVES. | | |
| Your Address: PO Box 62. Dexter. NY 13634 | | |
| Daytime Phone: 315 639 6260 | E-mail: mayordexter@tds.net. | |
| Contact Preference: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Phone <input type="checkbox"/> Mail | | |

The Federal Emergency Management Agency (FEMA) is undertaking a new Risk MAP analysis in your watershed. Risk MAP is Mapping, Assessment and Planning, and is an initiative to provide communities with flood information and tools that they can use to enhance mitigation and reduce flood risks. Risk MAP products include updated Flood Insurance Rate Maps as well as non-regulatory flood risk data on a watershed basis. The New York State Department of Environmental Conservation (NYSDEC) is cooperating with FEMA to help develop Risk Map background and scoping data through a process known as Discovery.

Discovery is the initial phase of a FEMA Risk MAP project, in which FEMA and NYS seeks to learn about the unique issues in a watershed. The Discovery process provides for data collection within a watershed. Through this process FEMA and NYS are trying to gather data that identifies flood risk, historical flooding information, existing flood hazard data and mitigation activities. All of these items will be incorporated into a final scope of work for the Risk MAP project. It is important to be aware that the Discovery process does not necessarily mean a new flood study will take place – rather it is a process by which FEMA learns about the issues in a watershed and prioritizes the need for new studies.

In order to develop preliminary information in advance of an in-person Discovery meeting, we respectfully request that you take a little time to fill out the attached information.

Please provide as much information as possible. If you have questions about the Discovery process or about completing this worksheet, please contact Kelli Higgins-Roche.

Once you have completed this worksheet, please return the form to:

NYSDEC
Attn: Kelli Higgins-Roche
Floodplain Management Section
625 Broadway, 4th Floor
Albany, NY 12233-3504
floodpln@gw.dec.state.ny.us. (Email)
518-402-8185 (Phone)

Dewberry
Attn: Rachael Heltz Herman

1066 Long Pond Road
Rochester, NY 14626
rherman@dewberry.com (Email)
716-949-6327 (Phone)





FEMA



Stakeholders

1. Stakeholders include all people who have information important for flood risk analysis, and organizations that have important data or represent populations particularly concerned with flooding and flood maps.

Are there other community officials, community groups or watershed groups you think we should add to our contact list that would be interested in learning about the project? Please provide names and any contact information you may have.

| | |
|---------------------------------------|------------------------------|
| County/Municipality/ Organization: | |
| Name: VILLAGE of DEXTER | |
| Address: PO Box 62 Dexter NY | |
| Daytime Phone: 639 6260 | E-mail: mayor.Dexter@tds.net |
| County/Municipality/ Organization: | |
| Name: Enel (DEXTER Hydro.) | |
| Address: DEXTER. | |
| Daytime Phone: 771-9291. | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |



FEMA



2. Are there any people or agencies that are utilizing GIS technology in your community or county?
If yes, please provide their contact information below.

| | |
|--|---------|
| County/Municipality/ Organization: | |
| Name: <u>Jefferson Co. Planning Dept.</u> | |
| Address: <u>175 Arsenal St. Watertown NY 13601</u> | |
| Daytime Phone: <u>315 785 3144</u> | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |
| County/Municipality/ Organization: | |
| Name: | |
| Address: | |
| Daytime Phone: | E-mail: |

Existing Mapping Data

3. Base Map Data – Does your organization/community have any of the following mapping or GIS data? Provide additional contact information below.

☒ Check here if the GIS Contact is listed above in the Stakeholders section.

| Base Map Data Category | File Type | Contact for Data |
|---------------------------------------|--|----------------------|
| Political boundaries: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Transportation layers: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Land Use and Soil data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | <u>Jefferson Co.</u> |
| Parcel and Zoning data: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Building footprints: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Essential / Critical Facilities: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historical flood Inundation Areas: | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |



FEMA



4. Coastal Data (Great Lakes or Tidal Coastal Communities Only) - Is any of the following information available as either GIS data layers or in some other format?

| Coastal Data Category | File Type | Contact for Data |
|--|--|------------------|
| Bathymetry (topography along the shoreline and waterline) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | Jeff Co |
| Location of coastal structures such as sea walls or groins | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Wave or tidal gauge data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of wind stations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of beach nourishment/dune restoration projects: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Inland limit of the primary frontal dune: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Historic shoreline change data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Areas with significant beach or bluff erosion | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Bluff recession rate data | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Coastal bluff setback regulations | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

5. Other Data - Is any of the following information available as either GIS data layers or in some other format?

| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--|
| Location of flood control structures (berms, floodwalls, levees) | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| Location of any dams within your community | <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | 3 dams - may have information |
| Local survey data Type of Data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | See Jefferson Co. Study listed on last page. |
| Local flood gage data or rain gage data Type of Data: | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |

• 2014/2015 : State DOT will replace bridge on Rt 180 and will make it wider

Page 4

• County looking at doing something to Bridge to that goes to Island Hudsonian



FEMA



| Other Data Category | Response Details | Contact for who maintains data |
|--|---|--------------------------------|
| Are there any piped or underground streams within your community? | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, what is the location? How large is the pipe?</i> | | |
| Relevant reports/ studies that include hydrology and/or hydraulics. <i>Are there any recent ongoing or proposed projects, such as DOT, USACE, NRCS or other privately funded projects, including bridge and culvert replacements?</i> | <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Hard Copy <input type="checkbox"/> Digital (ie. Shapefile) | |
| <i>If yes, please provide details and contact.</i> | | |

6. Flood Mitigation Planning, Mapping Needs and Historical Data.

| Historical Data Category | Response Details and Contact |
|--|--|
| Are the current FEMA Special Flood Hazard Areas accurate for you your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If no, detail the extent of the inaccuracy. Provide stream names and reaches (i.e. starting and ending location) and location type (rural, urban, commercial development area, residential area). Include streams or reaches that should be studied or restudied.</i> | <i>Digital conversion may be sufficient</i> <i>Liberty & Water St. Lock St.</i> |
| Does your community have experience with flood disasters and flood disaster recovery? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details. When did areas within your community flood and what areas were impacted?</i> | <i>Liberty & Water St. Lock St.</i> |



FEMA



| Historical Data Category | Response Details and Contact |
|--|--|
| Has your community had any prior mitigation activities (such as buy outs that resulted in reduced flood losses)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Please provide type of activity and a point of contact.</i> | |
| Are there verifiable flood high-water marks located within your community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please provide details for location and a point of contact.</i> | DPW would have high water marks Saw plant - 1998 ice storm high water marks |
| Are there areas in your community with repeated flooding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes, please include stream name and location of flooding.</i> | Black River Liberty St. |

7. Community Plans and Projects

| Community Plans and Projects | Plan/Report Details and Contact |
|--|---|
| Does your community have a hazard mitigation plan? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Yes, provide status: <input type="checkbox"/> Adopted (year: _____) <input type="checkbox"/> Under Review <input type="checkbox"/> Currently being updated | What projects are identified to help reduce the risk of future flood damage? may have adopted the Jefferson Co. HMP. |
| Are there areas where there has been recent development or that is likely to have future development pressures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes, what is the nature of the development?</i> | |
| Does your community have a Land Use and Development Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Please provide details (date of plan and a point of contact).</i> | |



FEMA



| Community Plans and Projects | Plan/Report Details and Contact |
|---|---|
| <p>Does your community have an Open Space Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | |
| <p>Does your community have a Storm Water Program or Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Town of Hardsfield/Jefferson/Dexter: in process of developing sewer district. Receive grant in 2014</p> |
| <p>Does your community have a Comprehensive Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>W prelim. survey next summer.</p> <p>Liberty & Water Street will be getting new storm h2o and Sanitary Sewer.</p> |
| <p>Does your community have or participate in a Watershed Management Plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><i>If yes, please provide details (date of plan and a point of contact).</i></p> | <p>Village is updating sewer plant - construction in 2014</p> <p>Grant from USDA RA</p> |
| <p>What would assist in your community's ability to implement mitigation activities and communicate flood risk to your citizens?</p> <p><input checked="" type="checkbox"/> No additional assistance requested</p> <p><i>Include training and topics your community would like assistance with.</i></p> | <p><input type="checkbox"/> Floodplain Management Training</p> <p><input type="checkbox"/> Hazard Mitigation Training</p> <p><input checked="" type="checkbox"/> Building and Enforcement Guidance</p> <p><i>Other Assistance Needed:</i></p> <p>for planning board</p> |

8. Comments and Additional Information that should be considered as part of the Lake Ontario Watershed Discovery Process.

Include supporting documents (i.e. map of primary mapping needs or areas with reoccurring problematic flooding), citations for reports, and contacts that should be included.

Bernier & Carr did a flood study \approx 5 yrs for Jefferson County?

Jerry Kostyk in charge of the survey or 500 yr F.P.