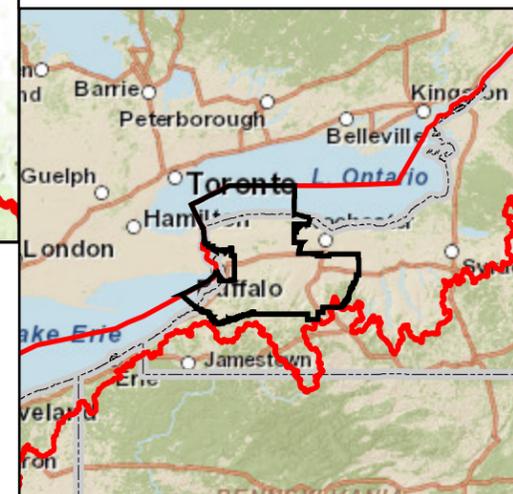


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- |                                  |                                       |   |
|----------------------------------|---------------------------------------|---|
| 1, CG-CAP 103, Athol Springs     | 7, O&M, Mt. Morris Reservoir          | 13, GI, Lake Ontario Coastal Resiliency |
| 2, O&M, Cattaraugus Creek Harbor | 8, FUSRAP, Niagara Falls Storage Site |   |
| 3, CG-CAP 205, Cazenovia Creek   | 9, O&M, Oak Orchard Harbor            |   |
| 4, CG-CAP 14, Cazenovia Creek    | 10, O&M, Olcott Harbor                |   |
| 5, FUSRAP, Guterl Steel          | 11, O&M, Sturgeon Point Marina        |   |
| 6, CG-CAP 206, Johnson Pond      | 12, O&M, Wilson Harbor                |   |





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## FACT SHEET

February 2015

### ATHOL SPRINGS HAMBURG - NY Hurricane and Storm Damage Reduction

Section 103 of the 1962 Rivers and Harbors Act, as amended  
Construction General (Continuing Authorities Program)

#### Location

- Along Route 5 at the southeast shore of Lake Erie in the Athol Springs section of Hamburg, Erie County, NY, which is approximately ten miles south of Buffalo, NY

#### Project Description

- Deteriorating seawall protecting Route 5
- Repair 860 foot long stone revetment and 15 foot wide and 2 foot tall splash apron that would provide stability to the wall and significantly reduce the impacts of wave run-up
- Storms and resultant waves from Lake Erie cause overtopping of the road and retaining wall, creating hazardous travel conditions
- Storms also deposit large quantities of debris onto and across the road, often resulting in closure to traffic and unsafe conditions for business in the area

- Design and Implementation is cost-shared on a 65% Federal and 35% non-Federal basis

#### Importance

- Route 5 is a major traffic route between Buffalo and the south towns

#### Consequences

- Without construction of the project the seawall will continue to deteriorate, resulting in eventual failure of the wall and adjacent road
- Continued overtopping of Route 5 will continue to restrict traffic and routinely deny access to businesses and residents

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	\$ 140k	\$140k	\$0	\$0		
Design & Implementation	\$1.801M	\$288k	\$100k	\$100k		
<b>TOTAL</b>	<b>\$1.941M</b>	<b>\$428k</b>	<b>\$100k</b>	<b>\$100k</b>		

#### Project Sponsor/Customer

- Sponsor - New York State Department of Transportation (NYSDOT) through a letter of intent in Dec 2012
- Customer - Town of Hamburg through a letter of support to the NYSDOT in March 2013

#### Congressional Interests

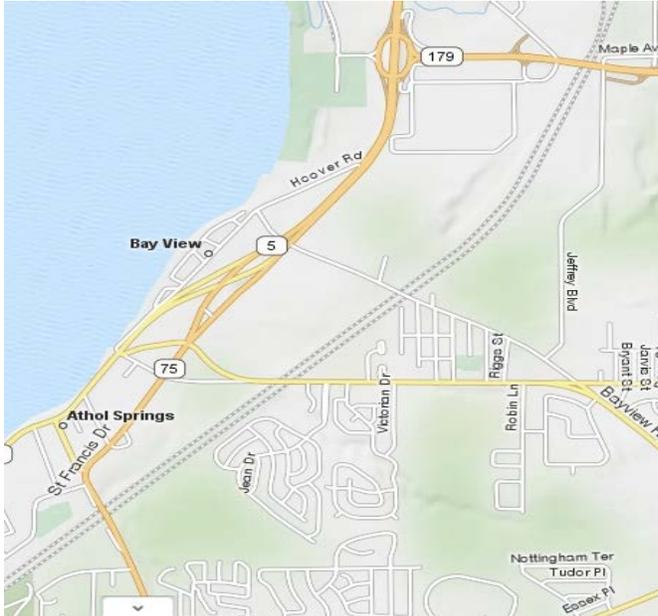
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Feasibility Report was completed in 2006
- The PPA was approved in April 2014 and fully executed in July 2014
- Design work for the project has begun in January 2015

**Issues**

- Local real estate acquisitions are anticipated to take anywhere from 12-18 months, which could delay the project.



Aerial View of Project Area, Source: Mapquest



Athol Springs, NY – Existing Seawall looking north from water edge

**Project Manager:** CPT Kelly Polashenski (716) 879-4171, [Kelly.m.polashenski@usace.army.mil](mailto:Kelly.m.polashenski@usace.army.mil)



## FACT SHEET

February 2015

**Big Sister Creek, Town of Evans - NY**  
Section 4058 of Water Resources Development Act, 2007  
General Investigations

**Location**

- In the town of Evans, Erie County, approximately 20 miles south of the city of Buffalo, NY

**Project Description**

- Ice jam flooding plagues the Town of Evans during later winter/early spring thaws
- During the last major storm in 2004, traffic was impacted along Route 5, a major traffic connector between the southern communities and city of Buffalo

**Importance**

- A flood and coastal storm damage reduction study will determine if Federal interest exists in providing a flood damage reduction project at Big Sister Creek

**Consequences**

- If a flood and coastal storm damage reduction project is not pursued, the town of Evans will continue to incur damages related to ice jam flood events

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Reconnaissance	\$100k	\$0	\$100k	\$0	\$100k	\$0

\*Initial Reconnaissance studies are conducted at full Federal expense

**Project Sponsor/Customer**

- Town of Evans through a Letter of Request in August 2004

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Study is unstarted and will be initiated upon receipt of funds

**Issues**

- No funds have been appropriated to initiate this study



**Project Manager:** David Schulenberg (716) 879-4263, [david.a.schulenberg@usace.army.mil](mailto:david.a.schulenberg@usace.army.mil)



**Buffalo River Watershed Study - NY**

Section 729 of the Water Resources Development Act (WRDA) of 1986, as amended  
General Investigations

**Location**

- The Buffalo River Watershed is located in Erie and Genesee Counties, NY, and includes the Buffalo River Area of Concern

**Project Description**

- The purpose of the watershed assessment is to develop a multi-agency strategic plan for recommending and implementing measures that will restore the beneficial uses of the Buffalo River
- This proposed watershed assessment will provide a framework for sustainable development in the watershed by examining comprehensive ecosystem restoration including habitat and wetland restoration, prevention of future environmental losses, elimination of bacterial loadings and pollutants of concern, analysis of flood control operations to ensure that they are meeting evolving conditions, and

improvement of combined sanitary sewers and home sewage disposal

- Initial Watershed Assessment phase has been completed and identified positive Federal interest in watershed planning

**Importance**

- The watershed management study will result in a strategic plan to guide sustainable development and environmental restoration in the watershed

**Consequence**

- Without the study the Buffalo River watershed stakeholders will continue to work in the watershed on a project by project basis without the benefits of a strategic watershed plan to reference and use to guide comprehensive and multipurpose planning and implementation of sustainable solutions to their complex water resource problems

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Initial Watershed Assessment (Complete)	\$0	\$92k*	\$0	\$0	\$0	\$0
Final Watershed Assessment	\$400k	\$0	\$200k	\$0	\$0k	\$0

\* Initial Watershed Assessment completed using GLRI funding.

**Project Sponsor/Customer**

- Buffalo Niagara River Keeper has expressed support for the study and interest in acting as the non-Federal sponsor

**Congressional Interests**

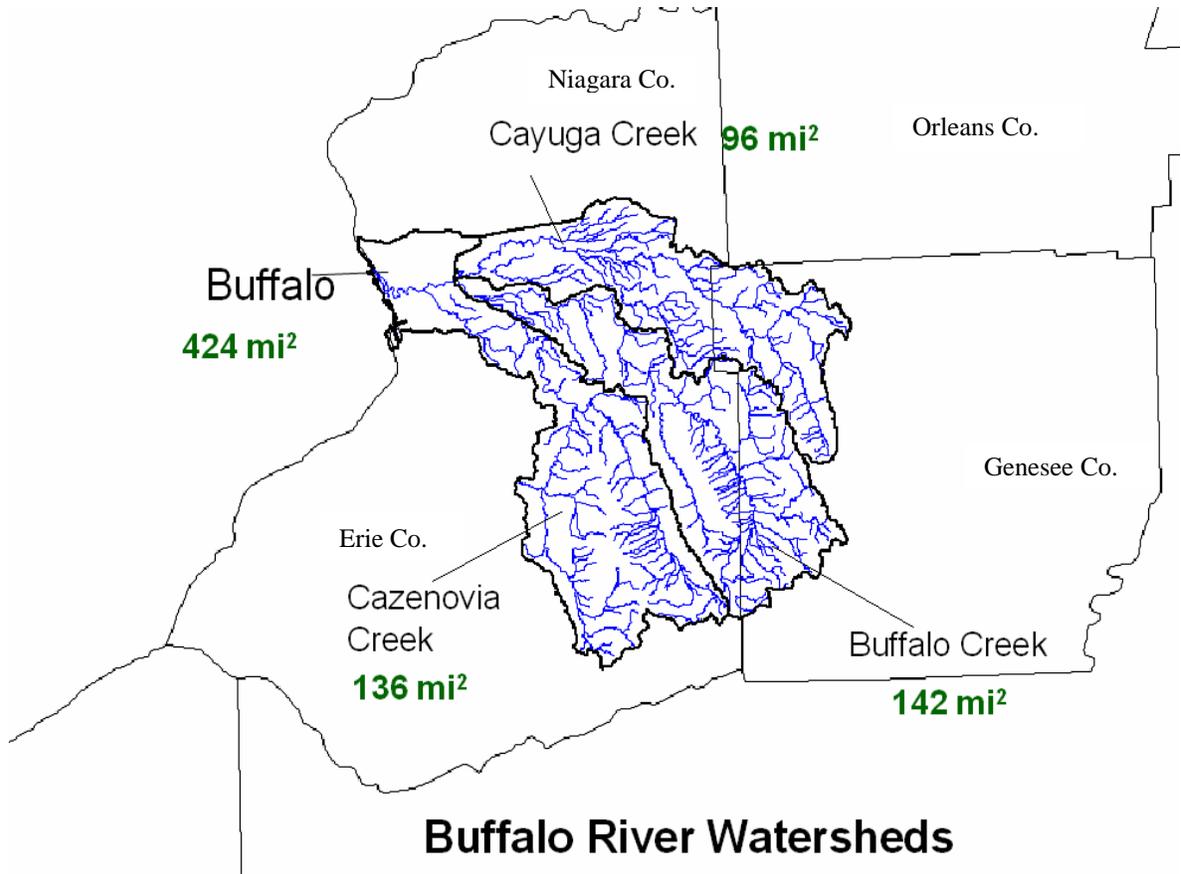
- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Initial Watershed Assessment (IWA) complete
- Developing a Watershed Assessment Management Plan (WAMP) and negotiating cost sharing agreement with non-Federal sponsor

**Issues**

- Project requires funding to move forward



**Project Manager:** David A. Schulenberg (716) 879-4263, [david.a.schulenberg@usace.army.mil](mailto:david.a.schulenberg@usace.army.mil)



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## FACT SHEET

February 2015

### **BUFFALO RIVER REGIONAL SEDIMENT MANAGEMENT, NY**

#### **Regional Sediment Management - Beneficial Use of Dredged Material**

Section 204 of the 1992 Water Resources Development Act, as amended  
Construction General (Continuing Authorities Program)

#### Location

- Buffalo Harbor, NY

#### Project Description

- This authority evaluates the use of dredged material from new or existing Federal projects to protect, restore, or create aquatic and ecologically related habitats, including wetlands; to reduce storm damage to property, in connection with dredging for construction, operation, or maintenance of an authorized navigation project
- Creation of over 5 acres of emergent, and submerged aquatic habitat
- Creation of wetland communities along the shoreline
- The creation of deepwater fish habitat using submerged trees will increase the density and diversity of aquatic species
- Feasibility phase is 100% Federal

- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

#### Importance

- Buffalo River is a listed Area of Concern (AOC) due to loss of fish and wildlife habitat
- A high priority as a result of sediment remediation is the restoration of aquatic habitat and wetlands wherever possible

#### Consequence

- Without implementation of this project, there will be a lack of alternative uses of dredged material for ecosystem restoration

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	\$1,550k	\$1,381k	\$35k	\$35k	\$50k	\$0

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Design & Implementation	\$2,000k	\$0k	\$0k	\$0k	\$210k	\$0

#### Project Sponsor/Customer

- City of Buffalo submitted a Letter of Request in June 2014

#### Congressional Interests

- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

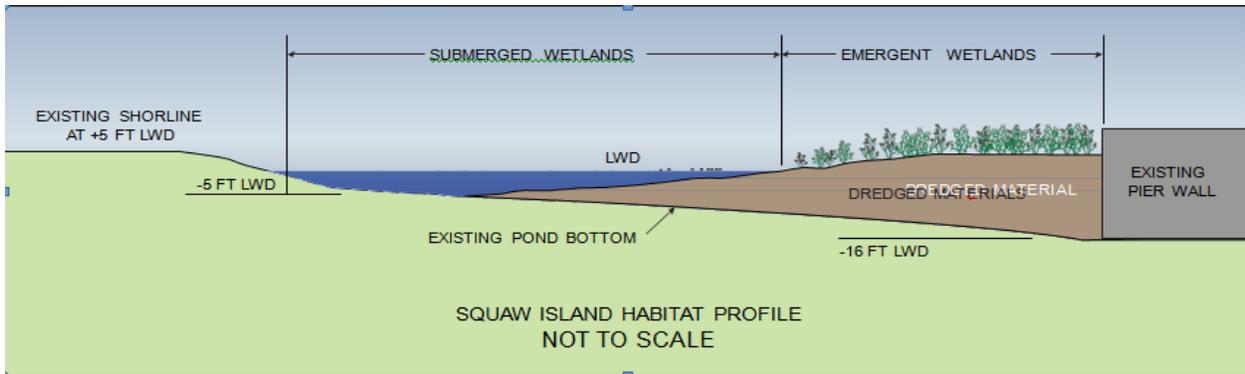
#### Current Status

- Currently finalizing the Feasibility phase
- Additional funds would be used to complete the Project Partnership Agreement and enter the Design & Implementation phase
- Collaborating with Great Lakes Legacy Act (GLLA) work

#### Issues

- None





**Project Manager:** Ken Podsiadlo, P.E. (716) 879-4217, [Kenneth.E.Podsiadlo@usace.army.mil](mailto:Kenneth.E.Podsiadlo@usace.army.mil)





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**FACT SHEET**

February 2015

**TOWN OF MIDDLESEX, CANANDAIGUA LAKE - NY**  
**Emergency Streambank and Shore Protection for Public Facilities**  
Section 14, Flood Control Act of 1946, as amended  
Construction General (Continuing Authorities Program)

**Location**

- Town of Middlesex, Yates County, NY
- At the shore of Canandaigua Lake along South Lake Road

**Project Description**

- Shoreline erosion is significantly threatening the stability of South Lake Road
- The study would investigate alternatives for shoreline stabilization and erosion at the site
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal

- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

**Importance**

- South Lake Road is a residential street with public utilities and the only feasible means of ingress and egress for residents and first responders

**Consequences**

- Continued erosion and lack of shoreline bank stabilization will eventually lead to breaching and possible loss of sections of South Lake Road causing human health and safety issues for motorists

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility <sup>1</sup>	TBD	\$0	\$50k	\$0	\$50k	\$0

(1) First \$100k is at 100% Federal expense.

**Project Sponsor/Customer**

- Town of Middlesex, NY
- Letter of request from the town of Middlesex, NY dated January 10, 2010

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY

- Senator Kirsten Gillibrand D-NY

**Current Status**

- Not funded, not initiated

**Issues**

- Project requires additional funding to move forward



**Project Manager:** David Schulenberg (716) 879-4263, [David.A.Schulenberg@usace.army.mil](mailto:David.A.Schulenberg@usace.army.mil)



**Cattaraugus Creek Watershed Assessment, NY**

Section 729 of the Water Resources Development Act (WRDA) of 1986, as amended  
General Investigations

**Location**

- Cattaraugus Creek is located primarily in Cattaraugus, Erie, Wyoming, Allegany, and Chautauqua Counties, NY with a total drainage area of 558 square miles

**Project Description**

- The Initial Watershed Assessment for Cattaraugus Creek identified Federal and stakeholder interest in watershed planning
- The primary concern identified for the watershed related to stream bank erosion and non-point source sediment and nutrient pollution contributing to the degradation of in stream and riparian habitat. Stream bank erosion also threatens private and public property

**Importance**

- Watershed restoration is most effective and efficient when projects are formulated, designed and implemented in accordance with a strategic plan

**Consequences**

- Without the study the Cattaraugus Creek watershed stakeholders will continue to work in the watershed on a project by project basis without the benefits of a strategic watershed plan to reference and use to guide further that can be relied upon for comprehensive and multipurpose planning and implementation of sustainable solutions to their complex water resource problems

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Initial Watershed Assessment (Complete)	\$102k	\$102k*	\$0k	\$0	\$0	\$0
Final Watershed Assessment	\$200k	\$0	\$100k	\$0	\$200k	\$0

\*Funded through the Great Lakes Restoration Initiative Program

**Project Sponsor/Customer**

- Southern Tier West Regional Planning and Development Board
- Cattaraugus County Soil and Water Conservation District

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Initial Watershed Assessment (Complete)
- A Final Watershed Assessment (FWA) would further investigate conditions in the watershed related to these concerns for the purpose of developing a strategic plan for watershed restoration and sustainable development

**Issues**

- Project requires funding to move forward



**Project Manager:** David A. Schulenberg (716) 879-4263, [david.a.schulenberg@usace.army.mil](mailto:david.a.schulenberg@usace.army.mil)



## Cattaraugus Creek Harbor, NY

### Harbor Features

- Located on Lake Erie at the mouth of Cattaraugus Creek, Cattaraugus County, New York
- Authorization: River & Harbor Act of 1968
- Shallow draft recreational harbor
- Authorized depths are 8 feet in the entrance channel and 6 feet in the Cattaraugus Creek channel
- The harbor is protected by the North and South Breakwaters with a total length of 2,450 feet
- Construction of the project provided flood control benefits to the local community by removing shoals at the mouth of the creek and thereby reducing the threat of annual ice jam flooding
- Maintenance for this project is cost-shared 59% Federal and 41% local cost-share partner. The local cost-share partner is the New York State Office of Parks, Recreation and Historic Preservation (NYSPRHP)
- Major stakeholders include New York State Department of Environmental Conservation (NYSDEC), NYSPRHP, the Seneca Nation, private marinas, charter fishing interests and the recreational boating community

### Project Requirements

- Maintenance dredging is required very infrequently. The project has not been dredged since construction in 1983
- Sections of the south and west breakwaters are starting to deteriorate and require repairs.



### Consequences of Not Maintaining the Project

- Potential safety issues for recreational boating community
- Potential functional loss of Harbor of Refuge
- Negative economic impacts, locally and regionally

### Transportation Importance

- Harbor of Refuge
- Supports 11 charter fishing boats generating approximately \$90,000 in net income annually

**U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016  
Cattaraugus Creek Harbor, New York - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
E&D, South and West Breakwater Repair			205		205	
Maintenance Dredging (Incl Sediment Sampling & Analysis)			590			
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>795</b>	<b>0</b>	<b>205</b>	<b>0</b>

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Representative Tom Reed R-NY-23
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



# FACT SHEET

February 2015

## CAZENOVIA CREEK, ICE CONTROL STRUCTURE (ICS) - WEST SENECA, NY Small Flood Control Projects

Section 205 of the Flood Control Act of 1948, as amended  
Construction General (Continuing Authorities Program)

### Location

- Located on Cazenovia Creek in the Town of West Seneca, Erie County, New York

### Project Description

- The Ice Control Structure (ICS) is comprised of steel-jacketed concrete piers anchored into bedrock across Cazenovia Creek to act as an ice retention barrier to reduce downstream flooding
- Federal funds used to complete the ICS project was \$3,744K
- Volume of log and debris jams and the speed at which it amasses was unanticipated; creating conditions of turbulent overflows that scours and erodes right bank riprap revetment, the access road, and the maintenance area. Severe damages occurred in December 2007 and March 2008
- Design deficiency was evaluated resulting in recommendation to extend existing berm

further upstream of the ICS to control overflows and repair the riprap revetment, access road and maintenance area

### Importance

- NYSDEC requested USACE to investigate the ICS operation. USACE concluded that repairs are needed to the ICS area and that design improvements are equally necessary to mitigate future damages

### Consequences

- If repairs and design improvements are not implemented in a timely manner, the erosion and degradation of the area will continue to worsen and will increasingly encumber the municipality's already compromised ability to maintain the ICS
- If left unaddressed, ice flows will circumvent the ICS and severe downstream flooding will again take place

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Estimated total Federal cost to repair and improve the ICS.	\$500K	\$500K	\$0K	\$0K	\$0	\$0

### Project Sponsor/Customer

- New York State Department of Environmental Conservation (NYSDEC)

### Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

### Current Status

- The Project Cooperation Agreement (PCA) Amendment between USACE and project sponsor was signed November 17, 2014
- The signed PCA Amendment was returned to the NYS DEC for processing to the NYS Comptroller's office so that the non-Federal funds could be issued for the project

### Issues

- Awaiting receipt of the non-Federal funds



Cazenovia Creek Ice Control System (ICS)



Excessive Debris Build-up



Eroded Revetment Downstream of ICS



Maintenance Road Compromised by Erosion

**Project Manager:** Casimir Brzozowiec, (716) 879-4232, [Casimir.Brzozowiec@USACE.Army.mil](mailto:Casimir.Brzozowiec@USACE.Army.mil).



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## FACT SHEET

February 2015

**CAZENOVIA CREEK, COLDEN - NY**  
**Emergency Streambank/Shoreline Protection Projects**  
 Section 14, Flood Control Act of 1948, as amended  
 Construction General (Continuing Authorities Program)

### Location

- State Route 240 in Colden, NY along Cazenovia Creek, in the vicinity of the Colden Town Hall

### Project Description

- Provides emergency streambank and shoreline protection to protect endangered highways, highway bridge approaches, and public works facilities such as water and sewer lines, churches, public and private non-profit schools, hospitals, and other public facilities
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal

- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

### Importance

- Erosion along the creek's banks has placed town property, the town's new water supply, and the town hall's septic systems in danger of failure

### Consequence

- Erosion will continue to occur if bank stabilization is not addressed which could jeopardize the structural integrity of the town property, septic system, and new water supply system

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility <sup>1</sup>	TBD	\$56k	\$45k	\$45k	\$0k	\$0

(1) First \$100k is at 100% Federal expense.

### Project Sponsor/Customer

- Town of Colden

### Congressional Interests

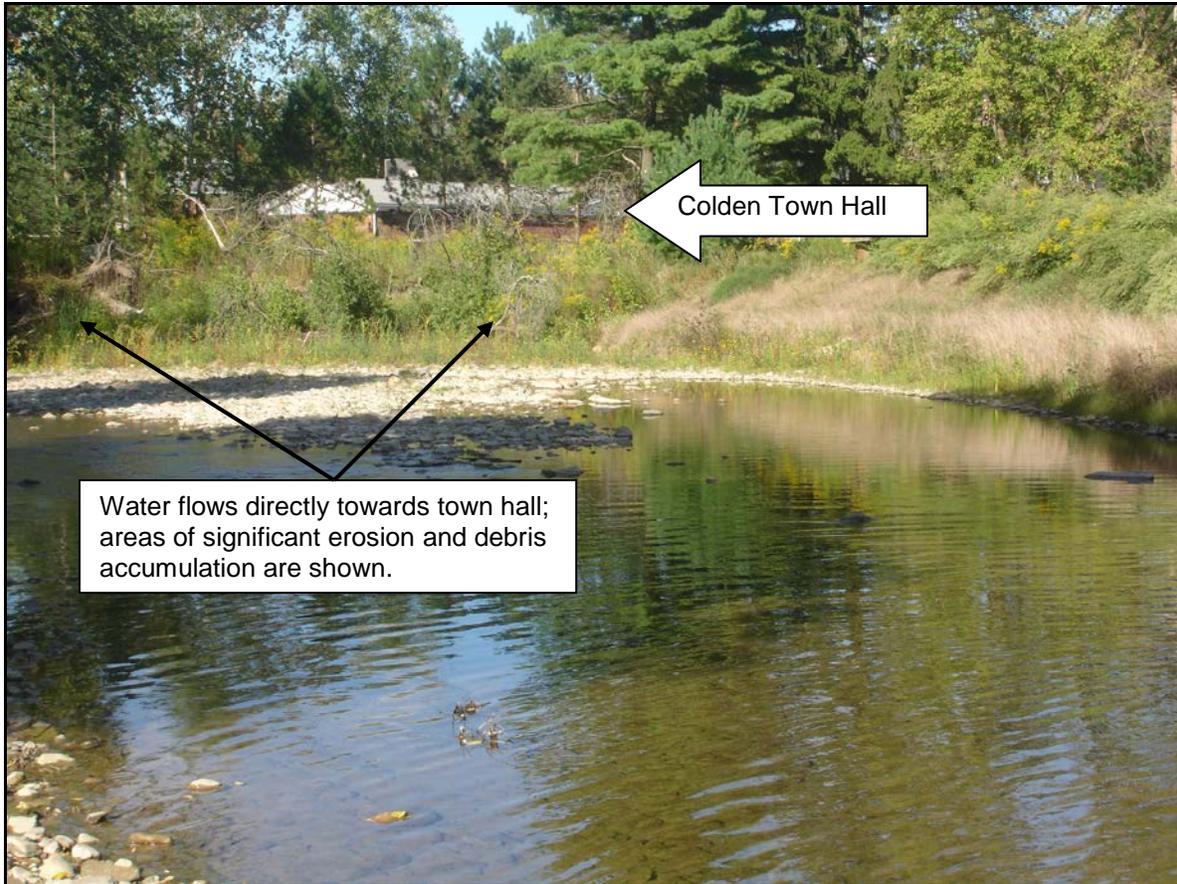
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

### Current Status

- A positive Determination of Federal Interest Report (DFI) was completed in December 2012
- A Feasibility Cost-Sharing Agreement is being negotiated

### Issues

- None





**Clarence, NY - Planning Assistance to States (PAS)**  
Section 22 of the Water Resources Development Act of 1974, as amended  
General Investigations

**Location**

- Town of Clarence, a major suburb located approximately 20 miles northeast of the city of Buffalo

**Project Description**

- Under the PAS authority, hydrologic models would be prepared to identify the 5-year, 10-year, 25-year and 50-year storm carrying capacity of the town's diversion channels
- Hydrologic and hydraulic studies are being pursued in order to assist the town in creating alternative solutions for their flooding and drainage issues
- Study is cost shared on a 50% Federal and 50% non-Federal basis

**Importance**

- This project will provide a tool for the town of Clarence to evaluate how future development can potentially impact the town

**Consequences**

- Without the development of this tool, the town of Clarence will continue to be plagued by local flooding events as development occurs in the watershed
- A PAS study would provide an evaluation report which the town could use as a planning tool for future development of the town

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Planning Assistance	\$100k	\$0	\$25k	\$0	\$25k	\$0

**Project Sponsor/Customer**

- Town of Clarence

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Efforts are underway to determine if the non-Federal sponsor is still interested

**Issues**

- Due to restricted funding in the PAS program, there have been limited new starts



Clarence, NY –PAS study area

**Project Manager:** Laura V. Ortiz (716) 879-4407, [laura.v.ortiz@usace.army.mil](mailto:laura.v.ortiz@usace.army.mil)



**Eighteenmile Creek Comprehensive Watershed Study, NY**

Section 729 of the Water Resources Development Act (WRDA) of 1986, as amended

**Location**

- The Eighteenmile Creek watershed is located in Niagara County in western NY

**Project Description**

- The Corps has the authority to assess water resource needs related to ecosystem protection and restoration; flood damage reduction; navigation and ports; and water supply in a watershed. The strategic plan will place emphasis on collaboration and consensus building with all relevant Federal, State, and local stakeholders to maximize implementation of actions identified in both the Eighteenmile Creek Remedial Action Plan and the Lake Ontario Management Plan
- Initial Watershed Assessment phase is 100% Federal

**Importance**

- The watershed management study will result in a strategic plan to guide sustainable development and environmental restoration

in the watershed. The plan will recommend alternatives and measures to address (among others) comprehensive ecosystem restoration including habitat and wetland restoration, prevention of future environmental losses, elimination of bacterial loadings and pollutants of concern, improvements to navigation channels, analysis of flood control operations to ensure that they are meeting evolving conditions, and improvement of combined sanitary sewers and home sewage disposal

**Consequences**

- Without the study the Eighteenmile Creek watershed stakeholders will continue to work in the watershed on a project by project basis without the benefits of a strategic watershed plan to reference and use to guide further comprehensive and multipurpose planning and implementation of sustainable solutions to their complex water resource problems

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Initial Watershed Assessment	\$100k	\$0	\$100k	\$0	\$100k	\$0

**Project Sponsor/Customer**

- The Niagara County Soil and Water Conservation District submitted a Letter of Intent on September 1, 2006

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Study is unstarted and will be begin upon receipt of funds

**Issues**

- No funds have been appropriated to initiate this study



**Project Manager:** Marty Wargo (716) 879-4116, [martin.p.wargo@usace.army.mil](mailto:martin.p.wargo@usace.army.mil)



## FACT SHEET

February 2015

### Special Studies – Silver Creek, Chautauqua County, NY

Section 206 of the 1960 Flood Control Act, as amended  
General Investigations

#### Location

- Silver Creek is located approximately 30 miles from the city of Buffalo, NY

#### Project Description

- A Special Study will create a hydrologic and hydraulic model for Silver Creek and Walnut Creek
- The study will determine the 1% and .2% chance of exceedance (100 and 500-year flood plain) in the area

#### Importance

- Updated flood plain information will assist local officials in zoning and flood plain management in the community

#### Consequences

- Without an updated study the communities will not have accurate and current flood plain information
- Flooding in 2009 caused widespread damage

Project Phase*	Estimated Federal Cost	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Special Study – Silver Creek	\$320k	\$3.7k	\$75k	\$.4k	\$315k	\$0

\*Special Studies are 100% Federally financed

#### Project Sponsor/Customer

- New York State

#### Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

#### Current Status

- Prioritization of water bodies needing updated studies was coordinated with Federal Emergency Management Agency (FEMA), US Geological Survey

(USGS) and the New York State Department of Environmental Conservation (NYSDEC)

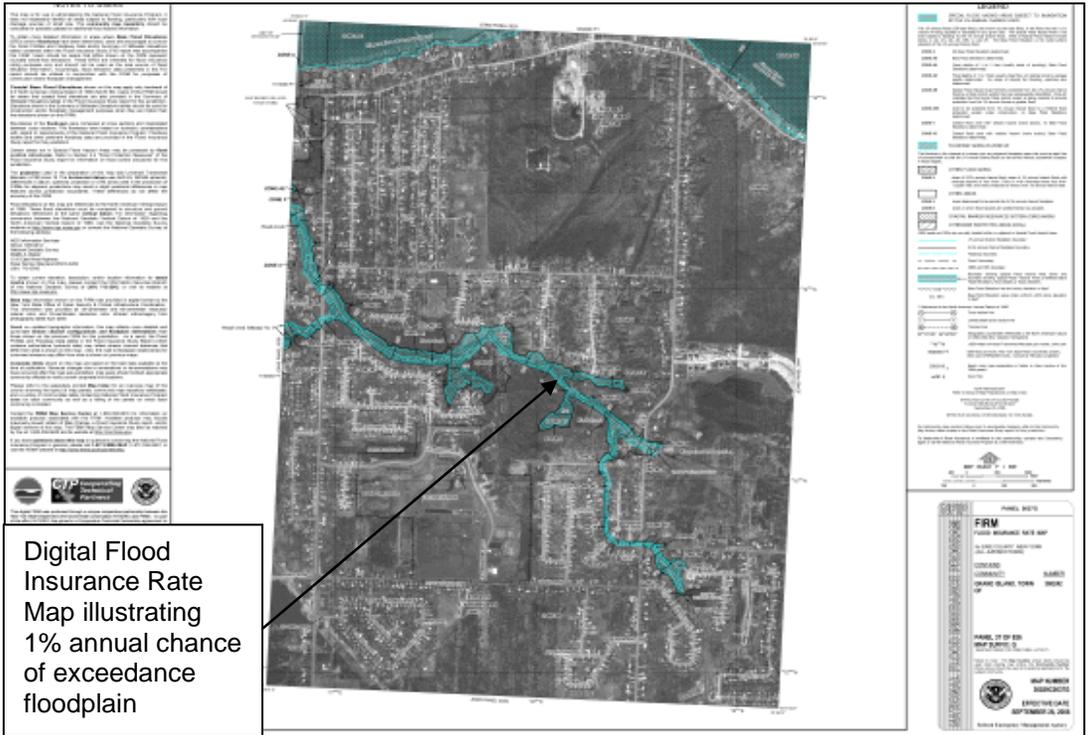
- Resource agencies are providing available background data
- The completed reports and technical studies will be provided to FEMA as an application for a Letter of Map Revision

#### Issues

- Funding limitations have impacted progress



After effects of Flood of 2009; Mobile home located in 100 year floodplain  
 Source: Topix.com



Digital Flood Insurance Rate Map illustrating 1% annual chance of exceedance floodplain

Example of Digital Flood Insurance Rate Map

**Project Manager:** Laura V. Ortiz (716) 879-4407, [laura.v.ortiz@usace.army.mil](mailto:laura.v.ortiz@usace.army.mil)



## FACT SHEET

February 2015

### Special Studies – New York

Section 206 of the 1960 Flood Control Act, as amended  
General Investigations

#### Location

- Streams and rivers of NY, located within the Buffalo District boundaries

#### Project Description

- A Special Study will create a hydrologic and hydraulic model for portions of identified creeks and streams
- The study will determine the 1% and .2% chance of exceedence (100 and 500-year flood plain) in the area

#### Importance

- Updated flood plain information will assist local officials in zoning and flood plain management in the community

#### Consequences

- Without an updated study the communities will not have accurate and current flood plain information

Project Phase*	Estimated Federal Cost	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Special Study – Silver Creek, NY	\$320k	\$3.7k	\$75k	\$.4k	\$315k	\$0
Special Study- Finger Lakes	\$250k	\$4.5k	\$50k	\$.7k	\$245k	\$0
Special Study - Naples, NY	\$220k	\$4.5k	\$75k	\$.4k	\$215k	\$0
Special Study- St. Lawrence County	\$250k	\$5.5k	\$125k	\$.4k	\$245k	\$0
Special Study – Jefferson County	\$250k	\$3.8k	\$80k	\$.3k	\$245k	\$0

\*Special Studies are 100% Federally financed

#### Project Sponsor/Customer

- New York State

#### Congressional Interests

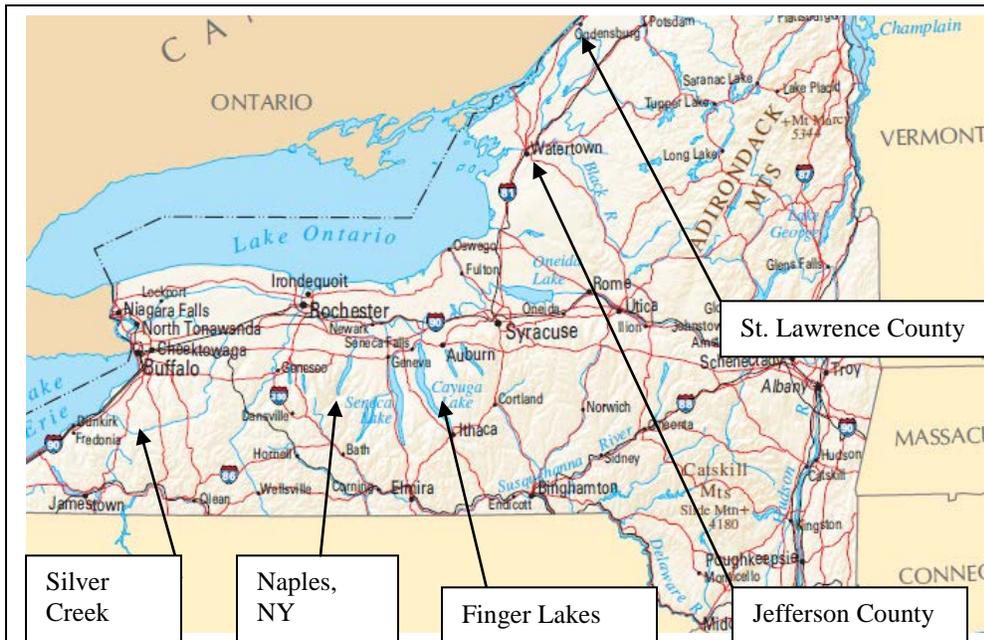
- Representative Elsie Stefanik R-NY-21
- Representative Richard Hanna R-NY-22
- Representative Tom Reed R-NY-23
- Representative John Katko R-NY-24
- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

#### Current Status

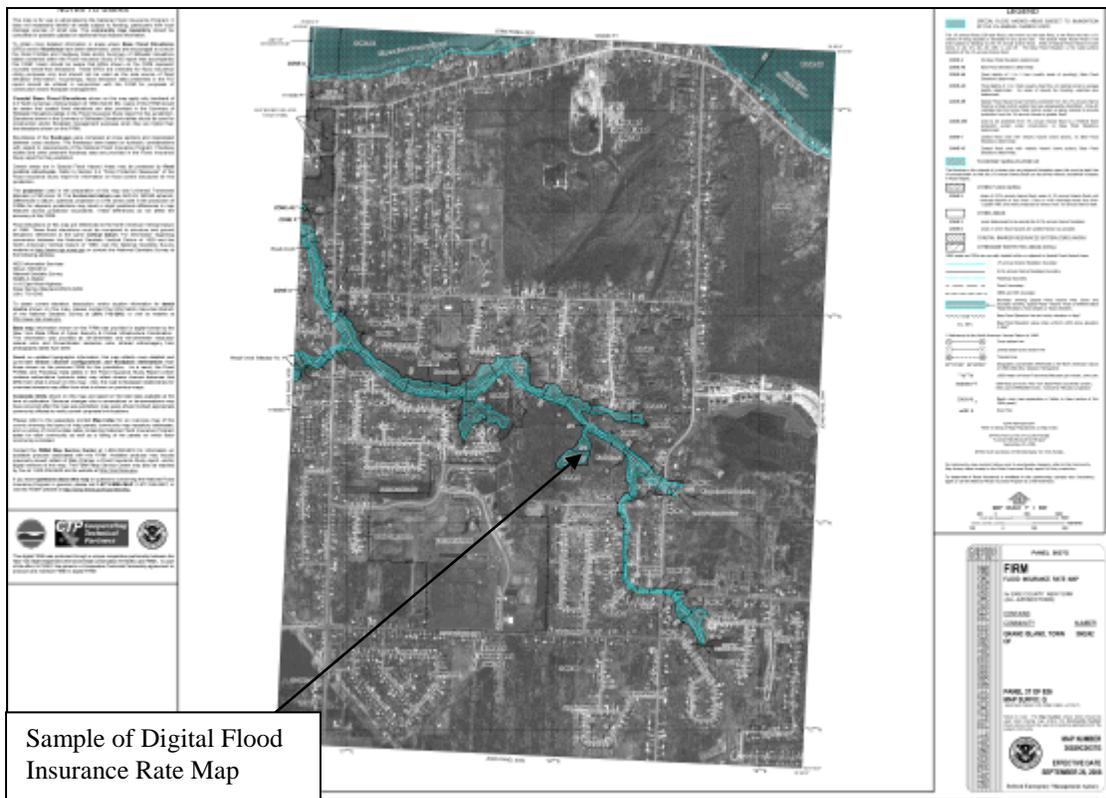
- Limited funding was provided to initiate the studies. Progress will be made based on the availability of funding

#### Issues

- Limited funding in the Flood Plain Management Program has been insufficient to continue new projects
- Prioritization will occur for unmapped or water bodies in need of updating for each of the studies



Source: Nationalatlas.gov



Sample of Digital Flood Insurance Rate Map

**Project Manager:** Laura V. Ortiz (716) 879-4407, [laura.v.ortiz@usace.army.mil](mailto:laura.v.ortiz@usace.army.mil)



**FORMER LAKE ONTARIO ORDNANCE WORKS (LOOW)  
TOWNS OF LEWISTON AND PORTER, NY**

Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS)

**Location**

- Towns of Lewiston and Porter, New York

**Project Description**

- The purpose of this project is to investigate the former LOOW site and determine the nature and extent of environmental contamination and associated human health and ecological risks resulting from Department of Defense (DoD) activities at the site
- The Corps is investigating chemical and explosives hazards at the site resulting from DoD operations including explosives manufacturing, munitions storage, rocket fuel production, electronics research, and a NIKE missile launch site
- The original site was nearly 7,500 acres. Throughout the 1940s to present day, the DoD reduced its operations, excessed properties, and sold them to the public. To date, nearly 6,500 acres are in non-Federal ownership

**Project Capabilities**

- The investigation and any potential remedies for risks exceeding the

applicable, relevant, and appropriate federal standards are conducted in accordance with the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

**Importance**

- It is important to ensure these properties do not pose unacceptable human health, safety or ecological risks for current and future land use, as promulgated by Federal environmental laws, resulting from past DoD operations

**Consequences**

- Without a thorough investigation of past DoD operations and potential environmental impacts, the public may be at risk from DoD contamination at these properties
- The USACE environmental investigations, decisions, and response actions at the former LOOW may have long-lasting, potential human health and/or environmental impacts on the Towns of Lewiston and Porter and Niagara County

Project Phase	Estimated Cost of Phase	Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Investigation*	\$17.8M**	\$513k	\$520k	\$520k	TBD	TBD

\* Investigation Phase includes Remedial Investigation, Feasibility Study, Proposed Plan, Decision Document, and Remedial Design.

\*\* All funding figures include labor (LRB, NAB, and NAE) and contracts.

## Project Sponsor/Customer

- Project Sponsor/Customer: The project sponsor is the US Congress. Customers include property owners, affected communities and elected leaders, and local, state, and Federal environmental and health agencies

## Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

## Current Status

- **Completed Work:**
  - 1998: LOOW History Search Report
  - 1999: Removal of 6,300 cubic yards of asbestos contamination
  - 1999: Removal of 1,300 tons of chemically contaminated pipeline sludge and water
  - 1999: Removal of 300 pounds of TNT explosives from pipelines and soils
  - 2000: Cleaning and closure of 95% of TNT waste pipelines
  - 2000-2008: Three phases of field sampling to determine the nature of chemical and explosives contamination. Removal of six underground storage tanks
  - 2008 (Sep): Publication of underground utility investigation report (UURI) and HHRA for contaminated soils and water
  - 2009 (Oct): Publication of Management Action Plan (M.A.P.) summarizing key facts, findings, and proposed future work at each current property in the former LOOW site
  - 2010 (Sep): Completion of historical archive search report (ASR) regarding munitions and chemical warfare material operations
  - 2011 (Mar): Completion Report for Lew-Port School Site Investigation (SI) report
  - 2012 (Mar): Completion Report for OEA Safety Project work at WWTP
  - 2012 (Dec): INPR Addendum No. 2 signed by NAD Commander
  - 2013 (Feb): Update No. 1 to M.A.P. published
  - 2013 (Jun): Completion of the Occidental Property Remedial Investigation (RI) report

- 2013 (Jul): Completion of the Monitoring Well Decommissioning and Closeout Report
- 2014 (Jul): Completion of the Feasibility Study for the Waste Water Treatment Plant

- **Planned Work (FY 2015):**
  - Feasibility Study for the Occidental Property
  - Site Inspection for Ground Disturbances at LOOW
  - Continued public outreach and coordination with public health and environmental agencies

## Issues

- USACE is not authorized by DERP-FUDS to address contaminants from non-federal releases to the environment. Environmental contamination from non-federal sources may exist and may remain after USACE is finished
- USACE is not authorized to address related site issues such as public debate over the adequacy of previous



- radiological cleanup by the USDOE, current landfill operations on the former LOOW, and demands for health studies
- USACE is also conducting a related environmental investigation of a former LOOW property, still under Federal ownership, known as the Niagara Falls Storage Site (NFSS). This site is being investigated under the Formerly Utilized Sites Remedial Action Program (FUSRAP).

**Project Manager:** Mick Senus, (716) 879-4309, [michael.p.senus@usace.army.mil](mailto:michael.p.senus@usace.army.mil)



## FACT SHEET

February 2015

### GUTERL STEEL – LOCKPORT, NY

Formerly Utilized Sites Remedial Action Program (FUSRAP)

#### Location

- City of Lockport, NY, approximately 28 miles north of Buffalo, NY

#### Site History and Project Description

- Guterl is a 70 acre site in Lockport, NY. Specific buildings used in the operations encompass about nine acres within an “excised property” that is now abandoned
- The site was used by the U.S. Atomic Energy Commission to perform rolling mill operations on approximately 35 million pounds of uranium metals and 40 thousand pounds of thorium metals between 1948 and 1955
- The Corps completed a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Remedial Investigation Report in August 2010

#### Importance

- As is, the site does not pose an immediate threat to human health, however, elevated levels of radionuclides exist that exceed Federal environmental requirement criteria and limitations promulgated under Federal environmental laws
- The objective of FUSRAP is to remediate sites to a risk level commensurate with projected future use of the site

#### Consequences

- Potential for long-term adverse human health effects
- Loss of economically viable property

Project Phase	Estimate Federal Cost	Funding through FY14	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 Budget
Investigation*	\$10.9M	\$10.0M	\$500k	\$500k	\$400k	\$400k

\*Investigation Phase includes Remedial Investigation, Feasibility Study, Proposed Plan, and Record of Decision

#### Project Sponsor/Customer

- Project Sponsor/Customer: The project sponsor is the US Congress. Customers include adjacent property owners, affected communities and elected leaders, and local, state, and Federal environmental and health agencies

#### Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY

- Senator Kirsten Gillibrand D-NY

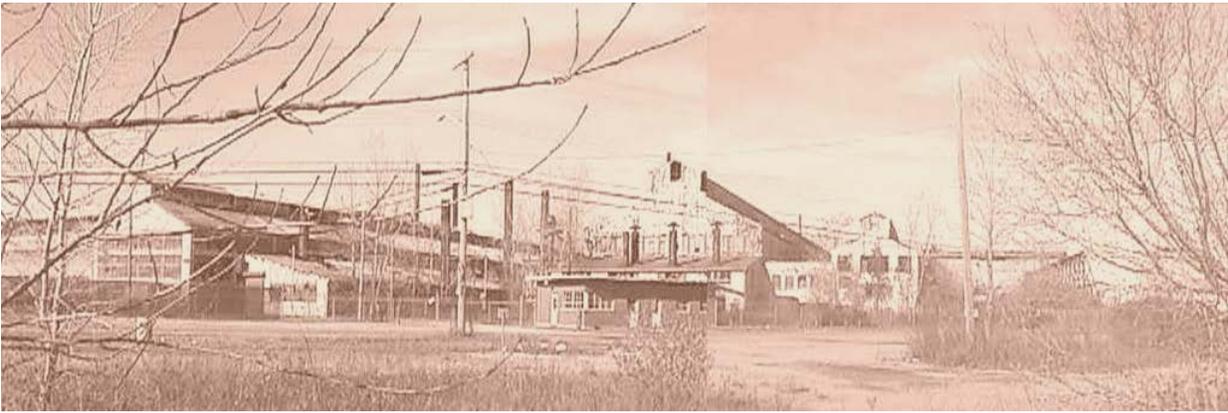
#### Current Status:

- The Feasibility Study phase to determine viable remedial alternatives will be completed in 2015.

#### Issues:

- None

**Project Manager:** Linda M. Houston (716) 879-4395, [Linda.M.Houston@usace.army.mil](mailto:Linda.M.Houston@usace.army.mil)





US Army Corps  
of Engineers®  
Buffalo District

## FACT SHEET

February 2015

### JOHNSON POND, TOWN OF LYNDONVILLE - NY

#### Aquatic Ecosystem Restoration

Section 206 of the 1996 Water Resources Development Act, as amended  
Construction General (Continuing Authorities Program)

#### Location

- Within the Village of Lyndonville, in the Town of Yates, Orleans County, NY, located 45 miles northeast of Buffalo and 45 miles northwest of Rochester, NY

#### Project Description

- 14 acre Johnson Pond has filled in with sediment and lacks high quality fish and wildlife habitat
- Johnson Creek upstream and downstream of Johnson Pond also lacks high quality fish and wildlife habitat.
- Feasibility study would recommend project alternatives to improve fish and wildlife habitat in Johnson Pond, Johnson Creek, and along the bank of the creek
- Project alternatives may include restoring wetlands, installing a sea lamprey barrier, building sheltered areas in the creek for fish and wildlife, and

planting vegetation along the edge of the stream channel

- Feasibility phase is cost-shared 50% Federal and 50% non-Federal
- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

#### Importance

- Restoration of Johnson Pond will allow establishment of greater diversity of fish species and associated habitat
- Restoration will also contribute to the economic revitalization of the community

#### Consequences

- Without this project, Johnson Pond will continue to fill in with sediment, have poor water quality, Johnson Creek will provide minimal fish habitat, and sea lamprey may spread into 45 miles of upstream creek channels

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility <sup>1</sup>	\$312.5	\$110.3k	\$0k	\$0	\$150k	\$0

1) First \$100k is at 100% Federal expense.

#### Project Sponsor/Customer

- Sponsor – Village of Lyndonville, NY through a letter of request on 12 May 2008
- Customer - Residents of the village, town and local tourists

#### Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY

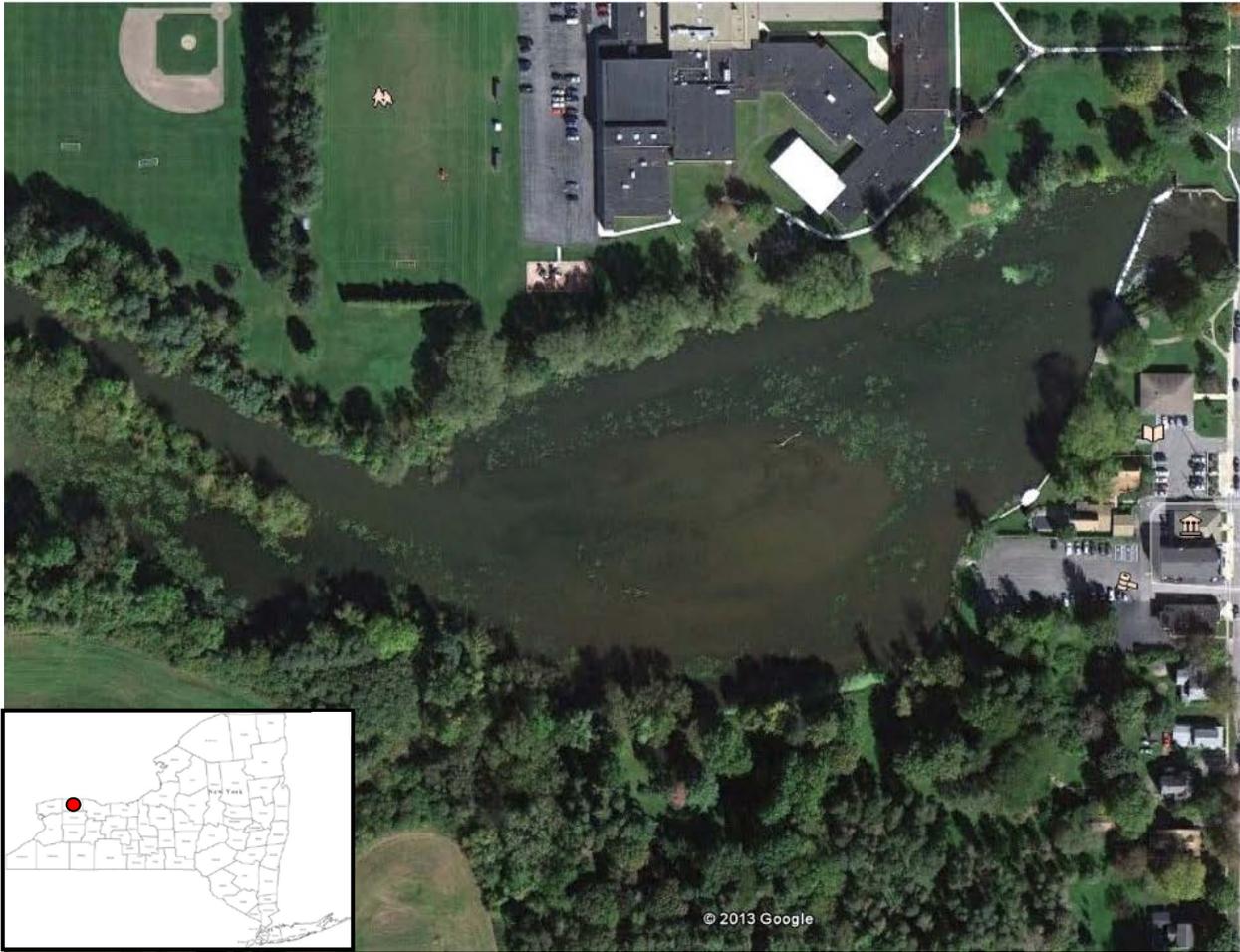
- Senator Kirsten Gillibrand D-NY

#### Current Status

- The Determination of Federal Interest (DFI) is complete and has resulted in a positive determination
- A Feasibility Cost-Sharing Agreement (FCSA) is being negotiated

#### Issues

- None



**Project Manager:** Craig Forgette (716) 879-4187, [Craig.M.Forgette@usace.army.mil](mailto:Craig.M.Forgette@usace.army.mil)



## Mount Morris Lake and Dam, NY

### Project Features

- Located inside the Genesee River gorge approximately 1.5 miles from the village of Mount Morris, NY on the Genesee River
- Project includes dry dam, visitor center and associated facilities
- The concrete-gravity dry dam provides flood damage reduction for the metropolitan area of Rochester, New York, other residential areas, farmlands, and industrial developments in the lower Genesee River Valley
- Flood risk management is the sole purpose of the Mount Morris Dam structure with hydroelectric power generation being prohibited by the Genesee River Protection Act of 1989
- An interpretive program through the Visitor Information Center exists to educate the public about the importance and history of the Corps and the project
- The project facilities also support recreation and natural resource management activities

### Project Requirements

- The project requires annual funding for routine annual and periodic operations and maintenance activities necessary to operate the dam and facilities
- In addition to routine operation and maintenance (O&M) for the dam, visitor center, service facilities and recreation areas, critical requirements include: dam safety, water control management, debris removal, piezometer replacement, replacement of hydraulics, repair of gate seals, stairwell replacement and repairs to the concrete roadway on the dam.



### Consequences of Not Maintaining the Project

- Failure to fund routine annual and periodic O&M for the dam and service facilities could result in operating systems failures and structural degradation that ultimately reduces project availability to mitigate damages from flooding in the lower Genesee River Valley
- Failure to fund routine annual and periodic O&M for the visitor center and recreation areas could result in total or temporary closure of the recreation facilities
- Failure to complete the following specific repairs and upgrades could result in a reduction in the dam's ability to minimize damages downstream during high water events: debris removal, piezometer replacement, replacement of hydraulics, repair of gate seals, stairwell replacement and repairs to the concrete roadway on the dam.

### Importance

- Project serves 161,000 people in the Genesee River 100-year flood plain
- In 2013, the dam prevented an estimated \$213M in flood damages

➤ Since its completion in 1952, the dam has prevented an estimated \$2.28B in flood damage

### **U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016 Mount Morris Lake and Dam, New York Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
Operations of Dam (Incl. Seismic Instr., EMS Maint, Facility Security Ops.)	1,366	1,326	1,450	1,450	745	745
Operation of Service Facilities	440	440	456	456	460	460
Dam Safety (Incl. Emergency Action Plan Exercise)	115	115	249	249	145	145
Water Control Management (Incl. Watershed Calibration, Co-Op Stream Gaging, Data Collection Platforms & Datum Evaluation)	594	594	625	625	635	635
Maintenance Repair of Dam and Facility					1,190	1,190
Construction, Debris Removal	450	450	453	453		
Construction., Install Stairwell Units-Interior	350				400	
Repair Concrete Roadway on Dam	250				400	
Construction, Replace Hydraulics			200		200	
Inspect and Engineer Analysis of Gate Seals	500	500			350	
E&D Piezometer Replacement	200		250		250	
Construction, Automation of Ops Gates			150		150	
Operations Management Recreation Features	20	10	32	10	28	28
Operations Management Recreation Features – Off Peak Season	12		30		30	
Maintenance of Recreation Features	69	38	69	39	80	50
Visitor Center Maintenance	64	34	64	34	75	45
Visitor Center Operations	137	148	159	141	132	132
Utilities to Recreation Features	45					
Replace Water Lines	250	250				
Strategic Sustainability Performance Plan	100		100		100	
Master Plan Upgrades	75		75	75	75	75
Facility Security (Maintenance)			100	100		
Fitness Health Trail	20					
Recreation Upgrades	35					
Visitor Center Renovations					35	
Formal Periodic Inspection & Assessment			206	206		
Historic Properties Management Plan	5	5	5	5	5	5
Environmental Stewardship – Wildlife Management	64	64	76	76	40	40
Environmental Stewardship – Pest & Invasive Spec Management					30	30
Environmental Stewardship – Boundary Inspection & Maintenance					15	15
NRWO Picnic Area Critical Maintenance			35			
<b>TOTALS</b>	<b>5,161</b>	<b>3,974</b>	<b>4,784</b>	<b>3,919</b>	<b>5,570</b>	<b>3,595</b>

## **Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY





**FACT SHEET**  
**Niagara River, NY - Ecosystem Restoration**

February 2015

No Current Authority  
General Investigations

**Location**

- The Niagara River watershed is located in Erie and Niagara Counties in western New York.

**Project Description**

- The study would result in the production of a Section 905(b) Reconnaissance Analysis for possible ecosystem restoration (reconstruction of fish and wildlife habitats, e.g. islands and wetlands) along the U.S. shoreline of the Niagara River, New York
- Pending a positive Reconnaissance Study, a full scale feasibility study would be conducted

**Importance**

- Potential ecosystem measures are being formulated on the local level using funds provided by the Niagara Power Project relicensing settlement. Federal matching funds are limited by relatively

scant funding in General Investigations, Continuing Authorities and other programs

- The intent of this reconnaissance/feasibility study would be to consider and evaluate a wide range of ecosystem restoration measures on the Niagara River to ultimately be considered for Congressional Authorization and funding

**Consequences**

- Without this study, the Niagara River watershed stakeholders will continue to work in the watershed on a project by project basis without the potential benefits of major Federal funding for construction of ecosystem restoration measures

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Allocation	FY15 Requirement	FY16 Budget	FY16 Budget
Section 905(b) Reconnaissance Study	\$100k	\$0k	\$0k	\$0k	\$0k	\$100k

**Project Sponsor/Customer**

- Buffalo Niagara RIVERKEEPER, NYSDEC, Niagara River Greenway Commission

**Congressional Interests**

- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- Not funded, not initiated.

**Issues**

- No current study authority (would need a WRDA study authorization or a study authorization by House or Senate Resolution)



**Project Manager:** David A. Schulenberg (716) 879-4263, [david.a.schulenberg@usace.army.mil](mailto:david.a.schulenberg@usace.army.mil)



**NIAGARA FALLS STORAGE SITE (NFSS) - LEWISTON, NY**  
Formerly Utilized Sites Remedial Action Program (FUSRAP)

**Location**

- 1397 Pletcher Road, Town of Lewiston, New York. The site is a federally owned property of 191 acres. It is a part of the former 7,500 acre Lake Ontario Ordnance Works

**Project Description**

- Operate and maintain the NFSS to ensure the physical security and environmental integrity of site grounds, infrastructure, buildings and the 10 acre Interim Waste Containment Structure (IWCS)
- Conduct annual environmental surveillance to ensure radioactive wastes and residues in the IWCS are not subjecting the public to a radiological dose and radon
- Perform a comprehensive environmental investigation to assess the nature and extent of Federal contamination, the associated human health and ecological risks, and identify long- term remedial alternatives

**Importance**

- The long term protectiveness of the IWCS is a critical health and safety issue for the local community

- The long-term fate of the radioactive wastes and residues at the site is a major environmental issue with the community
- In 2008, the Department of Homeland Security designated the site as a critical infrastructure site
- As is, the site does not pose a threat to human health and the environment, however, elevated levels of radionuclides exist that exceed Federal environmental requirement criteria and limitations promulgated under Federal environmental laws

**Consequences**

- Without daily maintenance, the IWCS could degrade and subject the public to a radiological dose, radon, and increase the possibility of contaminant migration to adjacent properties
- Without maintaining physical and electronic security improvements, the site could be subjected to criminal and terrorist threats
- The USACE environmental investigations, decisions, and response actions at the NFSS will have national significance in FUSRAP

Project Phase	Estimated Federal Cost	Funding through FY14	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 Budget
*Investigation, Annual Site O&M, and Environmental Surveillance	\$326.2M	\$81.6M	\$2.6M	\$2.6M	\$3.6M	\$3.6M

\*Investigation Phase includes Remedial Investigation Addendum, Feasibility Study, Proposed Plan, and Record of Decision (ROD). The scope of this project includes seven Operable Units (NFSS-IWCS, NFSS Buildings, Infrastructure, Soils [Balance of Plant], NFSS Groundwater, NFSS Off-Site Underground Utilities Impacts, and the Off-Site Vicinity Properties E, E-Prime, and G). The ultimate Federal project cost for closing out all Operable Units will be known upon completion of Records of Decision for all seven Operable Units. Total Federal Cost is To Be Determined (TBD) after the completion of Feasibility Studies for all operable units.

### Project Sponsor/Customer

- Project Sponsor/Customer: The project sponsor is the US Congress. Customers include the property owner (Department of Energy), affected communities, elected leaders, and local, state, and Federal environmental and health agencies

### Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

### Current Status

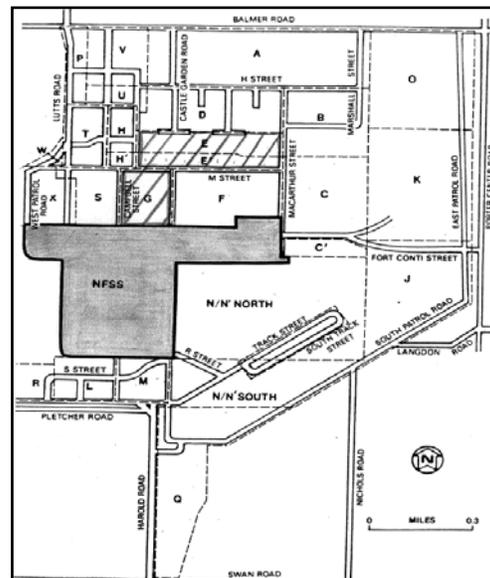
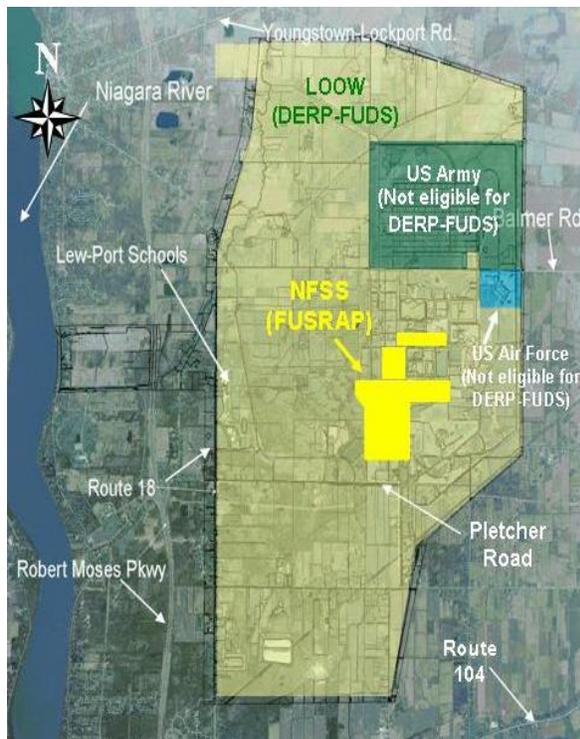
- The Remedial Investigation (RI) Report was publicly released in December 2007; a RI Addendum was released in 2011 to address comments on the original RI
- The Feasibility Study (FS) for the IWCS will continue through 2014 with a scheduled release in the summer of 2015
- The FS for the remaining site soils and groundwater will be delayed until after signing of the ROD for the IWCS
- Site security was upgraded in 2011
- A comprehensive environmental surveillance program is conducted to verify the integrity of the IWCS and protectiveness of human health and the environment

- The professional services of a technical facilitator were procured in May 2011 to enhance communications with the community during the IWCS FS development. The technical facilitator also provides assistance to the community in understanding the technically complex issues associated with the IWCS FS. Public involvement also includes periodic workshops and monthly community meetings to engage in dialogue on key issues and concerns within the community

### Issues

- Waste Control Specialists (WCS), a disposal facility in Andrews, Texas, constructed a cell that currently contains K-65 residues from Fernald, Ohio site that is similar to the material in the IWCS. The USACE will evaluate this cell as a potential disposal option during development of the IWCS FS
- The USACE is proceeding with identifying and evaluating potential long term remedial alternatives for contamination at the site
- The USACE FUSRAP authority to address radioactive contamination is limited to the NFSS and three smaller off site areas (vicinity properties) currently owned by Waste Management, Chemical Services LLC

**Project Manager:** John Busse, (716) 879-4375, [john.h.busse@usace.army.mil](mailto:john.h.busse@usace.army.mil)



**NFSS Site and associated open NFSS Vicinity Properties E, E prime, and G within Former Lake Ontario Ordnance Works (LOOW) Boundaries**



**US Army Corps  
of Engineers**  
Buffalo District



## New York Shallow Draft Harbors

**Appropriation Category:** Operations and Maintenance (O&M)

**Congressional Interests:**

Representative Tom Reed R-NY-23  
 Representative Louise Slaughter D-NY-25  
 Representative Chris Collins R-NY-27  
 Senator Charles Schumer D-NY  
 Senator Kirsten Gillibrand D-NY

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
Barcelona, West Breakwater Repair					500	
Barcelona, Dredging	250					
Cape Vincent Harbor, Sediment Sampling & Analysis**			170			
Cattaraugus Creek Harbor, Maintenance Dredging			590			
Cattaraugus Creek Harbor, E&D S&W Breakwater Repair			205		205	
Great Sodus Harbor, Dredging**	830				830	
Great Sodus Harbor, E. Breakwater Repair**	250		250		250	
Irondequoit Bay, Dredging	350	350				
Little River Harbor, Dredging					700	
Little Sodus Harbor, Dredging**	600					
Little Sodus E&D/Const W. Pier Repair**	250		250		250	
Oak Orchard, Dredging	100					
Ogdensburg, Sediment Sampling & Analysis			70		70	
Olcott, Dredging	790					
Port Ontario, E&D, Construction Sand Bypass	1,300				1,300	
Port Ontario, Sediment Sampling and Analysis			70			
Sturgeon Point, Annual Sand Bypass***	20				20	
Wilson, E&D/Constr. West Pier Repair					300	
Wilson, Dredging	300		785		725	
<b>TOTALS</b>	<b>5,040</b>	<b>350</b>	<b>2,390</b>	<b>0</b>	<b>5,150</b>	<b>0</b>

- \*\* These harbors were authorized as deep draft commercial harbors but are currently maintained as shallow draft recreational harbors.
- \*\*\* This project was Federally constructed and is locally operated and maintained.

**Current Condition:** The New York shallow draft harbors are in serious need of maintenance dredging, navigation structure repair or sand bypassing. Funding for recreational “low-use” harbors is a low priority in the budgetary process. Lack of maintenance at these harbors will lead to increased shoaling, structure deterioration and sand accretion; resulting in limited usage and/or unsafe navigation conditions within the harbor and navigation channels and potential shoreline erosion.

**Background:** Shallow draft harbors within NY include: Barcelona, Cape Vincent, Cattaraugus Creek, Irondequoit, Little River, Morristown, Oak Orchard, Olcott, Port Ontario, Sackets, Sturgeon Point and Wilson. Shallow draft harbors are utilized for recreational purposes, with no defined commercial traffic. These projects generally consist of a shallow channel (4–14 feet deep), and relatively small system of breakwaters and/or piers.



**Significance:** The NY shallow draft harbors help to support the regional economy by providing an additional source of revenue, jobs and income to the area. The harbors support recreational interests and numerous regionally significant businesses interests. Major business interests include marinas, charter fishing, tourism, gasoline and marine product sales. In addition, most of the harbors serve as designated harbors of refuge; with the purpose of providing refuge to water crafts during severe lake storms.



**New York Power Authority (NYPA)  
Planning Assistance to States**

Section 22 of the Water Resources Development Act of 1974, as amended  
General Investigations

**Location**

- Along the Tonawanda Channel of the Niagara River near Grand Island and Tonawanda, NY

**Project Description**

- Study would be conducted to determine threshold water levels at which flood damage may occur along predefined stretches of the Niagara River
- Study is cost shared on a 50% Federal and 50% non-Federal basis

**Importance**

- NYPA requested the study to supplement an original study entitled “Flood Damage Study Report” which was completed by the Buffalo District in 1986
- Outcome of District study will assist the NYPA with their Flood Warning Notification Plan

**Consequences**

- Without this report, the NYPA will not have accurate mapping along the Tonawanda Channel of the Niagara River

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Planning Assistance	\$42k	\$25k	\$17k	\$17k	\$0k	TBD

**Project Sponsor/Customer**

- New York Power Authority through a request in May 2013

**Congressional Interests**

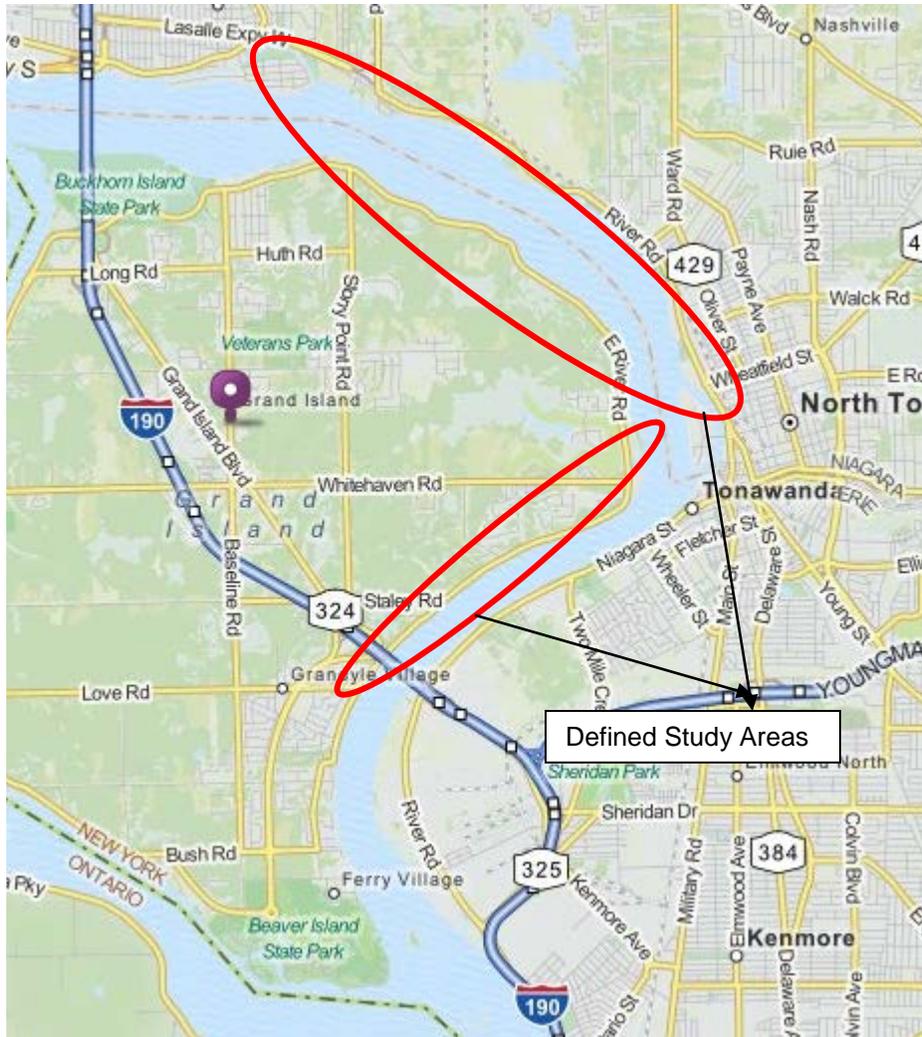
- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

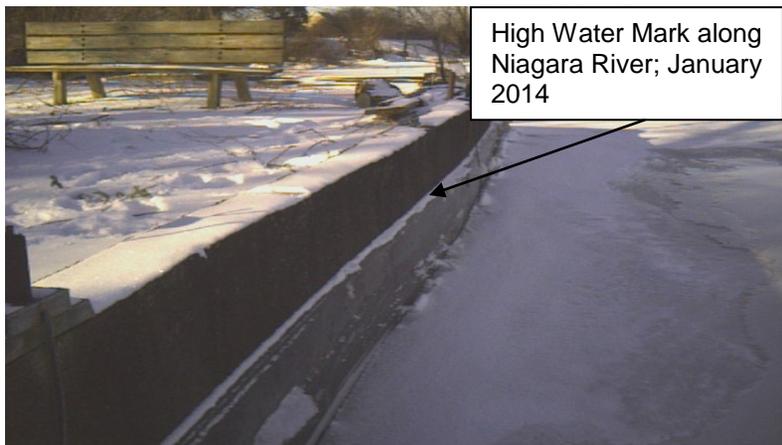
- The report which incorporated NYPA’s comments was submitted to the NYPA in July 2014
- Additional analyses were requested by NYPA and this is currently being prepared

**Issues**

- None



Study Area for NYPA Section 22 work  
Source: MapQuest



Project Manager: Laura V. Ortiz (716) 879-4407, [laura.v.ortiz@usace.army.mil](mailto:laura.v.ortiz@usace.army.mil)



**Town of Yorkshire, NY - Riverine Erosion  
Planning Assistance to States**

Section 22 of the Water Resources Development Act of 1974, as amended  
General Investigations

**Location**

- The town of Yorkshire is located 30 miles south of the city of Buffalo
- Cattaraugus Creek forms the natural boundary between Erie and Cattaraugus Counties

**Project Description**

- Study would be conducted to evaluate the erosion areas along Cattaraugus Creek
- The goal of the study would be to identify future erosive areas of Cattaraugus Creek to assist the town in formulating future planning and zoning codes
- Study is cost shared on a 50% Federal and 50% non-Federal basis

**Importance**

- Study request made in response to a home which was on the verge of collapsing into Cattaraugus Creek

**Consequences**

- Without this report, the town of Yorkshire will not be able to revise zoning and planning codes which could negatively impact future development

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Planning Assistance	\$100k	\$0	\$100k	\$0	\$100k	\$0

**Project Sponsor/Customer**

- Town of Yorkshire through a Letter of Request in 2007

**Congressional Interests**

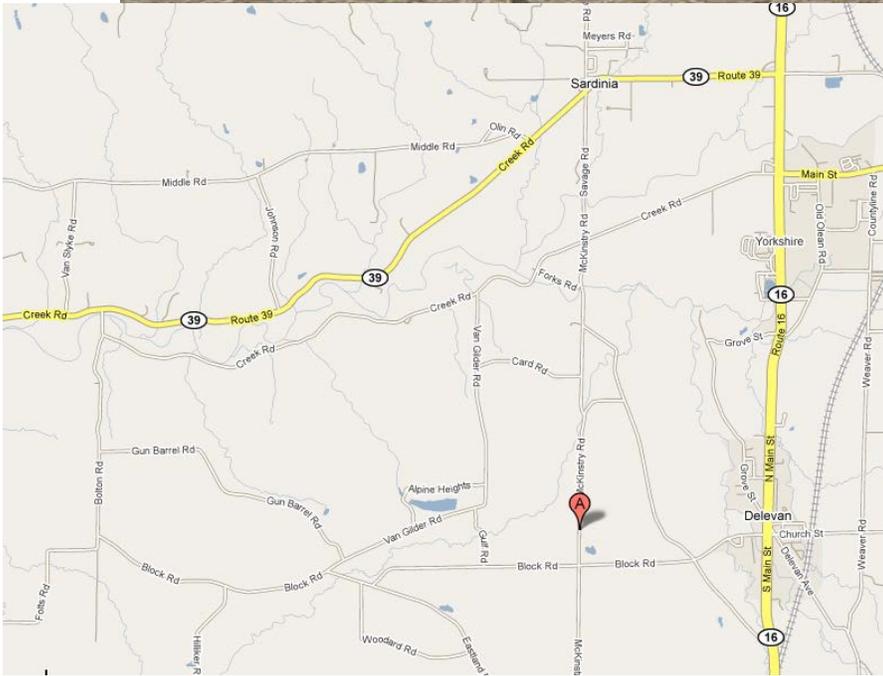
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

- This study has not been initiated

**Issues**

- Limited funding in this program has been inefficient to initiate new projects



**Project Manager:** Laura V. Ortiz (716) 879-4407, [laura.v.ortiz@usace.army.mil](mailto:laura.v.ortiz@usace.army.mil)



## Oak Orchard Harbor, NY

### Harbor Features

- Located on Lake Ontario at the mouth of Oak Orchard Creek, in the Hamlet of Point Breeze, Town of Carlton, Orleans County, New York
- Authorization: River & Harbor Act of 1945
- Shallow draft recreational harbor
- Authorized depths are 10 feet in the entrance channel and 8 feet in the harbor basin
- The harbor is formed by the east and west jetties and a detached breakwater with a total length of 2,120 feet
- Non-Federal facilities includes 2 state and county marine parks offering seasonal and transient docking, launching and fish cleaning, 6 private marinas, 2 with fish cleaning stations, 2 restaurants, 3 rental cottage facilities, 1 motel, pump out facilities, fuel and travel-lifts
- Major stakeholders include Orleans County, U.S. Coast Guard, private marinas, charter fishing interests and the recreational boating community

### Project Requirements

- Maintenance dredging is required every 3-5 years. The project was last dredged in 2004 when 10,700 cubic yards (CY) of sediment was removed
- Sandy supplemental funded dredging of approximately 15,000 CY of material from storm impacted harbor areas was completed in Summer 2014



### Consequences of Not Maintaining the Project

- Potential safety issues for recreational boating community
- Potential functional loss of Harbor of Refuge
- Negative economic impacts, locally and regionally

### Transportation Importance

- Harbor of Refuge
- Provides safe recreational access between Lake Ontario and Oak Orchard Creek
- Orleans County Sheriff Marine Patrol and Coast Guard Auxiliary unit located at Orleans County Marine Park
- Hosts annual harbor festivals and fishing derbies
- Home to 422 slips, 6 boat launch lanes and 38 charter boats.
- Generates economic benefits totaling \$7,087,101 and supports 117 jobs.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016  
Oak Orchard Harbor, New York - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
Maintenance Dredging	100					
Sandy Supplemental Maintenance Dredging	360*	360*				
<b>TOTALS</b>	<b>460</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Funds allocated through Public Law 113-2 Disaster Relief Appropriations Act, 2013

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



## Olcott Harbor, NY

### Harbor Features

- Located on Lake Ontario at the mouth of Eighteen Mile Creek in the Village of Olcott, Niagara County, New York
- Authorization: River & Harbor Acts of 1867 and 1913 and Water Resources Development Act of 1986
- Shallow draft recreational harbor
- Authorized depth is 12 feet in the Federal navigation channel
- The channel is 140 feet wide and approximately 1,400 feet long
- The harbor entrance is protected by the east and west piers with a total length of 1,723 feet
- Major stakeholders include Town of Newfane, private marinas, charter boats, charter fishing interests and the recreational boating community

### Project Requirements

- The harbor typically requires dredging every five to ten years. It was last dredged in 1997 when 9,900 cubic yards (CY) of material was removed
- Sandy supplemental funded dredging of approximately 12,000 CY of material from storm impacted harbor areas was completed in Summer 2014



### Consequences of Not Maintaining the Project

- Potential safety issues for recreational boating community
- Potential functional loss of Critical Harbor of Refuge
- Negative economic impacts, locally and regionally

### Transportation Importance

- Harbor of Refuge
- Home to 124 slips, 6 boat launch lanes and 14 charter boats.
- Generates economic benefits totaling \$5,780,656 and supports 109 jobs.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016  
Olcott Harbor, New York - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
Maintenance Dredging – Primary						
Sandy Supplemental Maintenance Dredging	305*	305*				
<b>TOTALS</b>	<b>305</b>	<b>305</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Funds allocated through Public Law 113-2 Disaster Relief Appropriations Act, 2013

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



## FACT SHEET

February 2015

### Oswego River Basin, NY Flood Forecasting New York State (NYS) Canal Corporation

Water Resources Development Act of 1999, Section 436  
General Investigations

#### Location

- Central New York State, comprising over 5,000 square miles, including the Finger Lakes

#### Project Description

- In the December 2005 *Report on the Future of New York State Canals*, the NYS Canal Corporation discussed the need for “more coherent and comprehensive system of water management in the Basin” and recommended a “canal system-wide real-time monitoring system with the forecasting tools necessary to project flood estimates, allowing lake managers and the Canal Corporation to make decisions based upon an accurate assessment of basin-wide conditions

#### Importance

- The area has quite a number of water resource related issues. However, Flooding is a primary issue of the basin and affects numerous communities, businesses, and people. Flooding related issues would be a focus of this study

#### Consequences

- Without funding; evaluation of water related resource issues and needs will remain unknown

Project Phase	Est. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	TBD	\$0	\$100k	\$0	\$150k	\$0

(1) PAS Studies are cost-shared 50% Federal, 50% non-Federal.

#### Project Sponsor/Customer

- New York State Canal Corporation (NYS Thruway Authority)

#### Congressional Interests

- Representative Louise Slaughter D-NY-25
- Representative John Katko R-NY-24
- Representative Chris Collins R-NY-27
- Representative Tom Reed R-NY-23
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

#### Current Status

- Not funded, not initiated

#### Issues

- No funding has been appropriated to this project recently





**SPRINGVILLE DAM, SPRINGVILLE, NY**

Section 506 of the Water Resources Development Act of 2000  
Great Lakes Fisheries and Ecosystem Restoration (GLFER)  
Construction General (CG)

**Location**

- The dam is located in the village of Springville, Erie County in western New York on the Cattaraugus Creek. It is approximately 30 miles south of Buffalo and is 34 miles upstream of the Lake Erie confluence. Cattaraugus Creek is the natural boundary separating Erie and Cattaraugus Counties.

**Project Description**

- Restore ecological connectivity of the upper Cattaraugus Creek watershed to the downstream areas of creek and Lake Erie.
- The preferred plan lowers the dam spillway and replaces it with a sea lamprey (invasive species) barrier and fish ramp. At the top of the ramp will be a stoplog weir, a jump pool and a

lamprey trap. The stoplogs will be removed during non-lamprey spawning season allowing unrestricted access.

**Importance**

- This project supports Lakewide Management Plan (LaMP) goals: Maintain/restore ecosystem to support self-reproducing diverse biological communities.
- The upper Cattaraugus Creek and its tributaries are all of higher quality than downstream of the dam with regards to water quality and spawning habitat.

**Consequences**

- Not restoring ecological connectivity will deny fish communities above and below the dam increased richness and abundance.

Project Phase	Est. Federal Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	\$997K	\$1,204K <sup>1</sup>	\$150K <sup>1</sup>	\$0	\$0	\$0
Design & Implementation <sup>2</sup>	\$3,382K	\$0	\$100K	\$0	\$330K	\$0
<b>TOTAL</b>	<b>\$4,379K<sup>3</sup></b>	<b>\$1,204K</b>	<b>\$250K</b>	<b>\$0</b>	<b>\$330K</b>	<b>\$0</b>

<sup>1</sup>Most of these funds will be retroactively cost shared at the beginning of PED, after the PPA is completed.

<sup>2</sup>Includes PPA completion.

<sup>3</sup>Total project cost (Federal plus Non-Federal) is estimated to be \$6,600K.

**Current Status**

- The Detailed Project Report and Environmental Assessment is completed and being reviewed for final certification.
- A draft Project Partnership Agreement has been sent to the non-Federal sponsors for review and concurrence.
- Erie County has committed \$470K toward the Non-Federal cost share.

**Project Sponsors**

- New York State Department of Environmental Conservation through a letter of request in January 2014.
- Erie County through a letter of intent February 2014.

**Congressional Interests**

- Representative Tom Reed R-NY-23
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Issues**

- Springville Dam does not meet current design safety standards. Any modification to the dam must include bringing the dam into compliance and involve Type 2 IEPR procedure.
- Limiting sea lamprey movements and reproduction should remain a critical consideration of this project.



Figure 1. Springville Dam - Looking upstream, before modification.



Figure 2. Springville Dam - Artist's rendering of completed fish passage ramp with sea lamprey barrier.

**Project Manager:** Geoffrey K. Hintz, (716) 879-4155, [Geoffrey.K.Hintz@usace.army.mil](mailto:Geoffrey.K.Hintz@usace.army.mil)



## Sturgeon Point Marina, NY

### **Harbor Features**

- Located on Lake Erie, 29 miles southwest of Buffalo, in the town of Evans, Erie County, New York
- Authorization: River & Harbor Act of 1960
- Shallow draft commercial/recreational harbor, Federally constructed and locally operated and maintained
- Authorized depths are 8 feet in the entrance channel and 4-6 feet in the harbor basin
- The harbor is protected by East and West Breakwaters with a total length of 840 feet and a shoreline revetment with a total length of 580 feet
- Existing Local Cooperation Agreement (LCA), dated October 26, 1987 between the U.S Army Corps of Engineers, Buffalo District and town of Evans states, “the Government annually shall pay the town one hundred percent of the incurred operation and maintenance costs allocated to commercial navigation.”
- The LCA also states that in the event that annual appropriations are insufficient to meet expenditures for the current fiscal year, either party may terminate the agreement or suspend performance
- Major stakeholders include the Town of Evans, charter fishing interests and the recreational boating community



### **Project Requirements**

- Annual Corps reimbursement to the non-Federal sponsor, the town of Evans, for sand bypassing and/or dredging
- Federal funds were last appropriated in FY05

### **Consequences of Not Maintaining the Project**

- Failure to dredge will result in continued shoaling and reduced channel dimensions; resulting in unsafe navigation conditions
- Potential safety issues for recreational boating community
- Potential functional loss of Harbor of Refuge
- Negative economic impacts to local economy

### **Transportation Importance**

- Harbor of Refuge
- Supports 11 charter fishing boats generating approximately \$90,000 in net income annually

**U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016  
Sturgeon Point Marina, New York - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
Annual Sand By-Pass	20				20	
<b>TOTALS</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



## Wilson Harbor, NY

### Harbor Features

- Located on Lake Ontario at the mouth of Twelve Mile Creek in the Town of Wilson, Niagara County, New York
- Authorization: River & Harbor Acts of 1945 and 1968
- Shallow draft recreational harbor
- Authorized depths are 8 feet in the entrance channel and 6 feet within the Tuscarora Bay
- The channel is approximately 4,900 feet long, 80 feet wide, and suitably widened at bends
- The harbor is protected by parallel East and West Piers with a total length of 1,331 feet
- Major stakeholders include Town of Wilson, charter fishing interests, private marinas and the recreational boating community

### Project Requirements

- The harbor typically requires dredging every three to five years. It was last dredged in 2000 when 5,100 cubic yards (CY) of material was removed
- Sandy supplemental funded dredging of approximately 11,000 CY of material from storm impacted harbor areas was completed in Summer 2014
- Additional material must be dredged to maintain the functional harbor areas
- Maintenance dredging is the primary critical requirement
  - Deteriorated sections of the West Pier require repairs to restore proper function of the structure.



### Consequences of Not Maintaining the Project

- Potential safety issues for recreational boating community
- Potential functional loss of Harbor of Refuge
- Negative economic impacts, locally and regionally

### Transportation Importance

- Harbor of Refuge
- Home to 476 slips, 2 boat launch lanes and 15 charter boats.
- Generates economic benefits totaling \$4,720,298 and supports 69 jobs.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016  
Wilson Harbor, New York - Project Requirements and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY14 Requirement</b>	<b>FY14 Appropriation</b>	<b>FY15 Requirement</b>	<b>FY15 Appropriation</b>	<b>FY16 Requirement</b>	<b>FY16 President's Budget</b>
Maintenance Dredging – Primary	300		785		725	
E&D, Constr West Pier Repair					300	
Sandy Supplemental Maintenance Dredging	280*	280*				
<b>TOTALS</b>	<b>580</b>	<b>280</b>	<b>785</b>	<b>0</b>	<b>1,025</b>	<b>0</b>

\*Funds allocated through Public Law 113-2 Disaster Relief Appropriations Act, 2013

**Congressional Interests**

- Representative Chris Collins R-NY-27
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



## FACT SHEET

February 2015

### WATER AND WASTEWATER IMPROVEMENTS - YATES COUNTY, NY

Section 219 of the 1992 Water Resources Development Act (WRDA), as Amended

WRDA 2007 Sec. 5158 (190)

Environmental Infrastructure Program

#### Location

- Various locations throughout Yates County, New York
- Yates County - Barrington Town, Benton Town, Italy Town, Jerusalem Town, Milo Town, Potter Town, and Starkey Town

#### Project Description

- Drinking water infrastructure improvements
- Naming- WRDA 2007 Sec. 5158 (190) - \$5,000,000 for drinking water infrastructure, Yates County, NY
- Design and/or Construction is cost-shared 75% Federal and 25% non-Federal

#### Importance

- Capital improvements will continue to serve the water needs of the County of Yates County in accordance with all US Environmental Protection Agency and OH Environmental Protection Agency issued permits

#### Consequences

- Continued use without upgrade or replacement will increase time and cost of facility maintenance and fiscal resources

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Design & Construction	\$5M	\$0	\$5M	\$0	\$5M	\$0

#### Project Sponsor/Customer

- Sponsor - To be Determined
- Customer - Yates County, NY

#### Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

#### Current Status

- Not funded, not initiated

#### Issues

- Project requires additional funding to move forward





**Town of Yorkshire, NY - Riverine Erosion  
Planning Assistance to States**

Section 22 of the Water Resources Development Act of 1974, as amended  
General Investigations

**Location**

- The town of Yorkshire is located 30 miles south of the city of Buffalo
- Cattaraugus Creek forms the natural boundary between Erie and Cattaraugus Counties

**Project Description**

- Study would be conducted to evaluate the erosion areas along Cattaraugus Creek
- The goal of the study would be to identify future erosive areas of Cattaraugus Creek to assist the town in formulating future planning and zoning codes
- Study is cost shared on a 50% Federal and 50% non-Federal basis

**Importance**

- Study request made in response to a home which was on the verge of collapsing into Cattaraugus Creek

**Consequences**

- Without this report, the town of Yorkshire will not be able to revise zoning and planning codes which could negatively impact future development

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Planning Assistance	\$100k	\$0	\$100k	\$0	\$100k	\$0

**Project Sponsor/Customer**

- Town of Yorkshire through a Letter of Request in 2007

**Congressional Interests**

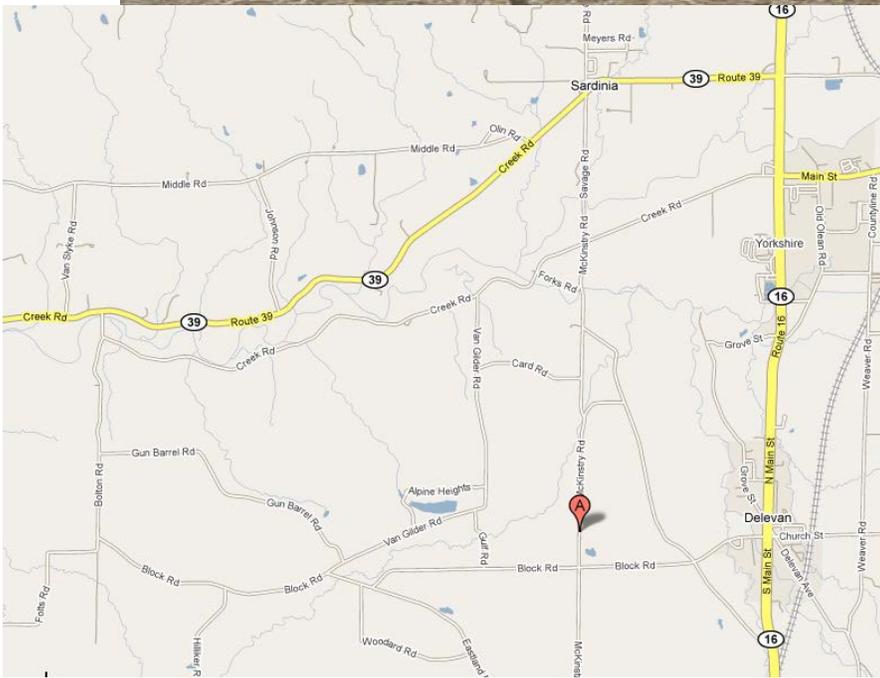
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

**Current Status**

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**Issues**

- Limited funding in this program has been inefficient to initiate new projects



**Project Manager:** Laura V. Ortiz (716) 879-4407, [laura.v.ortiz@usace.army.mil](mailto:laura.v.ortiz@usace.army.mil)



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Planning Assistance	\$100k	\$0	\$100k	\$0	\$100k	\$0

**Project Sponsor/Customer**

- Town of Yorkshire through a Letter of Request in 2007

**Congressional Interests**

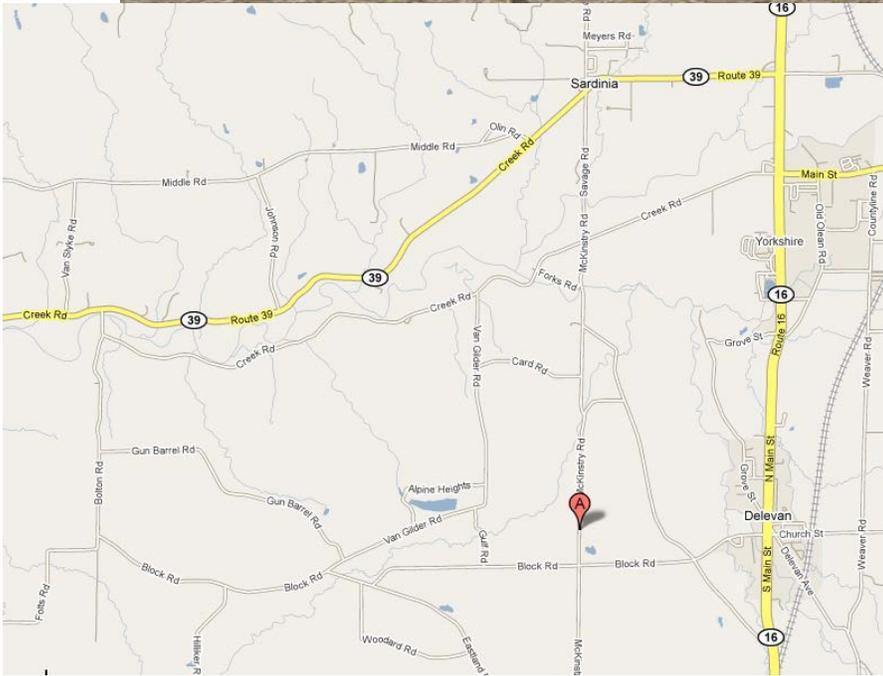
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