

Discovery Report Appendix M

Community Requests and Floodplain Mapping Priorities 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

625 Broadway, Albany, New York 12233-3504

P: (518) 402-8185 | F: (518) 402-9029

www.dec.ny.gov

MEMORANDUM

To: Andrew Martin, FEMA Region II
From: NYSDEC Floodplain Management Section
Date: September 12, 2016
Re: Oneida Lake Watershed Prioritized Mapping Requests

Pre-Discovery community engagement meetings were held for the Oneida Lake Watershed via webinar on April 5th and April 7th, 2016. The purpose of the pre-Discovery webinars was to discuss the Discovery process and collect information on community mapping needs, as well as determine if any existing data could be incorporated into a possible Risk MAP project. There were two webinar meetings held for the counties, communities, and other interested stakeholders throughout the Oneida Lake Watershed area.

Following the pre-Discovery engagement meetings, the project team held five Discovery meetings for stakeholders within the Oneida Lake Watershed during the week of May 23rd, 2016. During these meetings, the project team followed up on the information collected during the pre-Discovery meetings and provided an additional opportunity for the communities and other stakeholders to give further information on mapping needs. NYSDEC used the information collected throughout the Discovery process, as well as information collected from previous stakeholder engagement meetings, to develop this list of stream restudy priorities. All study requests will be entered into FEMA's Coordinated Needs Management Strategy (CNMS) database to be considered for future floodplain mapping projects.

List of Detailed Stream Study Priorities for the Oneida Lake Watershed:

1. Fish Creek should have an updated detailed study for its entire distance of 15.2 miles from its confluence with Oneida Lake to its confluence with the East Branch and West Branch of Fish Creek. This is the main source of flooding in the Village of Sylvan Beach and stakeholders indicate both the mapped floodway and the floodplain boundaries are inaccurate. Of additional concern is the Route 13 bridge which causes ice dams. This stream study was requested by the Village of Sylvan Beach and the Towns of Annsville and Vienna in Oneida County.
2. The East Branch of Fish Creek should have an updated detailed study from its confluence with Fish Creek to a point north of Palmer Road for a distance of 5.4 miles in the Town of Annsville. The mapped floodplain boundaries are inaccurate, especially near the hamlet of Taberg. This stream study was requested by the Town of Annsville.
3. The West Branch of Fish Creek should be studied by detailed methods from its confluence with Fish Creek to the upstream Town of Camden corporate limits for a distance of 26.2 miles. The stream has migrated in the Town of Annsville and the existing floodplain map is inaccurate. Stakeholders in the Town of Camden also stated the existing floodplain boundaries are inaccurate, in particular in areas north of the Route 13 bridge where elevations are higher. This study was requested by both the Town of Annsville and the Town of Camden in Oneida County.



Department of
Environmental
Conservation

4. An unnamed tributary to Sconondoa Creek should be studied by detailed methods for 3.7 miles from its confluence with Sconondoa Creek to Perry Road in the Town of Augusta due to repeated flooding in the area. The floodplain, northwest of the intersection of Knoxboro Road and North Road, does not follow the stream channel. The stream, in a culvert which may need upsizing, crosses North Road about 90 feet south of its mapped location on the 2013 Oneida County digital Flood Insurance Rate Map (FIRM). This stream study was requested by both the Town of Augusta, Oneida County and Oneida County.
5. An unnamed tributary to Canastota Creek should be studied by detailed methods for 0.8 mile from the confluence with Canastota Creek to south of Routes 5 & 13 in the Village of Canastota. This tributary is the main flooding source that affects the village and has not been studied. This stream study was requested by the Village of Canastota in Madison County.
6. Clockville Creek should be studied by detailed methods for 3.9 miles from the confluence with Cowaselon Creek to Oxbow County Park in the Town of Lincoln. Residential development is occurring in this area and the current floodplain boundaries are not accurate. This is a narrow valley at risk from flooding and landslides. This stream study was requested by the Town of Lincoln in Madison County.
7. Cowaselon Creek should be studied by detailed methods for its entire distance of 11.1 miles in Madison County.
 - a. Cowaselon Creek should have an updated detailed study for 1.7 miles from the New York State Thruway to the Town of Lenox eastern corporate limit. This is an area of repeated flooding. This stream study was requested by the Town of Lenox in Madison County.
 - b. Cowaselon Creek should be studied by approximate methods for 0.8 mile from the western corporate limit of the City of Oneida to the Erie Canal Park. There is a DEC owned wetland in this area so there is no development pressure. This stream study was requested by the City of Oneida in Madison County.
 - c. Cowaselon Creek should have an updated detailed study for 3.0 miles from the Erie Canal Park to the southern corporate limit of the City of Oneida. There is new industrial development proposed. This stream study was requested by the City of Oneida in Madison County.
 - d. Cowaselon Creek should be studied by detailed methods for its entire length of 5.6 miles within the Town of Lincoln. Stakeholders indicate the current maps are not accurate. This stream study was requested by the Town of Lincoln in Madison County.
8. An unnamed tributary to Higinbotham Brook should be studied by detailed methods for 1.0 mile from its confluence with Higinbotham Brook to Patio Circle Drive in the City of Oneida. The area is being developed and would benefit from the development of Base Flood Elevations (BFEs) as it currently has an approximate study. This stream study was requested by the City of Oneida in Madison County.
9. Higinbotham Brook should have an updated detailed study for 2.5 miles from the confluence with the Oneida River to the corporate limits of the City of Oneida. There have

been recent drainage improvements, including retention facilities installed along this stream reach. This stream study was requested by the City of Oneida in Madison County.

10. The Oneida River should be studied by detailed methods for 11.8 miles from the confluence with Oneida Lake to Maider Road in the Town of Schroepfel. There is new development along this stream reach. Stakeholders also indicate flooding occurs in the area around the Route 10 Schroepfel Bridge. This stream study was requested by Oswego County.
11. Oneida Creek should have an updated detailed study for its entire length of 16 miles within the City of Oneida. Mitigation options are being considered for this flooding source. In particular stakeholders noted that a railroad bridge is too small and a berm along this stream reach may be removed. This stream study was requested by the City of Oneida in Madison County.
12. Limestone Creek should have an updated detailed study for 4.7 miles from Manlius Road to Schepps Corners Road in the Town of Manlius. There is repeated flooding on Schepps Corner Road and increased development in the area. This stream study was requested by the Town of Manlius, Onondaga County.
13. Sconondoa Creek should be studied by detailed methods for its entire distance of 8.9 miles within the Town of Augusta. There are significant flooding issues and the stream has shifted course. The effective approximate study is no longer accurate and a detailed study is needed. This stream study was requested by the Town of Augusta in Oneida County.
14. Chittenango Creek should have an updated detailed restudy from its confluence with Oneida Lake to the upstream Village of Chittenango corporate limits for a distance of 26.7 miles. Stakeholders in the Town of Sullivan stated that there is development pressure in the floodway near the lake. Representatives from the Village of Chittenango indicated that there were multiple bridge and culvert replacements since the date of the last study. There is also a Letter of Map Change (LOMC) cluster in the Valley Acres subdivision. Stakeholders believe the current floodplain maps are inaccurate. This stream study was requested by the Town of Sullivan and the Village of Chittenango, Madison County.
15. Mud Creek should have an updated detailed study for 2.1 miles from Route 49 to Thompson Road in the Town of Cicero. This is an area with development pressure. This stream study was requested by the Town of Cicero in Onondaga County.
16. Bay Creek should be studied by detailed methods for 0.9 mile in the corporate limits of the Village of Central Square. The stream is piped near the schools. This stream study was requested by Oswego County.
17. The unnamed tributary of Chittenango Creek should be studied by detailed methods for 1.1 miles from the confluence with Chittenango Creek to the corporate limits of the Village of Chittenango. The flood zone boundaries are not accurate. This stream study was requested by the Village of Chittenango in Madison County.
18. An unnamed tributary to the old Erie Canal should be studied by detailed methods for 0.9 mile from the Canalway Trail Historic Park to the intersection with Routes 5 & 13 in the

Town of Lenox. There is recent residential development and the floodplain is overstated. This stream study was requested by the Town of Lenox in Madison County.

19. Green Brook should be studied by detailed methods for 0.5 mile from the confluence with Furnace Creek to Route 69 in the Town of Annsville. There is a bowl area where it floods and the floodplain is understated on the FIRM. This stream study was requested by the Town of Annsville in Oneida County.
20. Cascades Creek should have an updated detailed study for 0.6 mile from Clark Hollow Road to the confluence with Butternut Creek in the Town of La Fayette. The floodplain is overstated on the FIRM. This stream study was requested by the Town of La Fayette in Onondaga County.
21. Stony Creek should be studied by detailed methods for 3.8 miles from the New York State Thruway to Hartman Road in the Town of Verona. There is an increased flood hazard due to beaver dams. This stream study was requested by the Town of Verona in Madison County.
22. Brandy Brook should be studied by detailed methods for 2.5 miles from the Oneida County corporate limits to Foster Street. There is an increased flood hazard due to beaver dams. This stream study was requested by the Town of Verona in Madison County.

Total requested detailed study mileage: 150.2 miles

List of Detailed Lake Study Priorities for the Oneida Lake Watershed:

1. Oneida Lake should be a detailed Lake study for its entire length of 20.51 miles. Stakeholders from communities along the shoreline indicated there is significant lake shore development occurring. They also noted that seasonal flooding occurs. This study was requested by the Town of Cicero, Onondaga County, and the Towns of Lenox and Sullivan, Madison County.
2. Carterville Pond should be studied by detailed methods for 1.26 miles in the Town of Amboy. Development is occurring in this area. This lake study was requested by the Town of Amboy, Oswego County.
3. Panther Lake should be studied by detailed methods for 1.2 miles in the Town of Amboy. Development is occurring in this area. This lake study was requested by the Town of Amboy, Oswego County.

Total requested lake study mileage: 22.96 miles

A number of communities provided study requests for stream segments located outside of the project. These segments will not be prioritized as part of this effort; however, they will be added to FEMA's CNMS database for inclusion in a future project.

- Ley Creek should have an updated detailed study for 4.2 miles from the confluence with Oneida Lake to the confluence with the North Branch of Ley Creek in the Town of Salina. The remediation project is widening & deepening the creek. This stream study was requested by the Town of Salina in Onondaga County.

- The North Branch of Ley Creek should have an updated detailed study for 4.6 miles from the confluence with Ley Creek to the corporate limits of the Town of DeWitt. The floodplain may be understated. There is industrial and dense residential development in the area. This stream study was requested by the Town of DeWitt in Onondaga County.
- Bloody Brook from the confluence with Oneida Lake to Route 46 should have an updated detailed study for 1.4 miles in the Town of Salina. There is a remediation project that will widen and deepen the channel. This stream study was requested by the Town of Salina in Onondaga County.
- Willow Stream should have an updated detailed study for 1.9 miles from the confluence with Seneca River to State Route 31 in the Town of Clay. Townhouses near the stream were mapped in during the 1980s but the development was planned before the mapping study. This stream study was requested by the Town of Clay in Onondaga.

Total requested outside of watershed study mileage: 12.1 miles

Floodplain Study Request Summary

Total Detailed Riverine Study Request Mileage: 150.2miles

Total Detailed Lake Study Request Mileage: 22.96 miles

Total Approximate Riverine Study Request Mileage: 0 miles

Total Mileage of All Requests: 185.26 miles