

Discovery Report Appendix H

Discovery Meeting Summary Memorandum

Oneida Lake Watershed

HUC 04140202

September 2016



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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Bureau of Flood Protection and Dam Safety

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Memorandum

To: Oneida Lake Watershed Discovery Project File
From: NYSDEC Floodplain Management Section
Date: August 2016
Re: Oneida Lake Watershed Discovery Meeting Summary

Two initial Pre-Discovery webinars were held for all stakeholders within the Oneida Lake Watershed on April 5, 2016 and April 7, 2016. The purpose of these webinars was to:

- introduce watershed stakeholders to Risk MAP Discovery project concepts;
- review the Discovery Stakeholder Survey to be completed by watershed stakeholders; the survey served as a way for FEMA and NYSDEC to collect information upfront on communities' mapping needs and existing data that could be incorporated into a possible Risk MAP project; and
- to discuss upcoming timelines for future Discovery Meetings and the Discovery project overall.

Five Risk MAP Discovery Meetings were held in the Oneida Lake Watershed during the week of May 23, 2016. The purpose of the Discovery Meetings was to present the draft Discovery Report and Maps containing the information collected to date, and to provide the communities with an additional opportunity for input.

This memo is a summary of the information collected through the Discovery project engagement process for the Oneida Lake Watershed and will be used to determine the floodplain mapping restudy priorities.



Department of
Environmental
Conservation

Lewis County, CID# 36049C

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: May 6, 2016, May 12, 2016, May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Alayna Arthur, Tax Map Technician (Meeting)

Lewis County

7660 North State Street

Lowville, NY 13367

315-377-2025

alaynaarthur@lewiscounty.ny.gov

Russell Brownell, GIS Specialist (Pre-Meeting Survey and Meeting)

Lewis County

7660 North State Street

Lowville, NY 13367

315-377-2026

russbrownell@lewiscounty.ny.gov

Frank Pace, Director of Planning (Meeting)

Lewis County

7660 North State Street

Lowville, NY 13367

315-377-5422

frankpace@lewiscounty.ny.gov

David Becker, Highway Superintendent (Pre-Meeting Survey)

Lewis County

7660 North State Street

Lowville, NY 13367

315-376-5350

davidbecker@lewiscounty.ny.gov

Nichelle Billhardt, County Soil and Water Conservation District (Meeting)

Lewis County

5274 Outer Stowe Street, Suite 1

Lowville, NY 13367

315-376-6122

nichellebillhardt@lewiscounty.ny.gov

Michele Ledoux, Cornell Cooperative Extension (Meeting)

Lewis County

5274 Outer Stowe Street, Suite 1

Lowville, NY 13367

315-376-5270

mel14@cornell.edu

Lewis County Stream Study Requests (in priority order):

1. No specific inaccuracies noted but a digital product and model-backed approximate floodplains would be useful.

Other Stakeholders:

- N/A

GIS Users:

- Russell Brownell, GIS Specialist
Lewis County
7660 State Street
Lowville, NY 13367
315-377-2026
russbrownell@lewiscounty.ny.gov

Historical Flood Problems:

- No major flooding occurs in the watershed and most areas are undeveloped.
- There are no verifiable high water marks in the Oneida Lake Watershed.

Community Planning and Ongoing Projects:

- The Town of West Turin has two bridges that may be repaired or replaced in the future.
- There is not recent or planned residential or commercial development in the county/watershed.
- There are no piped or naturally occurring underground streams in the county.
- The county does not have an open space plan.
- The county does not have or participate in a watershed management plan.

Mitigation Activities:

- The county hazard mitigation plan has not been updated in five years. An application has been submitted for FEMA grant funding to perform the update.
- The county did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Hazard Mitigation & Grant Programs
 - Individual and Public Assistance Programs

These are rural communities with little development, so officials are not so familiar with floodplain requirements. The county is interested in training for county officials as well.

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters located in the Oneida Lake Watershed.
- The county is aware of the CRS program but does not need additional information about it.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Russ Brownell, GIS Specialist
 - Transportation feature data are available in GIS format.
 - Contact: Russ Brownell, GIS Specialist
 - Parcel and zoning data are available in GIS format.

- Contact: Russ Brownell, GIS Specialist
- Building footprint data are available in GIS format.
 - Contact: Russ Brownell, GIS Specialist
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are available in GIS format.
 - Contact: Russ Brownell, GIS Specialist
 - Local survey data are available in hard copy and GIS format.
 - Contact: Russ Brownell, GIS Specialist
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects.
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format.
 - Contact: Russ Brownell, GIS Specialist
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - The County uses FEMA Q3 data for floodplain boundaries.

Additional Comments:

- From Scoping Maps
 - Generalized areas with some population were noted on the map, all of which were outside of the Oneida Lake Watershed.
 - West Turin has two bridge placements planned in very rural area – locations not specified.
- Other
 - Population and flooding issues in the county are mainly in the Black River Watershed; Oneida Lake Watershed area is more flat with wetlands and has very limited population.

Town of Lewis, Lewis County, CID# 360368

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Lewis Stream Study Requests (in priority order):

The Town of Lewis chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Martinsburg, Lewis County, CID# 360372

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Martinsburg Stream Study Requests (in priority order):

The Town of Martinsburg chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Montague, Lewis County, CID# 361596

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Montague Stream Study Requests (in priority order):

The Town of Montague chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Osceola, Lewis County, CID# 360374

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Osceola Stream Study Requests (in priority order):

The Town of Osceola chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of West Turin, Lewis County, CID# 360378

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of West Turin Stream Study Requests (in priority order):

The Town of West Turin chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Madison County, CID# 36053C**Pre- Discovery Webinar Attendance:** Attended**Discovery Stakeholder Survey Completed:** May 2, 2016; May 9, 2016; May 24, 2016**Discovery Meeting Attendance:** May 24, 2016**Community Representative(s):**

Scott Ingmire, Director, Madison County Planning Department (Pre-Meeting Survey/Meeting)

PO Box 606

Wampsville, NY 13163

315-366-2498

scott.ingmire@madisoncounty.ny.gov

Mike Sudol, Planner, Madison County Emergency Management (Pre-Meeting Survey/Meeting)

PO Box 577

Wampsville, NY 13163

315-366-2549

mike.sudol@madisoncounty.ny.gov

Ted Halpin, Emergency Manager (Meeting)

138 N. Court Street

Wampsville, NY 13163

315-366-2789

Ted.Halpin@madisoncounty.ny.gov**Madison County Stream Study Requests (in priority order):**

1. FIRMs date back to the early 1980s. Digital format is badly needed, although the maps are not necessarily inaccurate.

Other Stakeholders:

- Dave Nicosea from the National Weather Service (NWS) Binghamton office.
- Steve Lorraine, Madison County Soil and Water Department

GIS Users:

- Michael Ellis, GIS Technician, Madison County Tax Mapping Department
138 N. Court St.
Wampsville, NY 13163
Phone: 315-366-2348
michael.ellis@madisoncounty.ny.gov
- Scott Ingmire, Director, Madison County Planning Department
PO Box 606
Wampsville, NY 13163
315-366-2498
scott.ingmire@madisoncounty.ny.gov

Historical Flood Problems:

- Severe 2013 flooding affected the City of Oneida (damages limited to Oneida Creek affecting homes and businesses in "The Flats"), Town and Village of DeRuyter (damages to infrastructure, stream banks, and private property), and Towns of Vernon and Sherrill.

- There are repeated flooding problems along Oneida Creek (City of Oneida), Chittenango Creek (Town of Sullivan and Village of Chittenango) and Tioughnioga Creek and tributaries (Town and Village of DeRuyter).
- Spring flooding along Canastota Creek is common.
- Ice jams are a problem north of the Village of Chittenango.
- Bill Vinell, of City of Oneida Ambulance Service has a high water mark marked in his office.

Community Planning and Ongoing Projects:

- In 2014, the NYS Governor's Office commissioned a study to identify infrastructure projects resulting from the 2013 floods. The report titled "NY Rising Countywide Resiliency Plan" identified numerous projects across the county that would require mitigation. In late 2015 the Governor's Office announced \$800,000 in grant funding was awarded to Madison County to be used for high priority projects. The grant project will be administrated by the New York State Dormitory Authority (DASNY). The City of Oneida will be replacing 3-4 bridges/culverts and performing stream restoration as part of this grant. Joe Wisinski is the point of contact.
- There is plan to mitigate the water treatment plant in the City of Oneida that is located in the floodplain.
- There is development occurring on the north side of the Village of Chittenango – a condo development along Oneida Lake.
- There are piped and/or naturally occurring underground streams in the county. There are karst areas in the central part of the county. Steve Lorraine of Madison County Soil and Water is the point of contact.
- The county does not have an open space plan.
- There is an Oneida Lake Watershed Management Plan that was prepared in 2006.
- The county has a water quality strategy and an agricultural and farmland protection plan prepared in 2005 that is currently being updated.
- An Old Erie Canal Waterfront Revitalization Plan is currently being developed.

Mitigation Activities:

- The current county hazard mitigation plan expired in 2013. The county is 2/3 of the way done with the update. Mike Sudol is the point of contact.
- There are 152 buyouts in the City of Oneida underway with HMGP funding.
- The City of Oneida is performing bridge and culvert upgrades and stream relocation with DASNY funding. Much of this work is outside of the Oneida Lake Watershed.

Training Needs:

- Training on the following topics would be helpful:
 - Floodplain Management Administration
 - National Flood Insurance Program

National Flood Insurance Program/Floodplain Management Information:

- The county is not aware of any LOMC clusters.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Mike Ellis, Madison County Tax Mapping Department (315-366-2348)
 - Transportation feature data are available in GIS format.

- Contact: Mike Ellis, Madison County Tax Mapping Department (315-366-2348)
 - Parcel data are available in GIS format.
 - Contact: Mike Ellis, Madison County Tax Mapping Department (315-366-2348)
 - Zoning data are not completely digital.
 - Contact individual communities.
 - Building footprint data are available in GIS format. The Chesapeake Bay Association is performing updated land use coverage for the whole county, which is almost at the level of building footprints.
 - Contact: Mike Ellis, Madison County Tax Mapping Department (315-366-2348)
- **Engineering Data**
 - Locations of flood control structures are not available.
 - Locations of dams are available in GIS format. High hazard dams include Bradley Brook Dam, DeRuyter Dam, Eatonbrook Dam, Erieville Dam, Kingsley Brook Dam, Lake Moraine Dam, and Leland Pond Dam.
 - Contact: Mike Ellis, Madison County Tax Mapping Department (315-366-2348)
 - LiDAR was collected by the state for the area in 2015.
 - The NWS is working on developing rain gage data for the area.
 - Contact: Dave Nicosea from the NWS Binghamton office.
 - The NWS maintains 3 river gages in the county, one on Oneida Creek south of the City of Oneida, one on Chittenango Creek south of the Village of Chittenango, and one on Cowaselon Creek in the Village of Canastota. These data are available in a non-GIS digital format.
 - Contact: Dave Nicosea from the NWS Binghamton office.
 - The county's NY Rising Countywide Resilience Plan that was developed in 2014 as a result of the 2013 flooding is available in digital format
 - Contact: Madison County Emergency Management Office.
- **Risk Assessment Data**
 - Essential/critical facilities data are available in GIS format.
 - Contact: Mike Ellis, Madison County Tax Mapping Department (315-366-2348)
 - Copies of high-hazard dam Emergency Action Plans (EAPs) and inundation maps are available.
 - Madison County Emergency Management Office
 - Historical flood inundation areas are not available.

Additional Comments:

- **From Scoping Maps**
 - There is lakeshore development in the far northern portion of the county.
 - Area of buyouts in the City of Oneida along Oneida Creek near Route 46.
 - A Canal Corporation gage along an unidentified stream near the Tioughnioga State Wildlife Management Area was noted. Another Canal Corporation gage near a tributary to the De Ruyter Reservoir was also noted, north of Route 13.

- Other
 - The county produced their own maps showing the FEMA flood hazard information and provided an example at the meeting.

Village of Canastota, Madison County, CID# 360393

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 9, 2016, May 24, 2016

Discovery Meeting Attendance: May 24, 2016

Community Representative(s):

Larry Carpenter, Village Administrator (Meeting)
205 S. Peterboro St.
Canastota, NY 13032
315-697-7559
LarryCarpenter@canastota.com

Michael Adsit, Code Enforcement Officer (Pre-Meeting Survey*)
205 S. Peterboro St.
Canastota, NY 13032
315-697-8963
MikeAdsit@canastota.com

**Only completed contact information section*

Village of Canastota Stream Study Requests (in priority order):

1. A new detailed study for unnamed tributary to Canastota Creek (from Village line to the confluence with Canastota Creek) is needed. It is the main flooding source that affects the village and has not yet been studied.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- 5-6 years ago, the unnamed ditch by West Hickory and James Street flooded. This area has flooded on previous occasions as well.
- Recent flooding has been worse than average in southern parts of the community.
- There may be verifiable high water marks in the community.

Community Planning and Ongoing Projects:

- There are plans underway for a new sewage treatment plant (on north side of village, North Main Street); a new pump station; sewer separation throughout the village.
- Multiple culvert replacements are planned throughout the village.
- There are plans for development at the following locations:
 - South of Route 5, west of Mt. Pleasant - 50 units - could have an impact on the floodplain.
 - Low lying development on Getmac Avenue - 20 units - there has been flooding in this area in the past.
- Development is increasing fill in the ditch by South Main Street south of Route 5.
- There are no piped or naturally occurring underground streams in the community.
- The village does not have an open space plan.

- There is a board set up to supervise the Cowaselon Watershed. There is not a lot of activity associated with this board at the moment. Funding is needed to clear out ditches from 1930s-40s. Tom Bush from the Town of Lenox Board may have more information.

Mitigation Activities:

- Larry Carpenter, Village Administrator is the point of contact for the village's participation in the county hazard mitigation plan.
- The village has cleared out ditches as a mitigation measure. This activity is referenced in the hazard mitigation plan.

Training Needs:

- Flood insurance and flood mitigation focused training would be useful for the village.

National Flood Insurance Program/Floodplain Management Information:

- The community representative was unsure of Letter of Map Change (LOMC) concentrations. Larry Carpenter, Village Administrator will follow up on this.
- The village is aware of the Community Rating System (CRS) program and would like more information about it sent to Mike Adsit, Code Enforcement Officer.
- Floodplain permitting is included in the building permit process. Mike Adsit, Code Enforcement Officer, is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundaries are available in hard copy, GIS, and other digital format.
 - Contact: Mike Adsit, Code Enforcement Officer
 - Transportation features are available in hard copy, GIS, and other digital format.
 - Contact: Mike Adsit, Code Enforcement Officer
 - Parcel and zoning data are available in hard copy, GIS, and other digital format.
 - Contact: Mike Adsit, Code Enforcement Officer
 - Building footprint data are available in hard copy format.
 - Contact: Mike Adsit, Code Enforcement Officer
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy, GIS, and other digital format.
 - Contact: Mike Adsit, Code Enforcement Officer
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects in the village.
- Risk Assessment Data
 - Essential/critical facilities data are not available.
 - There may be hazard mapping data available for the wastewater treatment plant in the village.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Location of new pump station for wastewater treatment plant noted as west of North Main Street and east of Canastota Creek.
 - Low lying areas were noted south of Getmac Avenue.

- Development site was indicated just south of the corporate limits and Route 5/13, west of Canastota Creek.
- Other
 - N/A

Town of Cazenovia, Madison County, CID# 361290

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Cazenovia Stream Study Requests (in priority order):

The Town of Cazenovia chose not to attend the in-person Discovery Meeting and no Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Village of Cazenovia, Madison County, CID# 360394

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Cazenovia Stream Study Requests (in priority order):

The Village of Cazenovia chose not to attend the in-person Discovery Meeting and no Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Village of Chittenango, Madison County, CID# 360395

Pre- Discovery Webinar Attendance: Yes

Discovery Stakeholder Survey Completed: May 24, 2016

Discovery Meeting Attendance: May 24, 2016

Community Representative(s):

Jeff Geer, Code Enforcement Officer

222 Genesee Street

Chittenango, NY 13037

315-687-5143

jgeer@twcny.rr.com

Village of Chittenango Stream Study Requests (in priority order):

1. An updated detailed study for Chittenango Creek is needed. Multiple bridge and culvert replacements have occurred since the last study. There is also a LOMC cluster in the Valley Acres subdivision. The current flood hazard information shown is not accurate.
2. A new detailed study for the unnamed tributary to Chittenango Creek south of West Genesee Street is needed. This flooding source currently has an approximate study, the floodplain boundaries of which are not accurate.

Other Stakeholders:

- Mark Pulver, Village Administrator (315-687-3936)
- Robert Salmone, Planning Board Chairman (315-687-3936)
- Dan Walker, Zoning Board Chairman (315-687-3936)

GIS Users:

- N/A

Historical Flood Problems:

- Over 10 years ago, the entire downtown flooded (before bridge/culvert upgrade projects on Chittenango Creek).
- Routine spring flood commonly occurs due to rain.
- There is a verified U.S. Army Corps of Engineers (USACE) high water mark on the Madison Street bridge downtown across Chittenango Creek.

Community Planning and Ongoing Projects:

- There have been multiple bridge and culvert replacements along Chittenango Creek since the last Flood Insurance Rate Map (FIRM) update.
- There is not recent or planned residential or commercial development in the village.
- Chittenango Creek and Old Erie Canal were identified as piped streams within the village.
- The village does not have an open space plan or have/participate in a watershed management plan.

Mitigation Activities:

- Jill Doss, Village Clerk (315-687-3936) is the point of contact for the village's participation in the county hazard mitigation plan.
- The village has not performed any flood mitigation activities beyond the enforcement of their floodplain ordinance.

Training Needs:

- Training on the following topics would be helpful to the village:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There is a cluster of LOMCs in the Valley Acres Subdivision along Chittenango Creek.
- The village is aware of the CRS program and would like more information about it.
- The village has an active floodplain development permit process and uses the NYSDEC template. Jeff Geer, Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundaries are available in hard copy format.
 - The village uses the Pictometry.com website for transportation features, parcel data, and building footprints.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy format.
 - Contact: Planning Board
 - Local flood gage or rain gage data are not available.
 - The village has flood hazard studies from recent USACE/DOT bridge and culvert replacements along Chittenango Creek.
- Risk Assessment Data
 - Essential/critical facilities: a nursing home near Chittenango Creek is located in the floodplain and is at significant risk; a fire station is on the outskirts of the floodplain.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Location of at-risk nursing home in the Chittenango Creek floodplain was indicated west of Route 5/13 and south of Russell Street. This structure was built in the 1980s.
 - Genesee Street bridge replacement over Chittenango Creek; culvert enlarged in the same vicinity near Lake Street. These upgrades were made within the past ten years.
- Other
 - N/A

Town of De Ruyter, Madison County, CID# 361291

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of De Ruyter Stream Study Requests (in priority order):

The Town of De Ruyter chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Eaton, Madison County, CID# 360398

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Eaton Stream Study Requests (in priority order):

The Town of Eaton chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Fenner, Madison County, CID# 360399

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Fenner Stream Study Requests (in priority order):

The Town of Fenner chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Lenox, Madison County, CID# 360404

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 17, 2016; May 24, 2016

Discovery Meeting Attendance: May 24, 2016

Community Representative(s):

John Pinard, Town Supervisor (Pre-Meeting Survey)

Town of Lenox

205 S. Peterboro Street

Canastota, NY 13032

315-697-9291

tolsuper@cnymail.com

Lois Brown, Assistant to the Town Supervisor (Meeting)

Town of Lenox

205 S. Peterboro Street

Canastota, NY 13032

315-697-9291

tolsuper@cnymail.com

Town of Lenox Stream Study Requests (in priority order):

1. An updated detailed study for Oneida Lake is needed due to recent development and regular seasonal flooding.
2. A new detailed study for the Tributary to Erie Canal north of Seneca Turnpike is needed. This flooding source currently has an approximate study, and recent residential development has occurred. The current floodplain is overstated.
3. An updated detailed study for Cowaselon Creek is needed. Flooding occurs in this area and the current study is outdated.
4. The Town has conducted a flood study along Main Street for Canastota Creek due to past flooding issues. This flood study should be reviewed for possible incorporation into the FIRM.

Other Stakeholders:

- N/A

GIS Users:

- Josh Stagnitti, Codes Officer, (315) 697-5575; tolcodes@cnymail.com
- Tanya Pifer, Assessor, (315) 697-9910; tolanya@cnymail.com

Historical Flood Problems:

- There were significant flood events in 1996 (Cowaselon Creek, Canastota Creek) and 1993 (Oneida Lake).
- There have been repeated flooding problems along Lewis Point from Oneida Lake (spring flooding) and also Cowaselon Creek and Canastota Creek.
- There is a verified high water mark for Oneida Lake. Lois Brown, Assistant to the Town Supervisor is the point of contact.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.

- There is a recent residential development (250 units) in the town along the Tributary to Erie Canal.
- There are no piped or naturally occurring underground streams in the town.
- The town does not have an open space plan or have/participate in a watershed management plan.

Mitigation Activities:

- Joseph Pinard, Town Supervisor (315-697-9291) is the point of contact for the town's participation in the county hazard mitigation plan. The town adopted the plan in 2013.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There have been a couple of recent LOMCs in the town. One was submitted for a property along Wilson Cove Road. The other was a Letter of Map Amendment (LOMA) denial along Kimberly Drive.
- The town is not familiar with the CRS program and would like more information about it.
- The town has an active floodplain development permit process. The town's Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundaries are available in GIS format.
 - Contact: Codes and Assessor's Office
 - Transportation features are available in GIS format.
 - Contact: Codes and Assessor's Office
 - Parcel data are available in GIS format.
 - Contact: Codes Office
 - Zoning data are available in hard copy format.
 - Contact: Codes Office
 - The town uses available aerial photography for building footprint data.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy for the new 250 unit development near Yorker Avenue.
 - Contact: Codes Office
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format.

- Contact: Codes Office
- Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
- Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Location of development (250 residential units) between Nelson Street and New Yorker Avenue noted.
 - Area of repeated flooding along Cowaselon Creek indicated. This area is at the intersection of Roberts Street and Court Street.
 - Area experiencing erosion along the south shore of Oneida Lake noted. This area is west of Route 13, south of the Black Brook confluence.
- Other
 - The town emphasized that they need updated FIRMs – there have been many changes over the years and the maps are outdated.

Town of Lincoln, Madison County, CID# 360405

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 24, 2016

Discovery Meeting Attendance: May 24, 2016

Community Representative(s):

Dennis Fields, Code Enforcement Officer

Town of Lincoln

3849 Timmerman Road

Canastota, NY 13032

315-264-3075

ofd240@gmail.com

Town of Lincoln Stream Study Requests (in priority order):

1. Clockville Creek is badly in need of a new detailed study. Residential development is occurring in this area. This flooding source is currently mapped as an approximate floodplain and the boundaries are not accurate. There is a narrow valley at risk from flooding and landslides.
2. Cowaselon Creek is in need of a new detailed study. The current approximate floodplain is not accurate.

Other Stakeholders:

- Darrin Ball, Town of Lincoln Supervisor (315-697-3812)

GIS Users:

- Madison County Tax Mapping Department (315-366-2348)

Historical Flood Problems:

- There have been no major floods in the last 10 years.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There is a project scheduled for this year or next year to replace/widen the Upper Lenox Road bridge. Madison County DOT is the point of contact.
- There is new development occurring in the town – 200 residential units in the western portion of the town (Oxbow/Ingalls Corner) and a commercial development (Wolf Oak Acres) is planned for a former quarry/landfill.
- There are no piped or naturally occurring underground streams in the town.
- The town does not have an open space plan or have/participate in a watershed management plan.
- The town has a comprehensive plan that was updated in 2014.

Mitigation Activities:

- The Town Supervisor is the point of contact for the town's participation in the county hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Hazard Mitigation & Grant Programs

In general, knowledge of floodplain requirements needs to be increased.

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the town.
- The town is not familiar with the CRS program and would like more information about it.
- The town has an active floodplain development permit process.

Available Data:

- Base Map Data
 - Political boundaries and transportation features are available from the Madison County Tax Mapping office (315-366-2348).
 - Parcel data are available in GIS format.
 - Contact: Madison County Tax Mapping office
 - Zoning data are available on the town's website.
 - Building footprint data are available in hard copy format.
 - Contact: Town Assessor's office
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - Madison County may have flood studies available for the Wolf Oak Acres commercial development along Limestone Creek (site of former landfill).
- Risk Assessment Data
 - Essential/critical facilities data are not available.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Wolf Oak Acres commercial development is between Cowaselon Creek and Brewer Road, north of Merrillsville.
 - Development is occurring between Harp Road and Nelson Road (200 new residential units)
- Other
 - Clockville Creek is the main priority. There is a significant risk for flooding in this area and the current approximate floodplain is not accurate.

Village of Munnsville, Madison County, CID# 360407

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Munnsville Stream Study Requests (in priority order):

The Village of Munnsville chose not to attend the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Town of Nelson, Madison County, CID# 361293

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Nelson Stream Study Requests (in priority order):

The Town of Nelson chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

City of Oneida, Madison County, CID# 360408
Pre- Discovery Webinar Attendance: Attended
Discovery Stakeholder Survey Completed: May 24, 2016
Discovery Meeting Attendance: May 24, 2016

Community Representative(s):

Jon Rauscher, City Engineer
109 North Main Street
Oneida, NY 13421
315-363-7222
jrauscher@oneidacity.com

City of Oneida Stream Study Requests (in priority order):

1. The unnamed tributary to Higinbotham Brook south of Cleveland Avenue is in need of a new detailed study. This area is being developed and it currently has an approximate study.
2. Higinbotham Brook is in need of an updated detailed study. Recent drainage improvements, including retention facilities, have occurred.
3. Oneida Creek is in need of an updated detailed study. Mitigation options are being considered for this flooding source - a railroad bridge is too small and a berm may be removed.
4. Cowaselon Creek Reach 2 (from Canal Road to eastern corporate limits) is in need of an updated detailed study. There is a proposed new industrial development along this stream.
5. Cowaselon Creek Reach 1 (from western corporate limits to 1,155 feet upstream to Canal Road)) is in need of a new detailed study. However, there is no development pressure in this area. This is a NYSDEC-owned wetland.

Digital FIRMs would be very helpful to have. There is also a discrepancy in the political boundary on the FIRM. The stream that serves as the City/County boundary has been relocated.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- In 2013, 240 buildings, including a wastewater treatment plant, were affected by flooding from Oneida Creek. A buyout process is underway for 152 properties affected.
- There is a USGS high water mark along Oneida Creek at Sconondoa Street and may be another in the City Park and at the Genesee Street bridge over Oneida Creek.

Community Planning and Ongoing Projects:

- There is a stream bank stabilization project underway for Oneida Creek in partnership with Madison County.
- There is an industrial development near the floodplain that may affect the floodplain in the future. Additionally, a school auditorium was built 10-12 years ago.
- There are multiple culverted streams in the city.
- The city does not have an open space plan or have/participate in a watershed management plan.

Mitigation Activities:

- The City participates in the county hazard mitigation plan.
- There are buyouts underway for 152 properties affected by the 2013 flooding. Demolition is scheduled to occur in winter 2016.

Training Needs:

- Training on effective public outreach would be useful for the city. Citizens want the city to dredge creeks, build flood control walls, but do not fully understand the risks.

National Flood Insurance Program/Floodplain Management Information:

- There are a few LOMAs concentrated around Cleveland Avenue but not in large numbers.
- The city is familiar with the CRS program and would like more information about it.
- The city has an active floodplain development permit process and uses the state model. Building permits go to Code Enforcement. The City Engineer is the floodplain administrator and reviews permits for floodplain issues.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Madison County
 - Transportation feature data are available in GIS format.
 - Contact: Madison County
 - Parcel and zoning data are available in GIS format.
 - Contact: Madison County
 - Building footprint data are available in GIS format.
 - Contact: Madison County
- Engineering Data
 - Locations of flood control structures are not available. There is a small berm in the City that was built in the 1960s – the berm height varies.
 - Locations of dams are available in hard copy and non-GIS digital format.
 - The NRCS is the point of contact.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - C&S Engineering prepared a study for the City for a Letter of Map Revision (LOMR) submittal for Higinbotham Brook in 2001. The LOMR was never completed.
 - The City is considering performing a flood study for a drainage ditch near Cleveland Avenue.
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format. There is a wastewater treatment plant in the floodplain.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available, except for older FEMA FIRMs in hard copy format.

Additional Comments:

- From Scoping Maps
 - There is a small concentration of LOMAs at Cleveland Avenue and Oxford Street.

- Proposed buyouts along Oneida Creek near Sconondoa Street and Walnut Street.
 - There is an underground culverted stream near Sands Street and Broad Street.
 - There is an industrial development west of Cowaselon Creek and south of Old Erie Canal (greenhouses). Not in the floodplain but could be in the future.
 - A school auditorium was built north of Genesee Street near a tributary to Oneida Creek 10-12 years ago.
- Other
 - N/A

Town of Smithfield, Madison County, CID# 361294

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Smithfield Stream Study Requests (in priority order):

The Town of Smithfield chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Stockbridge, Madison County, CID# 361412

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Stockbridge Stream Study Requests (in priority order):

The Town of Stockbridge chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Sullivan, Madison County, CID# 360409

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: May 24, 2016

Discovery Meeting Attendance: May 24, 2016

Community Representative(s):

Frank Park, Town of Sullivan Planning Board Chair
7507 Lakeport Road
Chittenango, NY 13037
315-687-6132

Phil Costanzo, Code Enforcement Officer (Did not attend meeting or complete survey but is the primary point of contact.)

Town of Sullivan
7507 Lakeport Road
Chittenango, NY 13037
315-687-5251

pcostanzo@townofsullivan.org

Town of Sullivan Stream Study Requests (in priority order):

1. North Chittenango Creek in the northwest corner of town needs an updated detailed study.
2. Oneida Lake needs an updated detailed study. There is floodway development pressure and an existing restudy on the Onondaga County side of the lake.

Other Stakeholders:

- N/A

GIS Users:

- Michael Ellis, GIS Technician, Madison County Tax Mapping Department,
michael.ellis@madisoncounty.ny.gov

Historical Flood Problems:

- There was a significant flood event 7-8 years ago.
- There are repeated flooded problems in the vicinity of Oneida Lake and the Northwest Hitchcock Checkpoint.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- A drainage ditch is currently being constructed along North Road south of Hitchcock Road due to poor soil conditions in the area.
- There is a potential for more development in the northwest; however, distances from schools are a disincentive.
- There are no piped or naturally occurring underground streams in the town.
- The town does not have an open space plan but related items are covered in its comprehensive plan.
- The town does not have a watershed management plan but an MS-4 related plan has been developed.

Mitigation Activities:

- The town is aware of the county hazard mitigation plan.

- Some stream clearing activities and bank stabilization have been performed as a result of county funding.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Building Code Requirements

The town would like to have a clear go-to person to reach out to regarding training and training needs.

National Flood Insurance Program/Floodplain Management Information:

- There are LOMCs concentrated near the lake shore in the northwest where there is significant residential development.
- The town is familiar with the CRS program and would like more information about it.
- The town has an active floodplain development permit process that could be updated with new templates. The town's floodplain administrator reviews permits for floodplain issues.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are available in hard copy format.
 - Parcel and zoning data are available in hard copy and digital format. The town is currently converting this information to digital format.
 - Building footprint data are available in hard copy and digital format. The town is currently converting this information to digital format.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - Essential/critical facilities data are not available. There are no critical facilities located in the floodplain.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available, except for older FEMA FIRMs in hard copy format.

Additional Comments:

- From Scoping Maps
 - There is floodway development pressure along Chittenango Creek near Ramsey Valley Road.
 - There is a 281 unit residential development that may require a LOMR along Chittenango Creek near Barrett Road.

- 85-90% of floodplain development permits are issued along Chittenango Creek in the far northern tip of the town.
- Other
 - N/A

Village of Wampsville, Madison County, CID# 361485

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Wampsville Stream Study Requests (in priority order):

The Village of Wampsville chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Oneida County, CID# 36065C

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 9, 2016; May 20, 2016; May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Jeff Quackenbush, Oneida County GIS Coordinator (Pre-Meeting Survey only)

321 Main Street

Utica, NY 13501

315-798-5710

jquackenbush@ocgov.net

Stefan Widonski, Assistant Civil Engineer (Pre-Meeting Survey/Meeting)

Oneida County

6000 Airport Road

Oriskany, NY 13424

315-793-6243

swidonski@ocgov.net

Rob Coluccio, Highway Maintenance Supervisor (Meeting)

Oneida County

6000 Airport Road

Oriskany, NY 13424

315-525-5540

rcoluccio@ocgov.net

Mike Sweatman, Oneida County 911 (Meeting)

120 Base Road

Oriskany, NY 13424

315-264-3475

mwsweatman@ocgov.net

Kevin Revere, Director of Emergency Services (Meeting)

Oneida County

120 Base Road

Oriskany, NY 13424

315-765-2527

krevere@ocgov.net

Fred Lampman, Deputy Director of Emergency Services (Meeting)

Oneida County

120 Base Road

Oriskany, NY 13424

315-765-2522

flampman@ocgov.net

Oneida County Stream Study Requests (in priority order):

1. There are many creeks/streams that have flood zones with no BFEs associated with them. Additionally, the spatial accuracy of those same flood zones is questionable. Clarification of BFEs and a more accurate picture of the inundation area would help the citizens near these flood areas.

Other Stakeholders:

- Kristin Campbell, Associate Planner, (315-798-5710), kcampbell@ocgov.net
- John Kent, Oneida Planning Commissioner (315-798-5710)

GIS Users:

Jeff Quackenbush, Oneida County GIS Coordinator
321 Main St
Utica, NY 13501
315-798-5710
jquackenbush@ocgov.net

Historical Flood Problems:

- Heavy rain storms have been the most recent problems. Many of the storms have been associated with the remnants of hurricanes. The creeks most affected are the Oriskany, Sauquoit, Fulmer, and Oneida Creeks, as well as the Mohawk River.
- 2013 summer storms affected the Towns of Augusta, Vernon, and Westmoreland. The flooding sources were Oneida Creek, Sconondoa Creek and its tributaries.
- Ice jams occur along Fish Creek in the Village of Sylvan Beach.
- Fulmer Creek, Sauquoit Creek, and Oriskany Creek have had repeated flooding problems, causing significant damage to property and infrastructure.
- The county planning department can provide photos of past high water from flood events.

Community Planning and Ongoing Projects:

- Multiple bridge replacement and bank stabilization projects are in progress:
 - Structure Replacements - Randel Road, CR 48, over Unnamed Creek, Town of Verona; Sheehan Road, CR 67A, over Christian Brook, Town of Annsville; North Road, CR 12, Town of Augusta; Superstructure Replacement - Lowell Road, CR 52, over Mud Creek, Town of Westmoreland; Structure Rehabilitation - Vienna Road, CR 54A, over Vienna Brook, Town of Vienna; Bridge Replacement - Knoxboro Road, CR 11, over Sconondoa Creek, Town of Augusta;
 - Point of Contact - Tim Decker (315-793-6228) or Stefan Widomski.
- There is not recent or planned residential or commercial development in the county.
- There are piped and/or naturally occurring underground streams in the county. Nail Creek through the City of Utica is the most substantial. It will need to be rebuilt at some point in the next 10-20 years.
- The county does not have an open space plan.
- The Sauquoit Creek watershed has a basin commission that looks after as much as possible in the Sauquoit Creek basin.

Mitigation Activities:

- The current 2012 county hazard mitigation plan is due for an update next year. Kevin Revere, Director of Emergency Management is the point of contact.
- The Sauquoit Creek basin has performed some stream restoration activities. The contact person is Kristin Campbell (kcampbell@ocgov.net).
- Mitigation activities are being performed for a trailer park in the Town of Vernon: Dixon's Mobile Manor and 3 homes on Prospect Street, also in Vernon.

Training Needs:

- Training on the following topics would be helpful:

- Floodplain Management Administration
- Effective Public Outreach
- Hazard Mitigation & Grant Programs
- Individual and Public Assistance Programs
- 406 requirements

National Flood Insurance Program/Floodplain Management Information:

- The county is not aware of any LOMC clusters located in the Oneida Lake Watershed.
- The county is not familiar with the CRS program and does not need more information about it.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Jeff Quackenbush, GIS Coordinator
 - Transportation feature data are available in GIS format.
 - Contact: Jeff Quackenbush, GIS Coordinator
 - Parcel and zoning data are available in GIS format.
 - Contact: Jeff Quackenbush, GIS Coordinator
 - Building footprint data are available in GIS format.
 - Contact: Jeff Quackenbush, GIS Coordinator
- Engineering Data
 - Locations of flood control structures are available in hard copy format.
 - Contact: Tim Decker, County Department of Public Works
 - Locations of dams are available in GIS and hard copy format.
 - Contact: Jeff Quackenbush, GIS Coordinator
 - Local survey data are available in hard copy format.
 - Contact: Tim Decker, County Department of Public Works
 - Local flood gage data are available in GIS format.
 - Contact: Jeff Quackenbush, GIS Coordinator
 - Flood hazard studies for public/private funded projects are available in hard copy format.
 - Contact: Tim Decker, County Department of Public Works
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format.
 - Contact: Jeff Quackenbush, GIS Coordinator
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - There is a gage near the Prospect Street Trailer Park.
 - A bridge wash out 20 years ago was noted along an unidentified stream south of Route 69.
 - An ice jam east of the lake in Sylvan Beach was noted.
- Other
 - N/A

Town of Annsville, Oneida County, CID# 360516

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Nate Mosley, Code Enforcement Officer/Floodplain Administrator
Town of Annsville
P.O. Box 250
Taberg, NY 13471
315-225-3063

Other Representative(s):

Jennifer Armstrong, Tug Hill Commission/Northern Oneida County Council of Governments
20 Glen Bridge Drive
Taberg NY 13471
315-371-7612
jamstrong@tughill.org

Town of Annsville Stream Study Requests (in priority order):

1. East Branch Fish Creek is in need of an updated detailed study. The current floodplain boundaries are not accurate.
2. Fish Creek needs an updated detailed study. The stream has moved and the floodplain boundaries are not accurate.
3. West Branch Fish Creek needs an updated detailed study. The stream has migrated and the current floodplain is overstated.
4. Green Brook is not currently studied at all but has flooding problems and needs a new detailed study.

Other Stakeholders:

- N/A

GIS Users:

- Mickey Dietrich, GIS Lead at Tug Hill Commission (mickey@tughill.org)

Historical Flood Problems:

- The area near Main Street and Blossville Road in Taberg has experienced repeated flooding that overtops the road.
- There is a verifiable high water mark on the Main Street bridge over East Branch Fish Creek.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the town.
- There are no piped or naturally occurring underground streams in the town.
- The town does not have an open space plan or have/participate in a watershed management plan.

Mitigation Activities:

- The town was involved in the recently updated county hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodway information and State compliance requirements

National Flood Insurance Program/Floodplain Management Information:

- There are a limited number of LOMAs along Bluevale Road.
- The town has an active floodplain development permit process. Nate Mosley, the Code Enforcement Officer, reviews permits for floodplain issues.

Available Data:

- Base Map Data
 - A variety of base map data sets in GIS format are available from Tug Hill Commission.
 - Contact: Mickey Dietrich, GIS Lead (mickey@tughill.org) at Tug Hill Commission
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are available from the City of Rome.
 - The City of Oneida may have survey data for Taberg.
 - It is not known if local flood gage or rain gage data are available.
 - There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - Essential/critical facilities data may be available from the Tug Hill Commission.
 - Contact: Mickey Dietrich, GIS Lead (mickey@tughill.org) at Tug Hill Commission
 - Boyd Dam inundation mapping is available in hard copy format.
 - Contact: City of Rome Public Works Department
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Area of overstated floodplain noted on map along East Branch Fish Creek east of Meadows Road.
 - Oneida County Blossvale Road bridge over Fish Creek noted as too low to convey floodwaters and that the Town/Village were held accountable when they should not have been.
 - Location of a high water mark is indicated on map.
- Other
 - The town has concerns that NYSDEC is not following certain rules but the town is held responsible.

Town of Augusta, Oneida County, CID# 360517

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 9, 2016, May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Jim Dowd, Augusta Town Board Member
1776 State Route 26
Oriskany Falls, NY 13425
315-281-7931 or 315-821-6482
j-ddowd@juno.com

Town of Augusta Stream Study Requests (in priority order):

1. A new detailed study for Tributary to Sconondoa Creek (East of Herney Road) in the Hamlet of Knoxboro is needed. This is currently an approximate study and is a hot spot flooding area in the town. A mapping error on the current FIRM was also noted in the vicinity of Knoxboro Road that needs to be corrected – the stream is not included within the mapped floodplain.
2. A new detailed study for Sconondoa Creek is needed. This is currently an approximate study – there are significant flooding issues in this area and the stream has shifted course.

Other Stakeholders:

- Jo-Anne Humphreys, Oneida County Soil and Water Conservation District (315-736-3334)
- Travis Wright, Town Board Member (315-725-1513)
- Gerald Pedersen, Village Board and Fire Department (315-821-6484)

GIS Users:

- N/A

Historical Flood Problems:

- Hamlet of Knoxboro has been flooding (Tributary to Sconondoa Creek) with slightly larger than average rainfall amounts for 40 years resulting in damage to personal property and infrastructure. On average this area floods every 5 years.
- In 2013, there were three flood events along Sconondoa Creek resulting in a change in stream flow near the Tanner and Oliver Road intersection.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- The town is in the planning stages with the Oneida County Department of Public Works to replace the culvert under North Road (Tributary to Sconondoa Creek) about 100 feet north of the Knoxboro Road intersection using DASNY grant funding. The area is partially located on private property which the town believes could cause a problem.
- There is not recent or planned residential or commercial development in the town.
- There is a culvert under North Road conveying water from the Tributary to Sconondoa Creek.
- While the town does not have a separate open space plan, elements are covered under their zoning plan which is being updated. The town planning and zoning boards are the points of contact.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The town representative was not familiar with a hazard mitigation plan.
- There is an opportunity for a buyout for a repetitive loss property in Knoxboro. The town would like more information on how this could be financed.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There are no concentrations of LOMCs in the town.
- The town is familiar with the CRS program but does not need additional information since they have very few flood insurance policies.
- The town does not have an active floodplain development permit process. The town representative was not sure who in the town reviews permits for floodplain issues.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Contact: Town Highway Superintendent
 - Transportation feature data are available in hard copy format.
 - Contact: Town Highway Superintendent
 - Parcel and zoning data are available in hard copy format.
 - Building footprint data are available in hard copy format.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - There is a flood study available for the Knoxboro area prepared by Oneida County Soil and Water Conservation District.
 - Contact: Jo-Anne Humphrey, Oneida County Soil and Water Conservation District (315-736-3334)
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format. There is one fire station in the floodplain at Oriskany Falls.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Location of potential culvert replacement and flooding problems along tributary to Sconodda Creek in Knoxboro noted on map close to the intersections of State Route 11 and 12.

- Other
 - The town would like to meet with a FEMA/NYSDEC representative at the site of floodprone areas to develop mitigation options.
 - The town is interested in getting more information about ways they can acquire funding for mitigation projects on private property.
 - Jo-Anne Humphreys of Oneida County Soil and Water Conservation District provided data via email of a FIRM mapping error in the vicinity of Knoxboro Road. Stream is not actually included in the mapped flood zone in this area.

Town of Ava, Oneida County, CID# 360518

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 2, 2016, May 3, 2016

Discovery Meeting Attendance: Did not attend

Community Representative(s):

Jeannie Dano, Town Clerk

Town of Ava

P.O. Box 68

Ava, NY 13309

315-942-4638 or 315-942-5669 Tuesday morning

deer101@frontiernet.net

Jim Ossont, Town Supervisor

Town of Ava

5529 West Ava Road

Ava, NY 13303

315-942-5204

Oss5@aol.com

Town of Ava Stream Study Requests (in priority order):

The Town feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- No flooding issues were noted.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There is a recent, ongoing, or proposed private/public project, such as a bridge/culvert replacement in the town. However, no specific information on the project was provided.
- There is not recent or planned residential or commercial development in the town.
- There are no piped or naturally occurring underground streams in the town.
- The town does not have an open space plan.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The county's hazard mitigation plan was adopted by the town in November 2014. James Ossont, the Town Supervisor is the point of contact.
- The town did not report any prior flood mitigation activities.

Training Needs:

- The town did not indicate any training needs.

National Flood Insurance Program/Floodplain Management Information:

- There are no concentrations of LOMCs in the town.
- The town is not familiar with the CRS program and is not interested in additional information about the program.
- The town does not have an active floodplain development permit process.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are not available.
 - Parcel and zoning data are available in hard copy format.
 - Building footprint data are available in hard copy format.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy format.
 - Local flood gage or rain gage data are not available.

There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - Essential/critical facilities data are available in non-GIS digital format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- None

Town and Village of Camden, Oneida County, CID# 360523 and 360993 respectively

Pre- Discovery Webinar Attendance: Yes

Discovery Stakeholder Survey Completed: April 25, 2016, May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Tyler Henry, Town/Village of Camden Code Enforcement Officer/Floodplain Administrator
57 Main Street
Camden, NY 13316
315-245-3136
henryfour@yahoo.com

Town and Village of Camden Stream Study Requests (in priority order):

1. A new detailed study for West Branch Fish Creek (south of Van Buren Road to the western corporate limits) is needed. There has been development along this stream. The current study is approximate and the floodplain boundaries are not accurate. Base Flood Elevations are needed.

Other Stakeholders:

- Tug Hill Commission

GIS Users:

- N/A

Historical Flood Problems:

- The last significant flood event was in 1972. The West Branch of Fish Creek and Mad River were affected.
- There is some repeated flooding along Little River in the southwest corner of the town. However, there are no homes in this area.
- There are no verifiable high water marks in the town or village.

Community Planning and Ongoing Projects:

- There are bridge replacements planned for Hopkins Road and Drought Road (widening) in the town. Mike Seymore (315-245-0710) is the contact person.
- There is some interest in developing the land along West Branch Fish Creek for residential and recreational use. Large lots have been subdivided but no building has started.
- There are no piped or naturally occurring underground streams in the communities.
- The town/village does not have an open space plan.
- The town/village has a watershed management plan. Village of Camden Water and Sewer Board member Robert Sauer (315-245-0560) is the contact person.

Mitigation Activities:

- The town/village adopted the county hazard mitigation plan in 2014. Dave Price, the Fire Chief (315-245-0710) is the point of contact.
- There are no prior flood mitigation activities that have occurred in the town/village.

Training Needs:

- Training on the following topics would be helpful to the town/village:
 - Effective Public Outreach
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There are no concentrations of LOMCs in the town/village.
- The town/village is familiar with the CRS program but does not need additional information about it.
- The town/village has an active floodplain development permit process. Tyler Henry, the Code Enforcement Officer, reviews permits for floodplain issues.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Transportation feature data are available in hard copy format.
 - Contact: Town/Village Department of Public Works
 - Parcel and zoning data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Building footprint data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are available in hard copy format.
 - Local survey data for multiple subdivisions are available.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Local flood gage or rain gage data are not available.
There are no available flood hazard studies for public/private funded projects in the town/village.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Desired restudy area for West Branch Fish Creek north of North Amboy Road near Westdale.
 - The Hopkins Road bridge over Little River in the southwest corner of the town is being replace.
 - The floodplain along West Branch Fish Creek near the confluence with Thompsons Branch has the potential for development.
- Other
 - The town/village recently had a Community Assistance Contact (CAC) with Mary Binder, Flood Hub NYSDEC.
 - There are two dams in the Village of Camden. A mill building along Fish Creek near one of the dams has been removed, which may have an impact on the floodway. There is also some undermining of the dam occurring. The dam owner is unknown.

Town of Florence, Oneida County, CID# 360527

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Tyler Henry, Town Code Enforcement Officer/Floodplain Administrator
Town of Florence
11899 Taberg-Florence Road
Camden, NY 13316
315-245-3136
henryfour@yahoo.com

Town of Florence Stream Study Requests (in priority order):

The Town feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- Mickey Dietrich, GIS Lead at Tug Hill Commission (mickey@tughill.org)

Historical Flood Problems:

- No flooding problems were noted.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- A subdivision near Rehm Road was built in the 1990s.
- There may be piped or naturally occurring underground streams in the community.
- The town does not have an open space plan. Most of the town is state owned land, with about 750/800 residences in 60 square miles.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- Tyler Henry, Code Enforcement Officer and the Fire Chief are the points of contact for the hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- No training needs were noted.

National Flood Insurance Program/Floodplain Management Information:

- There are no concentrations of LOMCs in the town.
- The town is not familiar with the CRS program and does not want additional information about the program.
- The town has an active floodplain development permit process and tries to discourage development in the floodplain.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Transportation feature data are available in hard copy format.
 - Contact: Department of Public Works
 - Parcel and zoning data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Building footprint data are available in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data for the subdivision on Rehm Road are available in hard copy.
 - Contact: Tyler Henry, Code Enforcement Officer
 - Local flood gage or rain gage data are not available.
 - There is a hydrology study available for the Rehm Road subdivision in hard copy format.
 - Contact: Tyler Henry, Code Enforcement Officer
- Risk Assessment Data
 - Essential/critical facilities data are not available.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - The Rehm Road subdivision was noted on the map east of the Mad River, west of Morris Road.
- Other
 - N/A

Town of Lee, Oneida County, CID# 360532

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Lee Stream Study Requests (in priority order):

The Town of Lee chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Village of Oneida Castle, Oneida County, CID# 361526

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Oneida Castle Stream Study Requests (in priority order):

The Village of Oneida Castle chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

City of Rome, Oneida County, CID# 360542

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 23, 2016

Discovery Meeting Attendance: Did not attend

Community Representative(s):

Joseph Guiliano, Engineer II
City of Rome
198 North Washington Street
Rome, NY 13440
315-339-7627
jguiliano@romecitygov.com

City of Rome Stream Study Requests (in priority order):

The City feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- Fred Schmidt, Commissioner of Public Works (315-339-7625)

Historical Flood Problems:

- Eastern Rome has experienced flooding problems from the Mohawk River.
- There are no verifiable high water marks in the city.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There has been recent development along Merrick Road, with 40 lots on $\frac{3}{4}$ acre.
- There are no piped or naturally occurring underground streams in the city.
- The city does not have an open space plan.
- The city has or participates in a watershed management plan but no details were provided.

Mitigation Activities:

- Fred Schmidt, Commissioner of Public Works is the point of contact for the hazard mitigation plan.
- The city did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the city:
 - Floodplain Management Administration
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- It was not indicated whether there were concentrations of LOMCs in the city.
- The city is not familiar with the CRS program and does not want additional information about the program.
- The city does not has an active floodplain development permit process.

Available Data:

- Base Map Data
 - Political boundary data, transportation feature data, parcel and zoning data, and building footprint data are available in GIS format.
- Engineering Data
 - Locations of flood control structures are available in hard copy and GIS format.
 - Locations of dams are available in hard copy and GIS format.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects in the city.
- Risk Assessment Data
 - Essential/critical facilities data are not available.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - N/A
- Other
 - N/A

City of Sherrill, Oneida County, CID# 360544

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

City of Sherrill Stream Study Requests (in priority order):

The City of Sherrill chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the City has no stream study requests at this time.

Village of Sylvan Beach, Oneida County, CID# 361042

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: May 5, 2016, May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Joe Benedict, Village Administrator

Village of Sylvan Beach

P.O. Box 508

Sylvan Beach, NY 13157

315-762-4844

beachbenedict@gmail.com

Village of Sylvan Beach Stream Study Requests (in priority order):

1. A revised detailed study is needed for Fish Creek which is the main area for repeat flooding in the village.

Other Stakeholders:

- N/A

GIS Users:

- Wanda Durant, Village Clerk (315-762-4844; vsbclerk@twcnny.rr.com)

Historical Flood Problems:

- The majority of community flood disasters in the village are in neighborhoods along Fish Creek. Fish Creek converges with the NYS Barge Canal which empties into Oneida Lake. Most flooding issues are caused by ice jams, usually at the NYS Route 13 bridge.
- Significant flooding in 2012/2013 occurred due to ice melt/unseasonably warm weather.
- Repeated flood events have occurred in the Fish Creek area north of the NYS Barge Canal.
- There are no verifiable high water marks in the village.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the village.
- There are no piped or naturally occurring underground streams in the village.
- The village does not have an open space plan.
- The village participates in the Oneida Lake Watershed Management Plan. The plan is dated April 2003.

Mitigation Activities:

- The village participates in the county hazard mitigation plan. Joe Benedict, the Village Administrator, is the point of contact.
- The village did not report any prior flood mitigation activities.

Training Needs:

- Training on effective public outreach would be helpful for the village. Training for residents that provides information on the building permit process (especially for seasonal residents) would be especially helpful.

National Flood Insurance Program/Floodplain Management Information:

- There is a LOMC cluster in the Fish Creek neighborhood in the vicinity of Marina Drive, Woodland Drive, Pioneer Drive, and Kenwood Avenue.
- The village is familiar with the CRS program and does not need additional information about the program.
- The village has an active floodplain development permit process based on the state model. John Porter, the Code Enforcement Officer, is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format. The village uses Google Earth for some digital information.
 - Transportation feature data are available in hard copy format.
 - Parcel and zoning data are available in GIS format.
 - Contact: Oneida County Mapping
 - Building footprint data are not available.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy format for small subdivisions.
 - Local flood gage or rain gage data are not available.
There are no available flood hazard studies for public/private funded projects in the village.
- Risk Assessment Data
 - Essential/critical facilities data are available in the county hazard mitigation plan.
 - There is an Emergency Action Plan for the Boyd Dam produced in 2010. This plan is maintained by the City of Rome Commissioner of Public Works. This dam is located 30 miles upstream of the village on Fish Creek.
 - Historical flood inundation areas are available in hard copy.

Additional Comments:

- From Scoping Maps
 - Area of desired restudy indicated on the map along Fish Creek – in vicinity of trailer park and campground east of Harborview Road.
- Other
 - N/A

Town of Vernon, Oneida County, CID# 360559

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Vernon Stream Study Requests (in priority order):

The Town of Vernon chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Village of Vernon, Oneida County, CID# 360560
Pre- Discovery Webinar Attendance: Did not attend
Discovery Stakeholder Survey Completed: May 3, 2016
Discovery Meeting Attendance: Did not attend

Community Representative(s):

Gerald Seymour, Jr., Mayor
Village of Vernon
P.O. Box 1130
Vernon, NY 13476
315-829-2777
jerryseymourjr@gmail.com

Village of Vernon Stream Study Requests (in priority order):

The Village feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- Flooding occurred along Sconondoa Creek in 2012.
- There are no verifiable high water marks in the village.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the village.
- There are no piped or naturally occurring underground streams in the village.
- The village does not have an open space plan.
- The village does not have or participate in a watershed management plan.

Mitigation Activities:

- No information was provided about hazard mitigation planning or activities.

Training Needs:

- No training needs were identified by the village.

National Flood Insurance Program/Floodplain Management Information:

- No information about LOMC clusters in the village was provided.
- The village is not familiar with the CRS program and does not need additional information about the program.
- No information was provided about whether the village has an active floodplain development permit process.

Available Data:

- Base Map Data

- Political boundary data are not available.
- Transportation feature data are not available.
- Parcel and zoning data are available in hard copy format.
- Building footprint data are not available.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.

There are no available flood hazard studies for public/private funded projects in the village.
- Risk Assessment Data
 - Essential/critical facilities data are not available.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - N/A
- Other
 - N/A

Town of Verona, Oneida County, CID# 360561

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Scott Musacchio, Town Supervisor

Town of Verona

6600 Germany Road

Durhamville, NY 13054

315-363-6799

supervisor@townverona.org

Town of Verona Stream Study Requests (in priority order):

1. Flood hazards along Brandy Brook are much larger than stated due to beaver dams.
2. Flood hazards along Stony Creek are much larger than stated due to beaver dams.

Other Stakeholders:

- N/A

GIS Users:

- Angel Schaub, Town Assessor (315-363-6799; assessor@townverona.org)

Historical Flood Problems:

- The Durhamville area has repeated flooding issues due to Oneida Creek.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There may be future residential development in the northwest part of town on beachfront property.
- There may be piped or naturally occurring underground streams in the northwest part of town.
- The town does not have an open space plan.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The town has adopted the county hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Effective Public Outreach
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- It is unknown if there are LOMC clusters in the town.

- The town is not familiar with the CRS program and would like to receive additional information about the program.
- The town does not have an active floodplain development permit process. Chris Childs, the Code Enforcement Officer, is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are available in hard copy format.
 - Parcel data are available in GIS format.
 - Zoning data are available in hard copy format.
 - Building footprint data are available in GIS format.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy format.
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - No critical facilities are located in the floodplain.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Areas along Stony Creek from Hartman Road to I-90 are affected by beaver dams which exacerbate flooding problems.
 - The Hartman Road bridge over Stony Creek is being replaced due to repetitive flooding.
 - Possible future residential development west of Black Creek in Verona Beach along Route 5.
- Other
 - N/A

Town of Vienna, Oneida County, CID# 360562

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Lorraine Padavan, Deputy Town Supervisor/Councilwoman
Town of Vienna
2107 Willow Point Drive
Blossvale, NY 13308
570-637-5469
Lorraine.Padavan1@gmail.com

Town of Vienna Stream Study Requests (in priority order):

1. An updated detailed study for Fish Creek is needed. The floodway shown is inaccurate and the Route 13 bridge causes ice jams.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- Most flooding is caused by ice jams (Route 13 bridge in Village of Sylvan Beach over Fish Creek) and warm weather causing snow melt.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the town.
- There are no piped or naturally occurring underground streams in the community.
- The town does not have an open space plan.
- The town participates in the Oneida Lake Watershed Management Plan. The plan is dated April 2003.

Mitigation Activities:

- The town participated in the development of the county hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Effective Public Outreach
 - Building Code Requirements
 - Floodplain Management Administration
 - Training for citizens about propane tank requirements and building codes.

National Flood Insurance Program/Floodplain Management Information:

- There is a LOMC cluster in the Fish Creek neighborhood, in the vicinity of Marina Drive, Woodland Drive, Pioneer Drive, and Kenwood Avenue in the Village of Sylvan Beach.
- The town is familiar with the CRS program and would like to receive additional information about the program.
- The town has an active floodplain development permit process that is based on the state model. The town's Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are available in hard copy format.
 - Parcel and zoning data are available in hard copy format.
 - Building footprint data are not available.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage data for Oneida Lake and the canal are available online.
 - There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - There is an Emergency Action Plan for the Boyd Dam available in hard copy format.
 - Historical flood inundation areas are available in the form of old paper FIRMs.

Additional Comments:

- From Scoping Maps
 - The top priority restudy area along Fish Creek from Harborview Road to Lewis Road.
- Other
 - N/A

Town of Westmoreland, Oneida County, CID# 360565

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 12, 2016

Discovery Meeting Attendance: Did not attend

Community Representative(s):

Jody Thieme, Codes Enforcement Officer

Town of Westmoreland

100 Station Road

P.O. Box 310

Westmoreland, NY 13490

315-853-8001

townclerk@town.westmoreland.ny.us

Town of Westmoreland Stream Study Requests (in priority order):

The Town feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- N/A; The town uses Google Maps for most digital mapping needs.

Historical Flood Problems:

- The area along Berkshire Drive experiences flooding with extended periods of wet weather.
- In 2012, South Street and French Road flooded from Deans Creek and Oriskany Creek.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There has been recent development along Route 233 – a surgical center (5 acres) and a convenience store (2 acres). Future development is planned for 105 acres.
- There may be piped or naturally occurring underground streams in the community.
- The town has an open space plan which may be part of their 2006 comprehensive plan. The town clerk is the point of contact.
- The town has an MS-4 watershed plan. The town clerk is the point of contact.

Mitigation Activities:

- The town received a waiver in 2013 for the hazard mitigation plan requirement. The town clerk is the point of contact.
- Prior flood mitigation activities have been implemented along Berkshire Drive. The town clerk is the point of contact.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration

- Hazard Mitigation & Grant Programs
- Effective Public Outreach
- Building Code Requirements

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the town.
- The town is not familiar with the CRS program and would like to receive additional information.
- The town has an active floodplain development permit process. The town's Codes, Planning and Zoning department is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Contact: Oneida County Board of Elections
 - Transportation feature data are not available.
 - Parcel and zoning data are available in hard copy format and non-GIS digital format.
 - Contact: Oneida County; Town Clerk; Codes Office.
 - Building footprint data are available in hard copy format. Information is located in the town vault.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - There are flood hazard studies for public/private funded projects in the town available in hard copy format.
 - Contact: Codes Office.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Contact: Town Clerk
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are available in the form of old floodplain maps in non-GIS digital format.
 - Contact: Town Clerk

Additional Comments:

- From Scoping Maps
 - N/A
- Other
 - N/A

Oneida County, CID# 36065C**Other Stakeholders:**

Albert Ash, NYSDEC Regional NFIP Coordinator
207 Genesee Street
Utica, NY 13501
315-793-2358
albert.ash@dec.ny.gov

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 3, 2016

Discovery Meeting Attendance: Did not attend

Oneida County Stream Study Requests:

1. The county boundary between the Village of Oneida Castle (Oneida County) and the City of Oneida (Madison County) for the area immediately south of NYS Route 5 (aka Seneca Avenue) is not shown correctly on the 2013 Oneida County FIRM. The area is part of Madison County (City of Oneida) and not Oneida County (Village of Oneida Castle).
2. The floodplain for a tributary of Sconondoa Creek in the Town of Augusta, northwest of the intersection of Knoxboro Road and North Road does not follow the stream channel. The stream, in a culvert, crosses North Road about 90 feet south of its mapped location on the 2013 Oneida County FIRM.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Community Planning and Ongoing Projects:

- Oneida Indian Nation activities, including the Turning Stone Casino, are spurring additional commercial/retail development in the area surrounding the casino.
- Public drinking water has extended and is continuing to extend north and west around the north shore of Oneida Lake, fostering more commercial and residential development in newly served areas. Similarly, public water supply is being extended into areas of western Rome not previously served. Additional development in the area will likely follow. There are piped and/or naturally occurring underground streams in the county. Nail Creek through the City of Utica is the most substantial. It will need to be rebuilt at some point in the next 10-20 years.
- There are areas in the southern part of Oneida County that are underlain by limestone and have formed karst features (e.g., sinkholes, caves, underground streams, and springs). The USGS is completing a state-wide study, expected to be completed in 2017, documenting karst areas.

Training Needs:

- Floodplain Management Administration: For rural communities (where the local official typically does not see a lot of floodplain activity and thus has limited expertise with the program), there should be a mechanism for coordination/review of floodplain development projects at the county government level.

Available Data:

- The USGS is completing a study (2017) documenting karst areas in New York State.

Additional Comments:

- There are many streams in remote areas that have substantial beaver populations. In some cases, the streams are a continuous succession of beaver dams and ponds impounding significant quantities of water.
- The lower reaches of Fish Creek in the Town of Vienna is a very active/mobile stream channel in sandy material with meanders and oxbows moving and re-forming on a human time scale.

Onondaga County, CID# 36067C

Pre- Discovery Webinar Attendance: No

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Edward Hart, GIS Program Manager, Onondaga County
421 Montgomery Street
Syracuse, NY 13202
315-435-8572
edwardhart@ongov.net

Other Representative(s):

Janet Marsden, Research Associate
Syracuse University Civil and Environmental Engineering Department
151 Link Hall, Syracuse University
Syracuse, NY 13244
315-447-9551
jamarsde@syr.edu

Onondaga County Stream Study Requests (in priority order):

The county did not identify any Special Flood Hazard Areas on the FIRM that are in need of updating at this time.

Other Stakeholders:

- Onondaga County Department of Emergency Management
- Onondaga County Department of Transportation

GIS Users:

- Edward Hart, GIS Program Manager, Onondaga County
421 Montgomery Street
Syracuse, NY 13202
315-435-8572
edwardhart@ongov.net

Historical Flood Problems:

- Road flooding issues in the eastern portion of the county along Chittenango Creek were noted.
- There are verifiable high water marks in the county: MacIntosh Box and Pallet, Butternut Drive. The Town of Dewitt may have additional high water marks. The Town of Cicero may have high water marks at Long Point, Oneida Lake, from Hurricane Agnes in 1972.

Community Planning and Ongoing Projects:

- The County DOT is the point of contact for any recent, ongoing or proposed projects such as bridge and culvert replacements.
- The County Planning department and Central New York Regional Planning Board have information about recent development.
- There are karst features/limestone across the middle of the county.

- The County Planning department, Parks and Recreation department, and County Soil and Water have information about open space planning. Mark Bergen, County Soil and Water is the point of contact.
- The county participates in the Oneida Lake Watershed Management plan produced 10-11 years ago and available on the Oneida Lake Association website.

Mitigation Activities:

- The county's hazard mitigation plan and sustainability plan are available online.
- New monitoring stations on Oneida Creek have been put into place by the NYS Canal Corporation.

Training Needs:

- No specific training needs for the county were identified.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Transportation feature data are available in GIS format.
 - Parcel and zoning data are available in GIS format.
 - Building footprint data are available in GIS format. The dataset is based on 2014 pictometry – oblique aerial photography digitized for 911 system; includes address points. This data set is currently being updated to Spring 2015 photography.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are available through the state GIS data set.
 - Local survey data are available in GIS format. Piecemeal LiDAR and DEMs are available.
 - Local flood gage data are not available.
 - There is a National Science Foundation funded grant for Syracuse University to study hazard vulnerability risk and urban resilience to extremes for the Seneca and Oneida Lake Watersheds.
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are included in the county hazard mitigation plan. There may be GIS data available.
 - Contact: Megan Costa, County Planning department
 - Historical flood inundation areas are referenced in the hazard mitigation plan.

Additional Comments:

- From Scoping Maps
 - Road flooding due to beaver dams occurs along Chittenango Creek near Route 268 and Cicero Swamp.
 - Limestone Creek has been channelized near Route 92 in the eastern part of the county.
 - Flooding problems occur to the east of Syracuse and State Route 11 in developed areas

- Other
 - N/A

Town of Cicero, Onondaga County, CID# 360572

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Richard Hooper, Director of Code Enforcement

Town of Cicero

8236 Brewerton Road

Cicero, NY 13039

315-699-2201

rhooper@ciceronewyork.net

Town of Cicero Stream Study Requests (in priority order):

1. Oneida Lake needs an updated detailed study. Recent lakeshore development has occurred.
2. Mud Creek Reach 1 needs an updated detailed study. There are erosion issues present and recent development pressures.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- Repeated flooding has occurred on Polar Beach Road, Long Point, and Muskrat Bay Road along Oneida Lake.
- Mud Creek has some erosion issues along its bank.
- There may be verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There is a state DOT bridge replacement project underway (no change in opening size) across Oneida River.
- There has been recent residential development near Oneida Lake. The county wants to limit residential growth due to the sewer district WWTP limits.
- There are no piped or naturally occurring underground streams in the community.
- The town does not have an open space plan.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The town participates in the county hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Building Code Requirements

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the town.

- The town is familiar with the CRS program and would like to receive additional information about it.
- The town has an active floodplain development permit process. The town's Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Transportation feature data are available in GIS format.
 - Parcel and zoning data are available in GIS format.
 - Building footprint data are not available.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in GIS format.
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects in the town.
- Risk Assessment Data
 - No critical facilities are within the floodplain.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are available in the form of old FIRMs in paper format.

Additional Comments:

- From Scoping Maps
 - Flooding problems occur along Beach Road and Muskrat Bay Road in the Sandy Bay and Forest Beach areas respectively.
 - A lower priority flooding area is along Mud Creek west of South Bay Road.
 - Residential development is occurring off Lake Shore Road, just east of Cicero Center Road; in Harbor Village south of Creek View Drive,
- Other
 - N/A

Town of Clay, Onondaga County, CID# 360573

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Cindy Beckhusen, Code Enforcement Officer

Town of Clay

4401 State Route 31

Clay, NY 13041

315-652-3800

cheid@townofclay.org

Mark Territo, Commissioner of Planning and Development

Town of Clay

4401 State Route 31

Clay, NY 13041

315-652-3800

mterrito@townofclay.org

James Condon, Code Enforcement Officer

Town of Clay

4401 State Route 31

Clay, NY 13041

315-652-3800

jcondon@townofclay.org

Town of Clay Stream Study Requests (in priority order):

1. An updated detailed study is needed for Willow Stream. Townhouses near the stream were mapped into the floodplain in the 1980s but development was planned before the mapping study.

Other Stakeholders:

- N/A

GIS Users:

- Ron Detota, CNS Engineers (315-455-2000)

Historical Flood Problems:

- In 1993-94, flooding occurred on Horseshoe Island along Foster Road.
- Repeated flooding problems occur along the Oneida River. There is also flash flooding that occurs in residential areas and stormwater-related flooding issues.
- There may be verifiable high water marks on Horseshoe Island.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There has been recent development in the town but it is outside of the floodplain.
- There are no piped or naturally occurring underground streams in the community.
- The town does not have an open space plan.

- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The town has its own hazard mitigation plan and also participates in the county plan. Mark Territo of the town's Emergency Management Department is the point of contact.
- The town did not report any prior flood mitigation activities.

Training Needs:

- No training needs were identified by the town.

National Flood Insurance Program/Floodplain Management Information:

- There are a few LOMAs along Josephine Street/Mill Brook, which is an approximate A zone.
- The town is familiar with the CRS program and would like to receive additional information about it.
- The town has an active floodplain development permit process. The town's Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Town Codes and Planning Office.
 - Transportation feature data are available in GIS format.
 - Contact: Town Codes and Planning Office.
 - Parcel and zoning data are available in GIS format.
 - Contact: Town Codes and Planning Office.
 - Building footprint data are partially available in GIS format.
 - Contact: Town Codes and Planning Office.
- Engineering Data
 - Stormwater management facilities/structures are available in hard copy and AutoCAD format.
 - Contact: Town Codes and Planning Office.
 - Locations of dams are available in hard copy format. There is a control dam located on the Oneida River, 1 small dam on Willow Stream, and locks along the Erie Canal.
 - Contact: Town Codes and Planning Office.
 - Local survey data for a medical center development are available in non-GIS digital format.
 - Contact: CNS Engineers
 - Local flood gage or rain gage data are not available.
 - A floodway analysis is available for a single structure on Horseshoe Island.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - A small cluster of LOMAs is at the North Syracuse village corporate limit east of Mill Brook.
 - There are several developments (housing and commercial) underway east of Stearns Road at the boundary with the Town of Cicero.
- Other
 - N/A

Town of Dewitt, Onondaga County, CID# 360973

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Stephanie Guerreschi, Town Planner

Town of Dewitt

5400 Butternut Drive

Dewitt, NY 13057

315-446-3910

sguerreschi@townofdewitt.com

Town of Dewitt Stream Study Requests (in priority order):

1. Ley Creek floodplain may be understated, as there is industrial/dense residential development in the area.

Other Stakeholders:

- Sam Gordon, Director of Planning and Zoning

GIS Users:

- Sam Gordon, Director of Planning and Zoning

Historical Flood Problems:

- Swampy areas flood, especially in the spring, leading to road closures.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- A culvert is being replaced in 2016 by the DOT.
- There has been recent development in the town. Follow up with Sam Gordon, Director of Planning and Zoning.
- There are no piped or naturally occurring underground streams in the community.
- The town has an open space plan and a comprehensive plan. Chris Manchester, Sustainability Coordinator is the point of contact.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- Sam Gordon, Director of Planning and Zoning should be contacted for information about the town's hazard mitigation planning activities.
- Stormwater management activities including stormwater retention facilities, Save the Rain program, and open space preservation being performed in the town.

Training Needs:

- Training on Floodplain Management Administration would be helpful for the town.

National Flood Insurance Program/Floodplain Management Information:

- There is a LOMC cluster along Butternut Creek in the vicinity of Route 290. Significant flooding has occurred along Butternut Drive.
- The town is not familiar with the CRS program and would like additional information about the program.

- Sam Gordon, Director of Planning and Development is the planning point of contact for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Transportation feature data are available.
 - Contact: Dale Longden, Highway Department.
 - Parcel and zoning data are available in GIS format.
 - Contact: Sam Gordon, Planning and Development.
 - Building footprint data are available in GIS format.
 - Contact: Sam Gordon, Planning and Development.
- Engineering Data
 - Locations of flood control structures may be available. Butternut Creek and South Ley Creek have flood walls that are very old.
 - Contact: Sam Gordon, Planning and Development.
 - Locations of dams are not available.
 - Local survey data may be available.
 - Contact: Sam Gordon, Planning and Development.
 - Local flood gage or rain gage data are not available.
 - A full SWPP is required for stormwater projects with more than 1 acre disturbance.
- Risk Assessment Data
 - Essential/critical facilities data are not available.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas may be available from the Highway Department.
 - Contact: Sam Gordon, Planning and Development.

Additional Comments:

- From Scoping Maps
 - There are stormwater issues along North Branch at Northern Boulevard.
 - Butternut Drive to the west of Butternut Creek has some flooding issues.
 - There is a culvert replacement planned at Exeter Street over South Branch.
- Other
 - The northern portion of town is wet, very flat, and runoff has no place to go. Rain barrels and streetscaping are being used to reduce runoff. The town representative was surprised the northern area of the town doesn't have more mapped floodplain (Ley Creeks).
 - The Somerville area is not floodprone.

Village of East Syracuse, Onondaga County, CID# 360574

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of East Syracuse Stream Study Requests (in priority order):

The Village of East Syracuse chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Town of Fabius, Onondaga County, CID# 360577

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Richard Penhall, Code Enforcement Officer

Town of Fabius

8354 U.S. Route 20

Manlius, NY 13014

315-682-1170

zoning@pompey-ny.gov

Town of Fabius Stream Study Requests (in priority order):

The Town feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- Melanie Velardi, Town Supervisor (315-436-8309)
- Warren Virgil, Highway Superintendent
- Onondaga Historical Society

GIS Users:

- N/A

Historical Flood Problems:

- Water washes over roads, including Route 128.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the town.
- There are no piped or naturally occurring underground streams in the community.
- The town does not have an open space plan.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The town provides information to the county for the county hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the town.

- The town is not familiar with the CRS program and would like additional information about the program.
- The town does not have an active floodplain development permit process. Richard Penhall, Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are available in hard copy format.
 - Parcel and zoning data are available in hard copy format.
 - Building footprint data are available in hard copy format.
- Engineering Data
 - Locations of flood control structures are available in hard copy format.
 - Locations of dams are available in hard copy format.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - Flood hazard studies are available in hard copy format.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are available in hard copy format.
 - Historical flood inundation areas are available in hard copy format.

Additional Comments:

- From Scoping Maps
 - A large rain event resulted in flooding along State Route 128, north of the Village of Fabius.
 - Flooding near State Route 12 near De Ruyter Reservoir (outside of the Oneida Lake Watershed) also has occurred.
- Other
 - Grant programs and outreach measures would be beneficial.

Village of Fayetteville, Onondaga County, CID# 360578

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 2, 2016

Discovery Meeting Attendance: Did not attend

Community Representative(s):

Mark Olson, Mayor

Village of Fayetteville

425 East Genesee Street

Fayetteville, NY 13066

315-637-9864

Molson@fayettevillefd.com

Village of Fayetteville Stream Study Requests (in priority order):

The Village feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- Town of Manlius is the point of contact for GIS data.

Historical Flood Problems:

- Limestone creek has had repeated flooding problems. The last flood occurred in 2010.
- There are no verifiable high water marks in the village.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is commercial development occurring at the town center.
- There are naturally occurring underground streams in the community.
- The village has an open space plan.
- The village does not have or participate in a watershed management plan.

Mitigation Activities:

- No information was provided about hazard mitigation planning activities.
- The village clears out Limestone Creek every 2 years with NYSDEC assistance.

Training Needs:

- Training on Floodplain Management Administration would be helpful to the village.

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the village.
- The village is not familiar with the CRS program and would like additional information about the program.
- The village has an active floodplain development permit process. The Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Transportation feature data are available in GIS format.
 - Parcel and zoning data are available in hard copy and non-GIS digital format.
 - Building footprint data are available in GIS format.
- Engineering Data
 - Locations of flood control structures are available in GIS format.
 - Locations of dams are not available.
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.
 - Flood hazard studies are available in hard copy format.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - N/A
- Other
 - N/A

Town of LaFayette, Onondaga County, CID# 360581

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: May 2, 2016, May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Ralph Lamson, Code Enforcement Officer (Meeting)

Town of Lafayette

P.O. Box 193

LaFayette, NY 13084

315-677-5371

lafayettecodes@cnymail.com

John F. Greeley, Highway Superintendent (Pre-Meeting Survey)

Town of Lafayette

P.O. Box 209

LaFayette, NY 13084

315-677-9535

johnlafhighway@yahoo.com

Town of LaFayette Stream Study Requests (in priority order):

1. The floodplain for Cascades Creek is overstated on the FIRM and needs an updated detailed study.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- There have been no major floods in the past 20 years. Occasionally 1-2 houses may be affected if a culvert is backed up.
- There are some repeat flooding problems along Butternut Creek between Bush and Walberger on Apulia Road.
- There is a verifiable high water mark on a resident's home in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- A small commercial development has occurred since the last FIRM west of I-81 and north of County Route 15.
- There are no piped or naturally occurring underground streams in the community.
- The town has an open space plan that is part of its comprehensive plan. Andy Ohstrom, the Town Supervisor, is the point of contact.
- The town has a stormwater management plan. Doug Daniels is the point of contact.

Mitigation Activities:

- The town has adopted the county hazard mitigation plan. The plan will be updated due to the new effective FIRMs. Ralph Lamson, Code Enforcement Officer, is the point of contact.

- The highway department has performed some stream bank maintenance which is referenced in the hazard mitigation plan.

Training Needs:

- Training on Hazard Mitigation & Grant Programs would be helpful for the town.

National Flood Insurance Program/Floodplain Management Information:

- There is no significant LOMC activity in the town.
- The town is familiar with the CRS program and would like additional information about the program.
- The town has an active floodplain development permit process. Ralph Lamson, Code Enforcement Officer, is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are available in hard copy format.
 - Parcel and zoning data are available in hard copy format.
 - Building footprint data are available in hard copy format.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are available in hard copy format.
 - Local survey data are available in hard copy format.
 - Local flood gage or rain gage data are not available.
 - Flood hazard studies are available in GIS and hard copy format.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are available in GIS format.
 - Historical flood inundation areas are available in hard copy format.

Additional Comments:

- From Scoping Maps
 - A 10 house subdivision was placed along Old Coleman Hill Road east of Jamesville Reservoir.
 - A small commercial development was placed at the I-81/US Route 20 intersection since the last FIRM.
- Other
 - N/A

Town of Manlius, Onondaga County, CID# 360584

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Michael Jones, Code Enforcement Officer

Town of Manlius

301 Brooklea Drive

Fayetteville, NY 13066

315-637-8619

mjones@townofmanlius.org

Town of Manlius Stream Study Requests (in priority order):

1. Area in the vicinity of Schepps Corner Road is prone to flooding from Limestone Creek.

Other Stakeholders:

- Doug Miller, Town Engineer/Floodplain Manager (315-637-8619),
dmiller@townofmanlius.org

GIS Users:

- Town Highway Superintendent
- Town Engineer

Historical Flood Problems:

- Past flooding problems have been focused along a five mile stretch of Schepps Corner Road due to Limestone Creek.
- There may be verifiable high water marks along Schepps Corner Road. Contact the Highway Superintendent for more information.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There has been recent development in the town including a 130 unit retirement community, a 20 lot residential development on South Eagle Vinage Road which is surrounded by wetlands, and 2 new subdivisions, with 63 lots and 20 lots. A new fire station is also slated to be constructed this year.
- There are probably not piped or naturally occurring underground streams in the community. The Highway Superintendent can confirm this.
- The town does not have an open space plan.
- The town has or participates in a watershed management plan.

Mitigation Activities:

- No information was provided about hazard mitigation planning activities.
- An owner of 12 road front acres in the floodplain is looking for a buyer. This could be a potential buyout opportunity.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration

- Effective Public Outreach
- Building Code Requirements
- Hazard Mitigation & Grant Programs
- More training on floodplain regulations for code enforcement officers and town officials is needed, such as a mandatory certification or training program.
- More training on FEMA tools and products such as the Map Service Center would also be very helpful.

National Flood Insurance Program/Floodplain Management Information:

- There are LOMR-Fs in Erie Village where fill has been placed to remove structures from the floodplain.
- The town is not familiar with the CRS program and would like additional information.
- The town has an active floodplain development permit process. Michael Jones, Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy format.
 - Transportation feature data are available in hard copy format.
 - Parcel and zoning data are available in hard copy and GIS format.
 - Contact: Town Assessor for parcel data; Planning and Development department for zoning data.
 - Building footprint data are available in hard copy format.
 - Contact: Planning and Development department
- Engineering Data
 - Locations of flood control structures are available in hard copy and GIS format.
 - Contact: Planning and Development and Highway departments
 - Locations of dams are available.
 - Contact: Planning and Development and Highway departments
 - Local survey data from residential developments (Mallards Landing, Crane Landing, Erie Village) are available in hard copy and GIS format.
 - Contact: Planning and Development and Engineering departments
 - Local flood gage or rain gage data are not available.
 - Flood hazard studies may be available from the Engineering department.
- Risk Assessment Data
 - There is a senior citizen home on Bowman Drive located in the floodplain.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Repeated flooding occurs along Limestone Creek, between Kirkville Road and East Myers Road.
 - A retirement community with 150 units was built 5 years ago south of the Old Erie Canal and west of Limestone Creek.
 - There is a LOMC cluster west of Limestone Creek and north of the Old Erie Canal near Fremont Hills.

- Other
 - More training on floodplain regulations and FEMA tools is needed.

Village of Manlius, Onondaga County, CID# 360977

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Manlius Stream Study Requests (in priority order):

The Village of Manlius chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Village of Minoa, Onondaga County, CID# 361017

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Minoa Stream Study Requests (in priority order):

The Village of Minoa chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Village of North Syracuse, Onondaga County, CID# 360587

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 4, 2016

Discovery Meeting Attendance: Did not attend

Community Representative(s):

Gary Wilmer, Superintendent of Public Works

Village of North Syracuse

600 South Bay Road

North Syracuse, NY, 13212

315-458-0790

dpw@northsyracusenys.org

Village of North Syracuse Stream Study Requests (in priority order):

The Village feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- None noted.
- There are no verifiable high water marks in the village.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the village.
- There are no piped or naturally occurring underground streams in the community.
- The village does not have an open space plan.
- The village does not have or participate in a watershed management plan.

Mitigation Activities:

- The village adopted the county plan in 2011. Gary Wilmer, Superintendent of Public Works is the village point of contact.
- The village did not report any prior flood mitigation activities.

Training Needs:

- No training needs were identified by the village.

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the village.
- The village is not familiar with the CRS program and would like additional information.
- The village does not have an active floodplain development permit process.

Available Data:

- Base Map Data
 - Political boundary data are not available.
 - Transportation feature data are not available.
 - Parcel and zoning data are available in hard copy format.
 - Contact: Codes Office (315-458-0900)
 - Building footprint data are available in hard copy format.
 - Contact: Codes Office (315-458-0900)
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data not available.
 - Local flood gage or rain gage data are not available.

There are no available flood hazard studies for public/private funded projects in the village.
- Risk Assessment Data
 - Critical facilities in the village include the Fire House at 109 Chestnut Street; and the Village offices at 600 South Bay Road.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - N/A
- Other
 - N/A

Town of Pompey, Onondaga County, CID# 360590

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Richard Penhall, Code Enforcement Officer/Zoning Officer

Town of Pompey

8354 U.S. Route 20

Manlius, NY 13104

315-683-5215

zoning@pompey-ny.gov

Town of Pompey Stream Study Requests (in priority order):

The Town feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- Susan Smith, Chairman of Town Planning Board, (315) 682-1170

GIS Users:

- Linda Rockwood of BAS (Town contractor)

Historical Flood Problems:

- There have not been any major floods in at least the past four years.
- There has been repeated nuisance flooding along Limestone Creek and West Branch.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There has been recent development in the town outside of the floodplain that goes into the Village of Fabius, a community that does not participate in the NFIP.
- There are no piped or naturally occurring underground streams in the community.
- The town incorporates elements of an open space plan into their master plan.
- The town has or participates in a watershed management plan.

Mitigation Activities:

- The town representative was not aware of hazard mitigation planning activities.
- There was one buyout in 1988-89 along Limestone Creek in the Hamlet of Freemont.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC clusters in the town.

- The town is familiar with the CRS program and does not need additional information.
- The town does not have an active floodplain development permit process. Richard Penhall, Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Linda Rockwood of BAS (Town contractor)
 - Transportation feature data are available in GIS format.
 - Contact: Linda Rockwood of BAS (Town contractor)
 - Parcel and zoning data are available in GIS format.
 - Contact: Linda Rockwood of BAS (Town contractor)
 - Building footprint data are available in GIS format.
 - Contact: Linda Rockwood of BAS (Town contractor)
- Engineering Data
 - Locations of retention basins are available in GIS format.
 - Contact: Linda Rockwood of BAS (Town contractor)
 - Locations of dams are not available.
 - Local survey data from the Pompey Pines subdivision are available in hard copy format.
 - Local flood gage or rain gage data are not available.
 - Hydro-fracking studies are available (Area includes West Branch).
 - Contact: Steven Snell of O'Brien & Gere
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format.
 - Contact: Linda Rockwood of BAS (Town contractor)
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - Areas of repeat flooding along West Branch near Gibbs Road and State Route 250 and west of Limestone Creek along Oran Delphi Road.
 - Area of hydro-fracking interest at Pompey Center including a portion of West Branch near U.S. Route 20.
 - Drainage problems north of Indian Hill Road to the northern town limit.
- Other
 - N/A

Town of Salina, Onondaga County, CID# 360591

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 26, 2016

Discovery Meeting Attendance: May 26, 2016

Community Representative(s):

Jason Perkins, Deputy Director, Planning and Development

Town of Salina

201 School Road

Liverpool, NY 13088

315-451-0492

jperkins@salina.ny.us

Town of Salina Stream Study Requests (in priority order):

1. Bloody Brook needs an updated detailed study. A remediation project is underway from the confluence with Onondaga Lake to Route 148 that will widen and deepen the channel which will have an impact on the floodplain and residential structures in the vicinity.
2. Ley Creek needs an updated detailed study. A remediation project is also planned for this flooding source.

Other Stakeholders:

- N/A

GIS Users:

- Don Jordan, Onondaga County

Historical Flood Problems:

- In 2014, flooding along Ley Creek occurred that overtopped the road.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the town.
- There may be piped or naturally occurring underground streams in the community in the vicinity of Chestnut Ridge and Sunflower Drive.
- The town does not have an open space plan.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- The town adopted the county hazard mitigation plan three years ago.
- The town did not report any prior flood mitigation activities.

Training Needs:

- The town is interested in a more condensed NFIP training (2 hours vs. previous 4 hour duration training).

National Flood Insurance Program/Floodplain Management Information:

- There are LOMC concentrations near Grenadier Village at Kings Park Drive.
- The town is familiar with the CRS program and does not need additional information.

- The town does not have an active floodplain development permit process. The Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy and GIS format.
 - Contact: Town has hard copies; County maintains the GIS data.
 - The town uses transportation feature data from the Syracuse Metropolitan Transportation Council.
 - Parcel and zoning data are available in hard copy format.
 - Contact: Town Codes and Planning office.
 - Building footprint data are available in hard copy format.
 - Contact: Town Assessor's office (and Codes office if a permit is given)
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data may be available.
 - Contact: Town Clerk or Town Engineer
 - Local flood gage or rain gage data are not available.
 - There are no available flood hazard studies for public/private funded projects.
- Risk Assessment Data
 - Essential/critical facilities are listed in the Town's emergency management plan.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - LOMA activity south of Long Branch and north of State Route 81.
 - Entirety of Ley Creek within town noted as a restudy need.
 - Bloody Brook near Grandy Drive and Electronics Parkway noted as a restudy need.
- Other
 - N/A

City of Syracuse, Onondaga County, CID# 360595

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

City of Syracuse Stream Study Requests (in priority order):

The City of Syracuse chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the City has no stream study requests at this time.

Oswego County, CID# 36075C

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: April 7, 2016; May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

David Turner, Director, Community Development, Tourism, and Planning (Pre-Meeting Survey and Meeting)

Oswego County

46 East Bridge Street

Oswego NY 13126

315-349-8260

dturner@oswegocounty.com

Terry Bennett, Emergency Services Program Coordinator (Meeting)

Oswego County Emergency Management Office

200 North Second Street

Fulton, NY 13069

315-591-9160

terryb@oswegocounty.com

Joe Chairvolotti, District Forester (Meeting)

Oswego County

3105 State Route 3

Fulton, NY 13069

315-592-9663

joe.chairvolotti@oswegosoilandwater.com

Oswego County Stream Study Requests (in priority order):

1. Oneida River (from Oneida Lake to Schroepfel and at County Route 10 crossing) is in need of an updated detailed study due to new development.
2. Bay Creek in southwestern Central Square needs an updated detailed study. This area is close to schools.
3. Various culvert sizes within the county need to be correctly reflected in the FIRM and Flood Insurance Study/flood modeling.

Other Stakeholders:

- N/A

GIS Users:

- Oswego County Planning Office

Historical Flood Problems:

- Flooding has occurred along Oneida Lake (North shore) and Oneida River in 1993-1994; since then, flooding more commonly affects the south shore of the lake.
- Flash floods have occurred in Hannibal and Constantia.
- In Hastings, flooding has overtopped Bindeim Road repeatedly but not affected structures.
- In Schroepfel, there has been repeated flooding along Peter Scott Swamp on County Route 12.
- There are no verifiable high water marks in the county.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- Development has occurred along the north and south shore of Oneida Lake and Oneida River (See following link to Syracuse Urban Area map to identify areas that have experienced the most development since the FIRMs were produced: http://www.smtcmpo.org/map_of_area.asp) There is some development pressure in the Three Rivers Area; Population growth has occurred along transportation corridors spilling over from Onondaga County.
- Bay Creek which runs through Central Square is partially underground.
- The county does not have an open space plan.
- The county is involved in the Finger Lakes – Lake Ontario Watershed Protection Alliance (FLOPA). Contact Paul Baxter of the Oneida Lake Association or the Tug Hill Commission for more information.

Mitigation Activities:

- The current 2013 county hazard mitigation plan expires in 2018. The county will start work on the update in Fall 2016. Terry Bennett, Emergency Services Program Coordinator is the point of contact.
- The mitigation plan included projects such as public education, code enforcement, upgrading culverts, analysis to reduce flood impacts, response to remove debris jams from waterways etc., but not any specific structural projects or buyout programs.

Training Needs:

- Training on the following topics would be helpful:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Hazard Mitigation & Grant Programs
 - Individual and Public Assistance Programs
 - More training for municipalities on stream maintenance

Kathy Burtuch, CNYRP is a good contact for training.

National Flood Insurance Program/Floodplain Management Information:

- The county is not aware of any LOMC clusters located in the Oneida Lake Watershed.
- Individual communities may want more information about the CRS program.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Contact: Oswego County Planning Office
 - Transportation feature data are available in GIS format.
 - Contact: Oswego County Planning Office
 - Parcel and zoning data are available in hard copy and GIS format (for some communities).
 - Contact: Oswego County Planning Office
 - Building footprint data are partially available in GIS format.
 - Contact: Oswego County Planning Office

- Engineering Data
 - Locations of flood control structures are available in GIS format.
 - Contact: NYSDEC
 - Locations of dams are available in GIS format.
 - Contact: NYSDEC
 - Local survey data are not available.
 - Local flood gage or rain gage data are not available.

There are no available flood hazard studies for public/private funded projects.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format in the hazard mitigation plan.
 - Some chemical facilities may have some mapping and evacuation plans. There are established evacuation routes for the nuclear power plant along Route 81.
 - Historical flood inundation areas are partially available in hard copy format.
 - Contact: Oswego County Emergency Management

Additional Comments:

- From Scoping Maps
 - Development has occurred along Oneida Lake and along the Oneida River closer to its confluence with the lake and Oswego River.
- Other
 - The county provided a comparison of structure sizes between the FEMA FIS and the actual size for multiple road crossings. This information is provided at the end of this memo.

Town of Amboy, Oswego County, CID# 361260

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 5, 2016, May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Mary Ann Clark, Town Clerk (Pre-Meeting Survey)

Town of Amboy

822 State Route 69

Williamstown, NY 13493

315-964-1165

amboytownclerk@gmail.com

Wayne Hall II, Code Enforcement Officer (Pre-Meeting Survey)

Town of Amboy

822 State Route 69

Williamstown, NY 13493

315-212-0441

amboycodeofficer@gmail.com

Richard Bryant, Town Board Member (Meeting)

Town of Amboy

822 State Route 69

Williamstown, NY 13493

315-964-2803

Town of Amboy Stream Study Requests (in priority order):

1. A new detailed study of Panther Lake is needed. Development has occurred in this area.
2. A new detailed study of Carterville Pond is needed. Development has occurred in this area.

Other Stakeholders:

- Lawrence Raider, Town Board Member (315-964-2980)
- Tom Vona, Town Planning Board (315-410-7734)

GIS Users:

- Oswego County GIS Department

Historical Flood Problems:

- There was flooding in 2006 along Little River due to a beaver dam breaking.
- There has been repeated nuisance flooding due to beaver dams.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update in the Oneida Lake Watershed. A project outside of the watershed along Route 183 east of Hotel Pond raised the road to alleviate flooding in the area recently.
- There has been some development along Panther Lake and Carterville Pond, mostly for recreational activities/camps. Gravel mining is also occurring near West Branch Fish Creek north of Finnerty Road, close to but not in the floodplain.

- There is a culvert at Finnerty Road along an unnamed tributary to West Branch Fish Creek which may have a capacity issue. There is currently no floodplain shown on the FIRM in this area.
- The town has an open space plan. Kathy Wilkinson, Town Supervisor is the point of contact (315-964-2421).
- The town has or participates in a watershed management plan. Kathy Wilkinson, Town Supervisor is the point of contact (315-964-2421).

Mitigation Activities:

- Kathy Wilkinson, Town Supervisor (315-964-2421) and Wayne Hall, Code Enforcement Officer (315-751-2633) are the points of contact for the hazard mitigation plan.
- The town did not report any prior flood mitigation activities.

Training Needs:

- Training on the following topics would be helpful to the town:
 - Floodplain Management Administration
 - Effective Public Outreach
 - Building Code Requirements
 - Hazard Mitigation & Grant Programs

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC concentrations in the town.
- The town is not familiar with the CRS program and would like additional information about the program.
- The town has an active floodplain development permit process. Wayne Hall, Code Enforcement Officer is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy and GIS format.
 - Transportation feature data are available in hard copy and GIS format.
 - Parcel and zoning data are available in hard copy and GIS format.
 - Contact: Wayne Hall, Code Enforcement Officer
 - Building footprint data are available in hard copy, GIS, and non-GIS format.
 - Contact: Wayne Hall, Code Enforcement Officer
- Engineering Data
 - Locations of flood control structures are available in GIS and hard copy format.
 - Locations of dams are available in GIS and hard copy format.
 - Local survey data are available in GIS and hard copy format.
 - Local flood gage or rain gage data are available in GIS and hard copy format.
 - Flood hazard studies for public/private funded projects are available in GIS format.
- Risk Assessment Data
 - Essential/critical facilities data are available in GIS format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are available in GIS format.
 - Historical flood inundation areas are available in GIS format.

Additional Comments:

- From Scoping Maps
 - A culvert at Finnerty Road for a tributary of West Branch may be needed.
 - Flooding along Little River to the east of Route 23 occurred in 2006.
 - Development is occurring south of Carterville Pond along Birmingham Drive.
- Other
 - N/A

Village of Central Square, Oswego County, CID# 360647

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Village of Central Square Stream Study Requests (in priority order):

The Village of Central Square chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Village has no stream study requests at this time.

Village of Cleveland/Town of Constantia, Oswego County, CID# 360998 and 360648 respectively

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 25, 2016

Discovery Meeting Attendance: May 25, 2016

Community Representative(s):

Roy Reehil, Oswego County Legislator

P.O. Box 184

Cleveland, NY 13042

315-675-9704

legislator@reehil.com

Village of Cleveland/Town of Constantia Stream Study Requests (in priority order):

The community feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- Dave Turner, Oswego County Planning Department

Historical Flood Problems:

- No recent flooding has occurred in the communities.
- There are no verifiable high water marks in the communities.

Community Planning and Ongoing Projects:

- There is a culvert upgrade underway under Route 49.
- There is no major development occurring in the communities. Some upgrades of older development are occurring.
- There is a small drainage area behind homes on North Street that is piped to Cold Spring.
- The communities do not have an open space plan or have/participate in a watershed management plan.
- There is a waterfront revitalization plan dated August 2004. The Village Clerk is the point of contact.

Mitigation Activities:

- The community representative believes the communities may be part of the county hazard mitigation plan.
- No prior flood mitigation activities were reported.

Training Needs:

- Training on the following topics would be helpful:
 - Floodplain Management Administration
 - Building Code Requirements

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC concentrations in the communities.

- The community representative was not sure about awareness of CRS or the communities' floodplain permitting process. The Code Enforcement Officer is the point of contact.

Available Data:

- Base Map Data
 - Political boundary data are available in GIS format.
 - Dave Turner, Oswego County Planning Department
 - Transportation feature data are available in GIS format.
 - Dave Turner, Oswego County Planning Department
 - Parcel and zoning data are available in GIS format.
 - Dave Turner, Oswego County Planning Department
 - It is unknown if building footprint data are available. Pictometry is available from County Real Property.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are available in hard copy format in the hazard mitigation plan.
 - Local survey data may be available.
 - Contact: Department of Public Works - may have survey of water treatment plant.
 - Lake level gage information is available in non-GIS digital format.
 - Flood hazard studies for public/private funded projects are not available.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are available in GIS format.

Additional Comments:

- From Scoping Maps
 - An area where an update of culvert dimensions on the FIRM is needed was noted on the map at Tannery Road (Frederick Creek), Cemetery Drive (Scriba Creek), and Kibby Lake Road (Frederick Creek).
- Other
 - A dam (built in 1930/1940) near Route 49 has a new owner. The dam is in poor condition and needs maintenance work performed. Dam has been overtopped by about one foot of water. Ponds are older and have been filled in with sediment over the years.

Town of Hastings, Oswego County, CID# 360653
Pre- Discovery Webinar Attendance: Did not attend
Discovery Stakeholder Survey Completed: May 2, 2016
Discovery Meeting Attendance: Did not attend

Community Representative(s):

Mark Bombardo, Code Enforcement Officer
Town of Hastings
1134 US Route 11
Central Square, New York 13036
315-668-2326 ext. 3
hastingscode@hotmail.com

Town of Hastings Stream Study Requests (in priority order):

The Town feels that the current Special Flood Hazard Areas shown on the FIRM are accurate and does not have any requests for new or updated studies at this time.

Other Stakeholders:

- N/A

GIS Users:

- N/A

Historical Flood Problems:

- There have been no significant floods in the last 26 years.
- There are no verifiable high water marks in the town.

Community Planning and Ongoing Projects:

- There are no recent, ongoing, or proposed private/public projects, including bridge/culvert replacements, since the last FIRM update.
- There is not recent or planned residential or commercial development in the town.
- There are no piped or naturally occurring underground streams in the community.
- The town has an open space plan.
- The town does not have or participate in a watershed management plan.

Mitigation Activities:

- Mark Bombardo, Code Enforcement Officer, is the point of contact for the hazard mitigation plan that was adopted in January 2015.
- The town did not report any prior flood mitigation activities.

Training Needs:

- No training needs were identified by the town.

National Flood Insurance Program/Floodplain Management Information:

- There are no LOMC concentrations in the town.
- The town is not familiar with the CRS program and does not need additional information about the program.
- The town has an active floodplain development permit process. Mark Bombardo, Code Enforcement Officer, is responsible for floodplain permitting.

Available Data:

- Base Map Data
 - Political boundary data are available in hard copy and GIS format.
 - Contact: Unspecified engineering firm
 - Transportation feature data are available in GIS format.
 - Contact: Unspecified engineering firm
 - Parcel and zoning data are available in hard copy and GIS format.
 - Contact: Unspecified engineering firm
 - Building footprint data are available in hard copy format for new construction since 1990.
- Engineering Data
 - Locations of flood control structures are not available.
 - Locations of dams are not available.
 - Local survey data are available in hard copy format.
 - Local flood gage or rain gage data are not available.
 - Flood hazard studies for public/private funded projects are not available.
- Risk Assessment Data
 - Essential/critical facilities data are available in hard copy format.
 - Contact: Unspecified engineering firm
 - Hazard mapping data (e.g. dam break inundation maps, chemical depots, sink holes, etc.) are not available.
 - Historical flood inundation areas are not available.

Additional Comments:

- From Scoping Maps
 - N/A
- Other
 - N/A

Town of Palermo, Oswego County, CID# 361263

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Palermo Stream Study Requests (in priority order):

The Town of Palermo chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Parish, Oswego County, CID# 361546

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Parish Stream Study Requests (in priority order):

The Town of Parish chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Redfield, Oswego County, CID# 361265

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Redfield Stream Study Requests (in priority order):

The Town of Redfield chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Schroepfel, Oswego County, CID# 360662

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Schroepfel Stream Study Requests (in priority order):

The Town of Schroepfel chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Volney, Oswego County, CID# 361266

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Volney Stream Study Requests (in priority order):

The Town of Volney chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of West Monroe, Oswego County, CID# 360664

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of West Monroe Stream Study Requests (in priority order):

The Town of West Monroe chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Town of Williamstown, Oswego County, CID# 361267

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: None submitted

Discovery Meeting Attendance: Did not attend

Town of Williamstown Stream Study Requests (in priority order):

The Town of Williamstown chose not to attend either the pre-Discovery webinars or the in-person Discovery Meeting. No Discovery stakeholder survey was received by NYSDEC. Absent different information, it is assumed the Town has no stream study requests at this time.

Oneida Lake Watershed

Other Participating Stakeholders:

Scott Shupe, President
Oneida Lake Association
1431 Lestina Beach Road
Bridgeport, NY 13030
315-633-8055
sshupe@twcnny.rr.com

Pre- Discovery Webinar Attendance: Did not attend

Discovery Stakeholder Survey Completed: May 25, 2016, May 26, 2016

Discovery Meeting Attendance: May 26, 2016 (Onondaga County)

Other Stakeholders:

- Russell Nemecek, County Department of Health (russellnemecek@ONGOV.net) (Knowledge of central NY waters)
- William Lansley (WilliamLansley@ongov.net) (Knowledge of Onondaga County parks)
- Nancy Mueller, Manager, NYS Federation of Lake Associations
- Jim Zuccolotto (Knowledge of real property and GIS data sets in gas and electric industry)
- Howard Goebel (may have information about NYPA inventories of flood damages, GIS)
- Scott Ingmire, Mark Burger (mburger@ocswcd.org) (Planning and Resource datasets)

Historical Flood Problems:

- Introduction of navigation hazards, south shore ice damage, and high water stream bank and shoreline erosion follows major runoff events....trees and sediment from Chittenango, Canaseraga, Oneida Creeks.

Training Needs:

- Hazard Mitigation & Grant Programs;
- Effective Public Outreach;
- Stream bank and riparian buffer zone conservation easements should be enabled via some long term program, and associated with fisheries habitat enhancement and invasive species removal to re-establish native vegetation to hold banks - e.g. muck farms north of Canastota that dump tons of soil and onions into the lake, or trees that float down other creeks to shoal in the lake as navigation hazards - need interagency ad hoc team to identify, mark, and remove these trees (no one agency has jurisdiction or program).

Datasets:

- Hazard mapping available in non-GIS digital format: Consequent to a fatality, the Oneida Lake Association has a Navigation Safety Map on its website, and has a reporting page for shoaled trees.

Other Comments:

- The NYS Barge Canal is designed for navigation, not flood control. Hydroelectric facilities at some locks merely use the water that NYSCC must pass, in part to match the Oneida Lake 'Rule Curve' seasonal target levels (<http://www.canals.ny.gov/waterlevels/netdata/oneida-levels.pdf>). Please reinforce to the other town codes and planning folks that their upstream actions have real consequences downstream when dealing with development (sediment, SWPPP,

introduction of navigation hazards, spawning habitat, recreation, as well as property damage). Damage to the lake damages more than the instant central NY economy. It is our legacy.

Oneida Lake Watershed**Other Participating Stakeholders:**

William Coon, Hydrologist
U.S. Geological Survey (USGS)
30 Brown Road
Ithaca, NY 14850
607-266-0217 ext. 3019
wcoon@usgs.gov

Pre- Discovery Webinar Attendance: Attended

Discovery Stakeholder Survey Completed: May 2, 2016

Discovery Meeting Attendance: Did not attend

Historical Flooding Problems:

- There is a verifiable high water mark in the City of Oneida along Oneida Creek (June 23, 2013) in USGS flood files in Ithaca, NY.

Other Comments:

- Several new stream gages have been established during the past two years. Their locations can be seen at <http://maps.waterdata.usgs.gov/mapper/index.html>.

Culvert Sizing Information Provided by Oswego County

Oswego County

Waterbody	Municipality	Road Crossing	Structure Size - FEMA	Actual Structure Size
Bell Creek	Schroeppel	Rt. 54	6'	
		Rt. 264	9.5'	
		Barnard Rd.	11'	
#2 Dakins Creek	Constania	St. Rt. 49	8'	10' W x 7' H
		Johnson Rd.	7.5'	7.5'
Fish Creek	Schroeppel	Stewarts Corners Rd.	7.5'	6.5'
Fredrick Creek	Constantia	Hatchery Rd.	4'	10' W x 7' H
		Knapp Rd.	7.5'	7.5'
		Kibbe Lake Rd.	3'	2- 8' culverts
#1 Scriba Creek	Constantia	Co. Rt. 23	9'	9'
		Cemetery Rd.	7'	8.25'
		Co. Rt. 23	8'	2 - 9' pipes
		Holley Hole Rd.	6.5'	2 culverts @ 9.5' W x 8.5' H
		Parker Rd.	9'	9.25'
		Co. Rt. 23A	8'	8'
		Co. Rt. 23	8'	8'

= priority for new studies