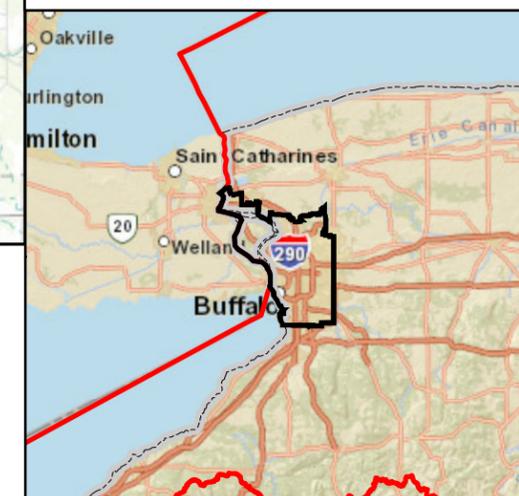


**US Army Corps
of Engineers®**
Buffalo District
BUILDING STRONG®



- 1, O&M, Black Rock Lock and Tonawanda Harbor
- 2, CG-CAP 103, Broderick Park
- 3, GLLA, Buffalo CDF 4
- 4, O&M, Buffalo Harbor
- 5, CG-CAP 204, Buffalo Regional Sediment Management
- 6, CG-CAP 14, Ellicott Creek

- 7, FUSRAP, Former Linde Site
- 8, CG-CAP 103, Lasalle Park
- 9, O&M, Little River Harbor
- 10, CG-CAP 1135, Scajaquada Creek
- 11, FUSRAP, Seaway Landfill Site
- 12, CG-CAP 1135, Smokes Creek

- 13, CG-CAP 206, South Park Lake
- 14, FUSRAP, Tonawanda Landfill Vicinity Property



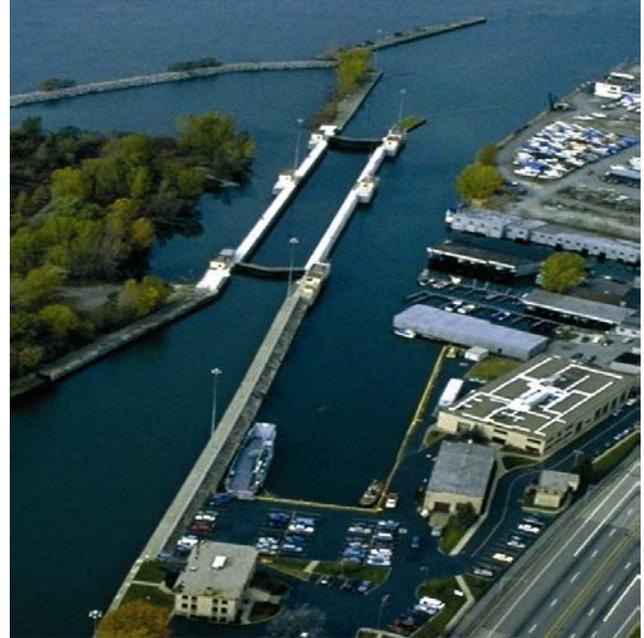
Black Rock Lock and Tonawanda Harbor, NY

Harbor Features

- Located on the Niagara River in the city of Buffalo, Erie County, New York
- Authorization: River & Harbor Acts of 1888, 1902, 1905, 1916, 1919, 1922, 1925, 1934, 1935, 1945 and 1954
- Deep draft commercial project
- The Black Rock Lock and Channel permit pleasure craft and commercial vessels to travel between Buffalo Harbor and Tonawanda Harbor
- The Black Rock Lock can accommodate pleasure craft and commercial vessels up to 625 feet long with drafts up to 21 feet
- Five year average (2008-2012) tonnage of 106k tons of material shipped and received
- The Bird Island Pier is approximately 2 miles long and forms the west side of the Black Rock Channel
- The Black Rock Channel is a 3.5 mile Federal channel connecting Buffalo Harbor and Black Rock Lock
- The Major stakeholders include U.S. Coast Guard, Marathon Ashland Petroleum, NOCO Energy Corp., United Refining Co., and NRG Huntley Power Plant

Project Requirements

- In addition to routine operation and maintenance (O&M), critical requirements include the following: replacement of pintels, repair of lower west guide wall, and chamber resurfacing
- Maintenance dredging is conducted on an infrequent, as-needed basis. The Black Rock Channel was last dredged in 2009 when approximately 115,000 cubic yards (CY) of material was removed. GLRI funded strategic navigation dredging is scheduled for 2015



- A major rehabilitation of the Bird Island Pier was completed by the Buffalo District Floating Plant in 2013. Additional repairs are required to repair areas not addressed in 2013.

Consequences of Not Maintaining the Project

- Failure to adequately fund routine O&M could result in total or temporary closure of the lock
- Elimination of the US connection to the Intercoastal Waterway from Lake Erie
- Inability for commercial and recreational vessels to reach destinations on the Upper Niagara River
- Failure to complete non-routine maintenance of aging components, will result in continued degradation and eventual failure of the components, and increased future maintenance costs

Transportation Importance

- Asphalt is the primary commodity shipped or received through the lock
- With 1,591 lockages in 2013, the lock provided safe passage for 2,128 vessels (386 commercial and 1,742 recreational)

➤ The lock provides the only means for deep draft commercial vessels to reach delivery ports on the upper Niagara River; including fuel storage facilities and refinery

**U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016
Black Rock Lock and Tonawanda Harbor, New York
Project Requirements and President’s Budget (\$1,000)**

Work Package	FY14 Requirement	FY14 Appropriation	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 President’s Budget
Operation of Lock	1,765	1,747	1,556	1,556	1,125	1,125
Operational Routine Maintenance of Lock					605	605
E & D, Construction, Removal of Middle Gate	1,100	1,100				
E & D, Motor Control Center					50	
E & D, Bird Island Pier Reconstruction	300		300			
E&D Chamber Resurfacing	200		200		200	
Facility Security	100				55	
Replacement of Pintels					775	
Strategic Sustainability Performance Plan	150					
Structure Repair – Bird Island Pier (F/P)	625					
E & D, Lower W. Guide Wall Repair	250				300	
Periodic Inspection and Assessment			125	125		
Other Business Lines:						
Environmental Stewardship	5	5	5	5	5	5
TOTALS	4,495	2,852	2,186	1,686	3,115	1,735

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



US Army Corps
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Buffalo District

FACT SHEET

February 2015

BRODERICK PARK, BUFFALO - NY

Hurricane and Storm Damage Reduction

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

Location

- Within the city of Buffalo, Erie County, NY along the Niagara River at the Foot of West Ferry Street

Project Description

- The purpose of the Broderick Park, Buffalo, Erie County, NY project is to provide shoreline protection to approximately 4,500 feet of shoreline between the Niagara River and the Erie Canal that has been deteriorating due to continued wave action from the Niagara River. Broderick Park is a multiple use recreation area that provides access to Bird Island (Nowak) Pier and is home to the city wastewater treatment plant
- First \$100k is at 100% Federal expense to determine if federal interest exists
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal

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

Importance

- Broderick Park includes a portion of the city's wastewater treatment plant which treats and safely discharges city sewage. Protection will ensure the continued operation of the wastewater treatment plant, its ability to maintain uninterrupted service and safe and sanitary conditions for residents and the environment

Consequence

- If the current shoreline protection fails, the operation of the wastewater treatment plant would be jeopardized and public access to the park and the pier may be curtailed

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	TBD	\$50k	\$20k	\$20k	\$50k	\$0

(1) First \$100k is at 100% Federal expense. Design & Implementation costs have not been estimated and will be highly dependent on the actual plan identified for implementation.

Current Status

- The Determination of Federal Interest was approved by LRD on 01 Oct 2014. Currently negotiating the Feasibility Cost Share Agreement (FCSA) with the non-Federal sponsor.

Project Sponsor/Customer

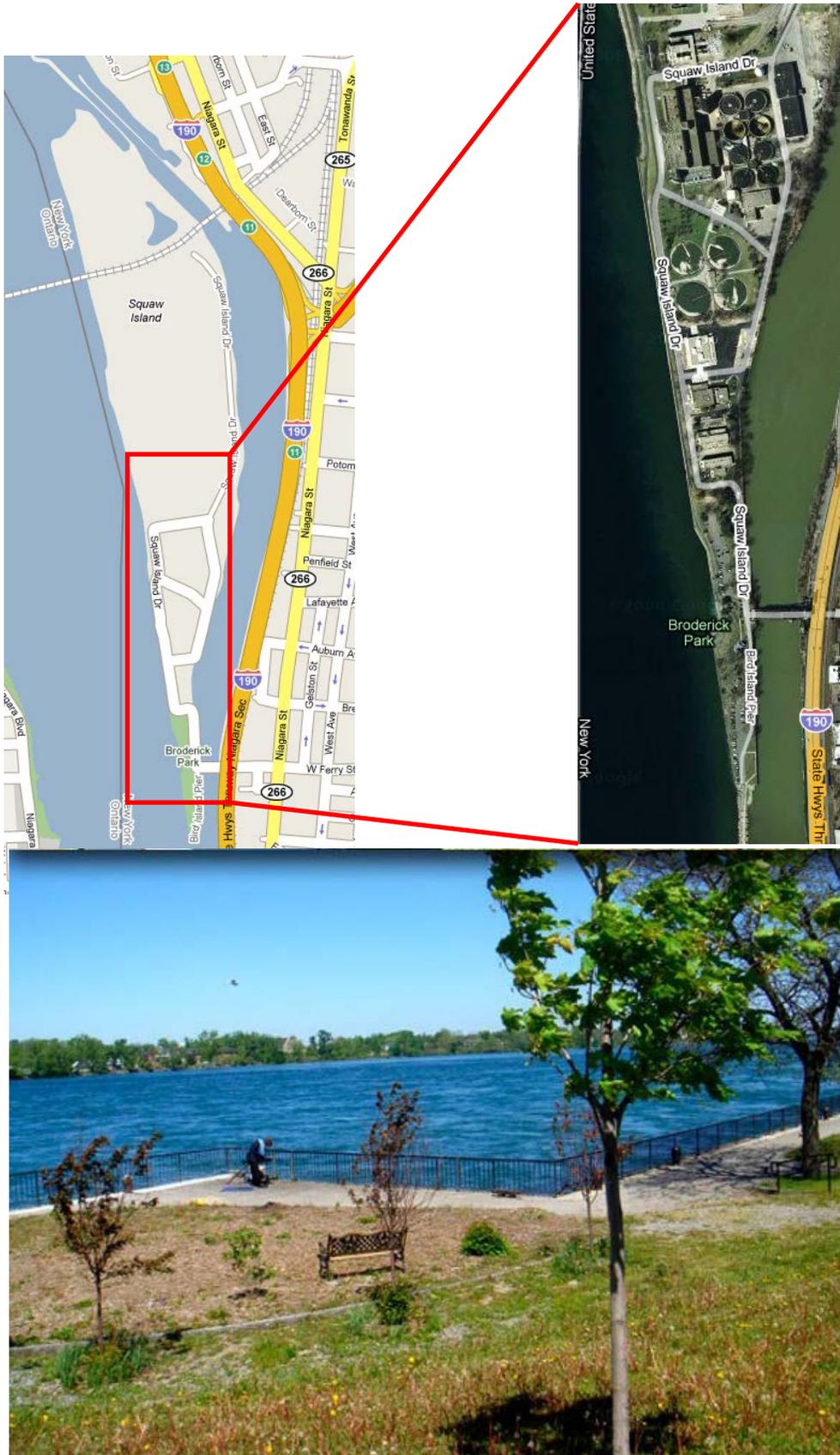
- The city of Buffalo has shown interest in serving as the non-Federal sponsor by letter dated June 2014

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Issues

- None



Project Manager: Mike Draganac (716) 879-4370, Michael.G.Draganac@usace.army.mil



US Army Corps
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Buffalo District

FACT SHEET

February 2015

BRODERICK PARK, BUFFALO - NY

Hurricane and Storm Damage Reduction

Section 103 of the 1962 Rivers and Harbors Act, as amended
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- Feasibility phase is cost-shared 50% Federal and 50% non-Federal

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

Importance

- Broderick Park includes a portion of the city's wastewater treatment plant which treats and safely discharges city sewage. Protection will ensure the continued operation of the wastewater treatment plant, its ability to maintain uninterrupted service and safe and sanitary conditions for residents and the environment

Consequence

- If the current shoreline protection fails, the operation of the wastewater treatment plant would be jeopardized and public access to the park and the pier may be curtailed

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	TBD	\$50k	\$20k	\$20k	\$50k	\$0

(1) First \$100k is at 100% Federal expense. Design & Implementation costs have not been estimated and will be highly dependent on the actual plan identified for implementation.

Current Status

- The Determination of Federal Interest was approved by LRD on 01 Oct 2014. Currently negotiating the Feasibility Cost Share Agreement (FCSA) with the non-Federal sponsor.

Project Sponsor/Customer

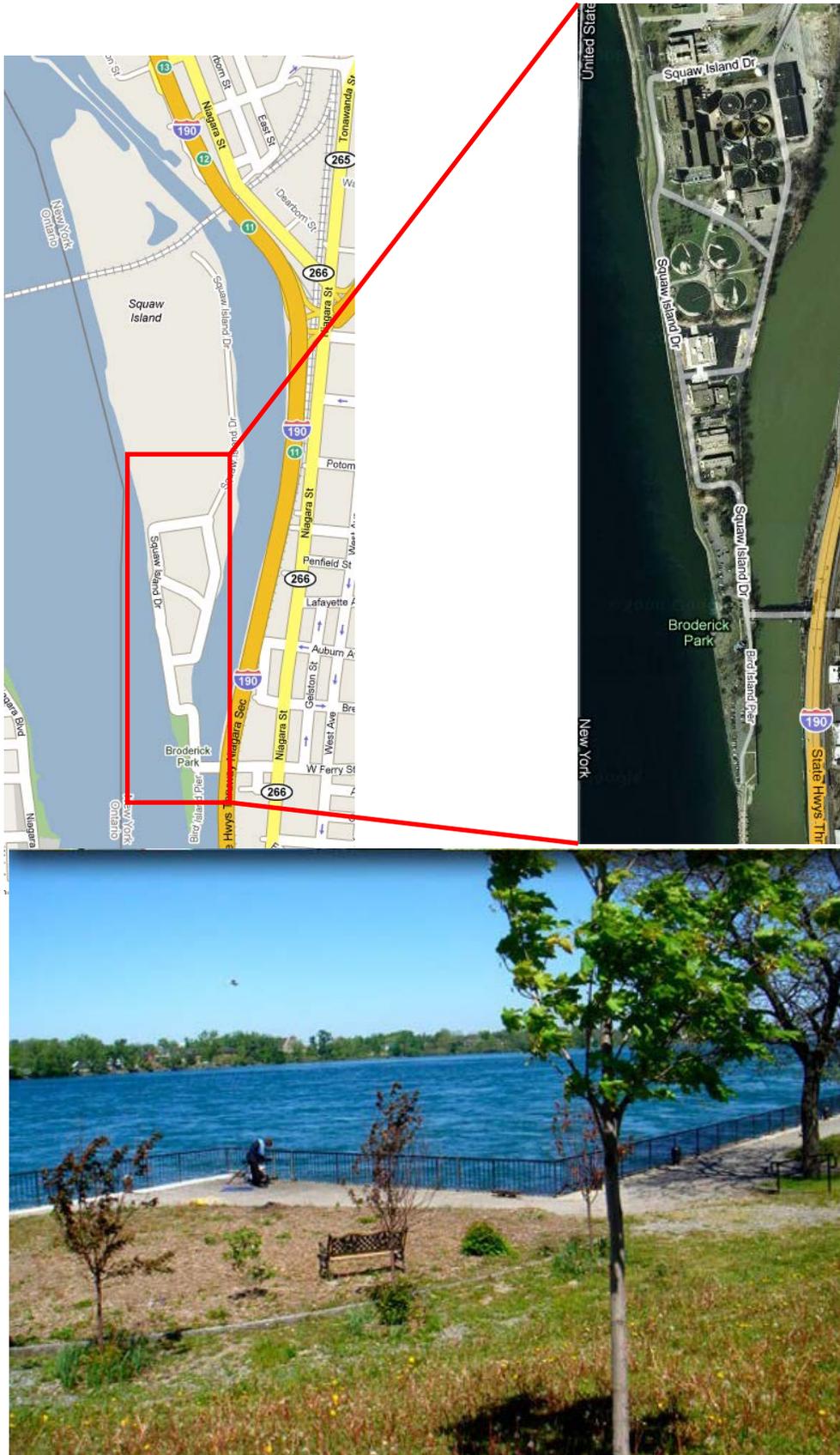
- The city of Buffalo has shown interest in serving as the non-Federal sponsor by letter dated June 2014

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Issues

- None



Project Manager: Mike Draganac (716) 879-4370, Michael.G.Draganac@usace.army.mil



Broderick Park, Great Lakes Remedial Action Plans Program, NY
Section 401 of the Water Resources Development Act (WRDA) of 1990, as amended
General Investigations

Location

- Broderick Park is located between Black Rock Channel and the Niagara River in the City of Buffalo

Project Description

- Broderick Park is located in the Niagara River Area of Concern
- Technical Assistance was provided through the Great Lakes Remedial Action Plans (RAP) Program, in support of the Niagara River RAP
- This project was multipurpose: design for habitat restoration and seawall repair
- Restoration focused on features to allow passage of Emerald Shiners to Lake Erie

Importance

- Emerald Shiners play an important role in the Lake Erie food-web
- Broderick Park, a significant cultural resource, is compromised by the seawall deterioration
- Implementation of a Master Plan for redesign and rehab of Broderick Park by project partners began in 2013

Consequences

- Without further action, Emerald Shiner passage will remain obstructed and park revitalization will remain constrained by the deteriorated seawall

Project Phase	Est. Fed. Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Detailed Design	\$130k	\$130k	\$0	\$0	\$0	\$0

Project Sponsor/Customer

- Buffalo Niagara Riverkeeper in close partnership with City of Buffalo, NYS Department of Environmental Conservation and NYS Department of State

Congressional Interests

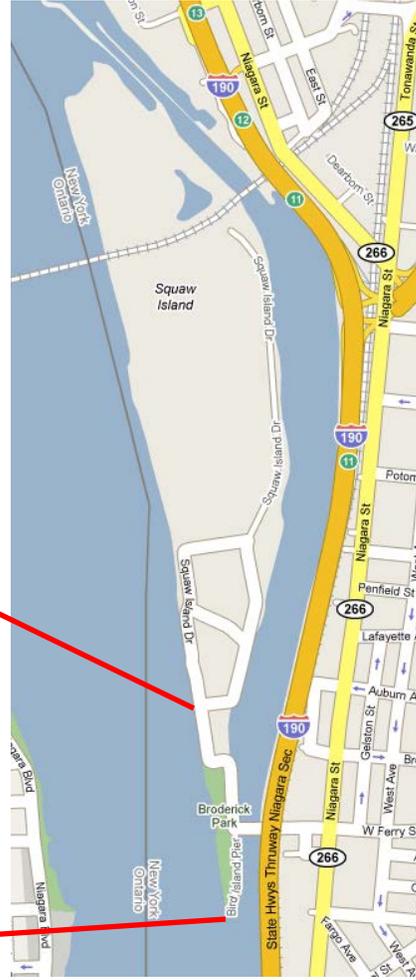
- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- Design and other technical products were provided to the sponsor in October 2013
- An agreement for technical assistance focused solely on Shiner passage has been executed with Buffalo State College
- Coordination with project partners concerning seawall repair continues

Issues

- Further engineering evaluation and design is required prior to construction
- No further design assistance for seawall repair can be provided under this authority



Project Manager: Bryan A. Hinterberger (716) 879-4409, bryan.a.hinterberger@usace.army.mil



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FACT SHEET

February 2015

BUFFALO CREEK, LEXINGTON GREEN, WEST SENECA, NY**Small Flood Control Projects**

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

Location

- In West Seneca, Erie County, New York immediately east of the city of Buffalo

Project Description

- The Section 205 Authority provides for local protection from flooding by the construction or improvement of flood control works such as levees, channels, and dams
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal
- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

Importance

- Flooding has periodically plagued the Lexington Green residential neighborhood in West Seneca, NY
- An ice jam flood event in January 2014 precipitated assistance from the Corps

Consequences

- If a project is not pursued, and measures implemented, the town of West Seneca may continue to be impacted by flood events along the Buffalo River

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

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

Project Sponsor/Customer

- Town of West Seneca, NY
- NYSDEC, under NYS law, the NYSDEC must be the signatory on Section 205 projects

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- A letter dated February 20, 2014 was sent to the Buffalo District requesting assistance under the Section 205 authority

Issues

- Until funding is received, a study cannot be initiated



Lexington Green, West Seneca, NY –
Source: Google maps



Photos from West Seneca, NY – Lexington Green,

Photos from West Seneca, NY – Lexington Green,

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



Buffalo Harbor, NY

Harbor Features

- Located on Lake Erie in the city of Buffalo, Erie County, New York
- Authorization: River & Harbor Acts of 1826, 1866, 1874, 1896, 1899, 1900, 1902, 1907, 1909, 1910, 1912, 1919, 1927, 1930, 1935, 1945, 1960, 1962 and Water Resources Development Acts (WRDA) of 1986, 1988 and 2007
- Deep draft commercial harbor
- Authorized depths are 23-30 feet in the outer harbor and 22 feet in the river
- Five year average (2008-2012) tonnage of 1.18M tons of material shipped and received
- Ranked 23rd among the Great Lakes Harbors based on five year average (2008-2012) tonnage
- 141st leading U.S. port in 2012
- Interconnected with 9 commercial ports: ships to 1 port, and receives from 8 ports
- Over 4.5 miles of breakwater structures
- 5.5 miles of Federal channel on the Buffalo River
- A confined disposal facility (CDF) is located adjacent to the south entrance channel
- Major stakeholders include the Port of Buffalo, U.S. Coast Guard, General Mills, Exxon-Mobil, Lafarge Cement and Founders Supplies, Incorporated

Project Requirements

- Approximately 140,000 cubic yards (CY) of material must be dredged every 2 years. The harbor was last dredged in 2011-2012 when approximately 556,000 CY of material was removed. This project included the Great Lakes Restoration Initiative (GLRI) funded removal of 452,000 CY of backlog dredged material from the Federal channel. Maintenance dredging is scheduled to be completed in 2015



- Great Lakes Legacy Act (GLLA) environmental dredging of approximately 462,000 cubic yards outside the Federal Channel is scheduled to be completed in December 2014. A goal of the project is for future year Buffalo River dredging to be suitable for placement in the open lake, resulting in reduced O&M costs for the Buffalo Harbor in addition to significant environmental benefits
- Initiation of a Dredged Material Management Plan (DMMP) is required to determine future sediment placement needs given the recent GLRI and GLLA projects.
- Deteriorated sections of the South Breakwater and CDF #4 require repairs to restore proper function of the structures

Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor and generate \$50M annually in direct revenue while supporting 410 direct, indirect, and induced jobs that produce over \$36M per year in personal income

Consequences of Not Maintaining the Project

- If the harbor was closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by over 32,358 tons of harmful particulate matter (PM-10) and increase costs by \$490,000 due to increased railroad related accidents, and \$3,695,000 due to increased trucking related accidents

- Light loading; losses of between 1 and 2 feet of channel depth would result in increased transportation costs of between \$140,000 and \$460,000 annually

Transportation Importance

- Major receiving and shipping port on the Great Lakes; and Critical Harbor of Refuge.
- Commodities shipped or received include aggregates, limestone, salt, grain, cement, and ores and minerals

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

Work Package	GLRI Funds	FY14 Requirement	FY14 Appropriation	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 President's Budget
Maintenance Dredging	5,270	1,420	1,406				
Interim Repair CDF #4	3,435	250	250	250	250		
DMMP						500	
E&D South Breakwater Repair (1,800 LF)		300				320	320
Critical Maintenance of Coastal Navigation Structures & Obstruction Removal – CDF #4				1,040	1,040		
Sediment Sampling and Analysis				160			
TOTALS	8,705	1,970	1,656	1,450	1,290	820	320

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY



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

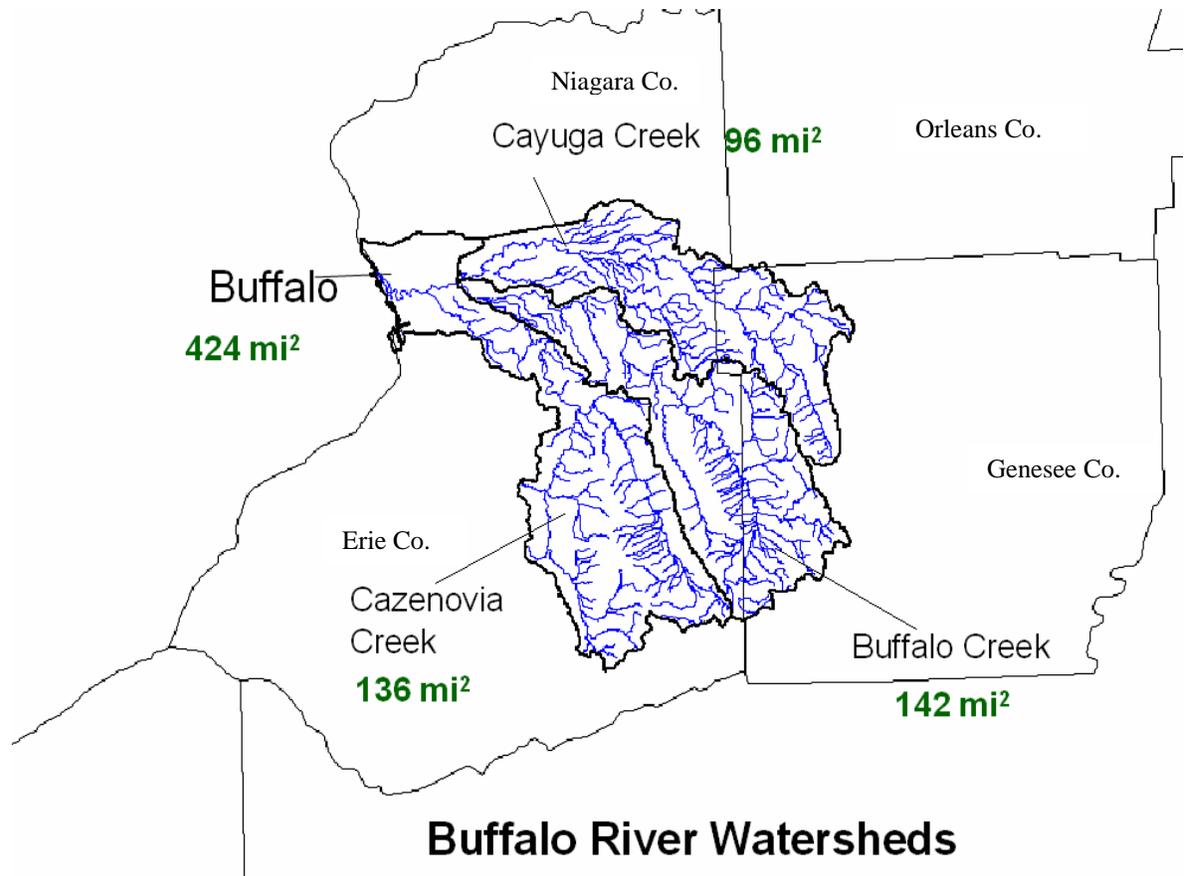
- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

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



US Army Corps
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Buffalo District

FACT SHEET

February 2015

ELLICOTT CREEK, LEHN SPRINGS, WILLIAMSVILLE - NY

Small Flood Control Projects

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

Location

- Williamsville, NY, located northeast of Buffalo

Project Description

- Erosion and flooding problems begin at the Lehn Springs Area and extend through Island Park, including Spillway Dam and the Flood Gate structure ending at the village border in Glen Park
- The Section 205 Authority provides for local protection from flooding by the construction or improvement of flood control works such as levees, channels, and dams
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal

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

Importance

- Route 5 is a major route in Williamsville, NY
- The project area contains many residential properties and is in the heart of the village's business district

Consequence

- Continued erosion and flooding will continue to occur if a project is not pursued, and potential financial damages could occur as a result

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

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

Project Sponsor/Customer

- The Village of Williamsville by letter of request dated November 20, 2008

Congressional Interests

- Representative Brian Higgins D-NY-26
- 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



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

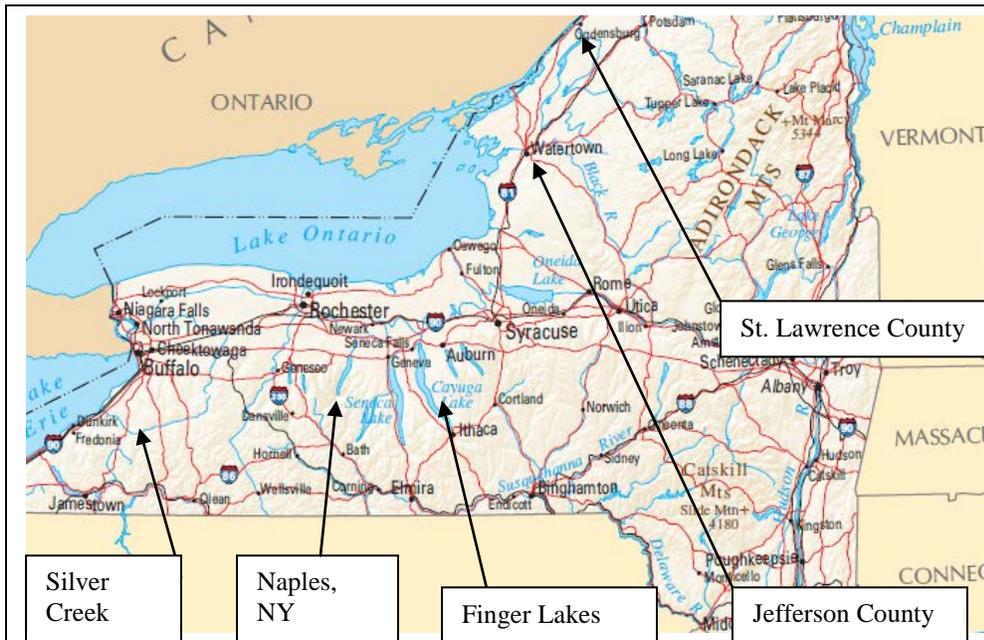
- Representative Elsie Stefanik R-NY-21
- Representative Richard Hanna R-NY-22
- Representative Tom Reed R-NY-23
- Representative John Katko R-NY-24
- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

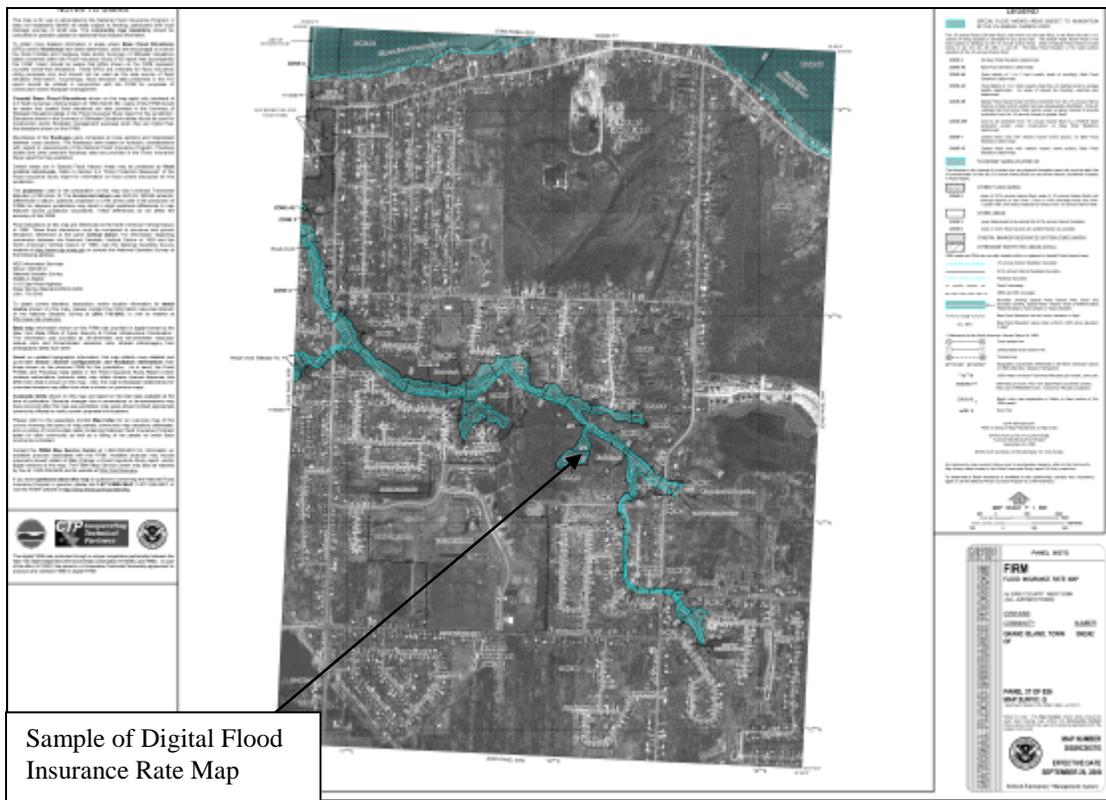
- Limited funding was provided to initiate the studies. Progress will be made based on the availability of funding

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



FACT SHEET

February 2015

FORMER LINDE SITE - TOWN OF TONAWANDA, NY

Formerly Utilized Sites Remedial Action Program (FUSRAP)

Location

- The project area is located in the Town of Tonawanda, NY, nine miles north of downtown Buffalo

Site History and Project Description

- The former Linde Site consists of 105 acres in the Town of Tonawanda, NY
- The site is bounded on the north and south by industrial properties and small businesses, on the west by an elementary school, a residential neighborhood and a town park, and on the east by railroad tracks, utility easements, and commercial properties.
- During the 1940s, the Linde Division of Union Carbide used portions of the property to process uranium ores under Manhattan Engineer District contracts
- Praxair Inc. is the property owner and employs over 1,200 people at the site, which is operated as their worldwide technology center, performing research for their industrial gas business
- The Corps of Engineers is concluding a CERCLA Remedial Action of soils at the

Linde Site that were contaminated with radionuclides

Importance

- The site has undergone remedial action and does not pose a threat to human health since the elevated levels of radionuclides that exceed Federal criteria and laws are removed
- Principle radionuclides of concern were radium, thorium, and uranium
- By implementing the response action selected in the Record of Decision signed in March 2000, the site is no longer a threat to human health and the environment

Consequences

- Potential for long term adverse human health effects from exposure to FUSRAP materials at the site has been mitigated
- Praxair operations are no longer limited by Corps remediation activities on site

Project Phase	Estimated Federal Cost	Funding through FY14	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 Budget
Remediation	\$300.6M	\$300.0M	\$250k	\$250k	\$250k	\$250k

Project Sponsor/Customer:

- The project sponsor is the US Congress. Customers include property owners (Praxair Inc), affected communities and elected leaders, and local, state, and Federal environmental and health agencies

- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Congressional Interests:

- Representative Brian Higgins D-NY-26

Current Status:

- Remediation was completed in September 2013. The Corps remediated the site by

removing contaminated soils and infrastructure.

- **Building 30 Removal Action (Complete)** - An interim removal action to remove Building 30 was initiated in 1998 and completed in 1999. The project resulted in 4,200 tons of debris material being shipped to legally permitted disposal facilities outside of New York
- **Building 14 Operable Unit (Complete)** This unit was completed in 1999 and resulted in the out of state disposal of over 4,200 tons of contaminated debris
- **Groundwater Operable Unit (Complete)** The Corps completed a Record of Decision which concluded that radiological contaminants in the groundwater pose no current or future threat to human health or the

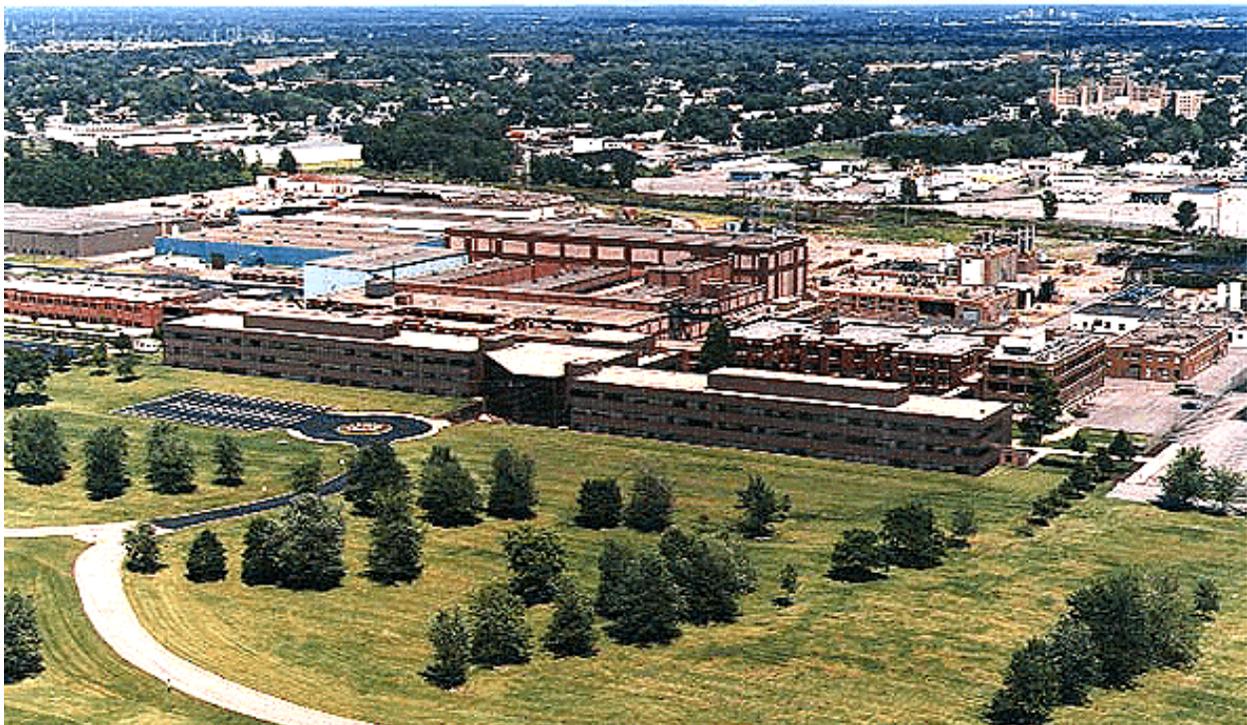
environment and therefore no further action is required

- **Contaminated Soils Operable Unit (Complete)** The Corps excavated and shipped over 178,247 cubic yards of contaminated soils to out of state disposal facilities
- Remediation excavation was completed on 21 November 2012.
- Remediation was completed in FY13.
- Project closeout documentation initiated in FY13 and will be completed in FY15.

Issues:

- None

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





FACT SHEET

February 2015

Gallagher Beach, Buffalo, NY

Section 4060 of WRDA of 2007
General Investigations

Location

- The study area is located along Lake Erie immediately south of downtown Buffalo, Erie County, NY

Project Description

- A Reconnaissance Study would be conducted to determine if a Federal interest exists in improvements to Gallagher Beach for the purposes of storm damage reduction and shoreline protection
- Gallagher Beach is located on Niagara Frontier Transportation Authority (NFTA) property along the Buffalo, New York waterfront. The 1/4 mile long area currently consists of rocks, cinders and debris and is heavily used by windsurfers and personal watercraft users to launch their boats. Local

interests desire improvements to the beach including sand replenishment

Importance

- The Reconnaissance Study would determine if there is any Federal (USACE) interest in construction of improvements to Gallagher Beach. The Reconnaissance Study would also determine if there is non-Federal interest in cost-sharing a Feasibility Study

Consequences

- Without funding, issues associated with shoreline erosion along Gallagher Beach would not be evaluated

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

Initial Reconnaissance Study efforts conducted at 100% Federal expense

Project Sponsor/Customer

- The city of Buffalo or Erie County, NY is the likely cost share sponsor

Congressional Interests

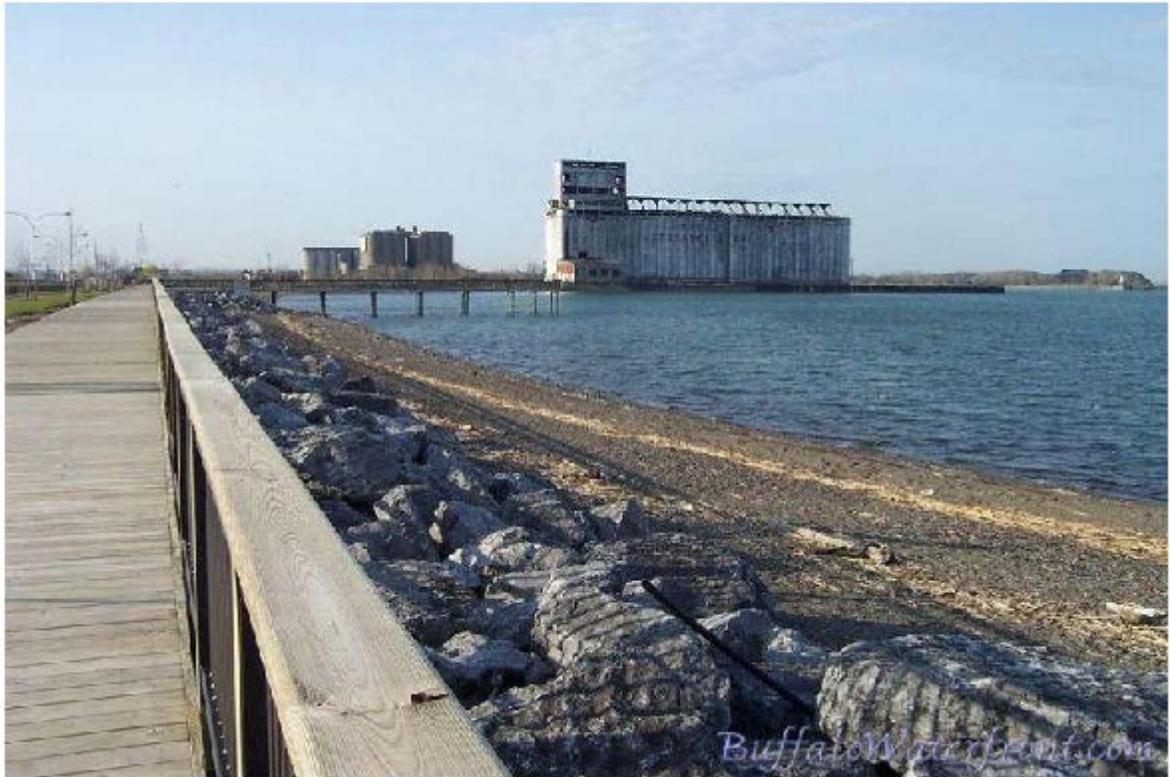
- Representative Brian Higgins D-NY-26
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

Current Status

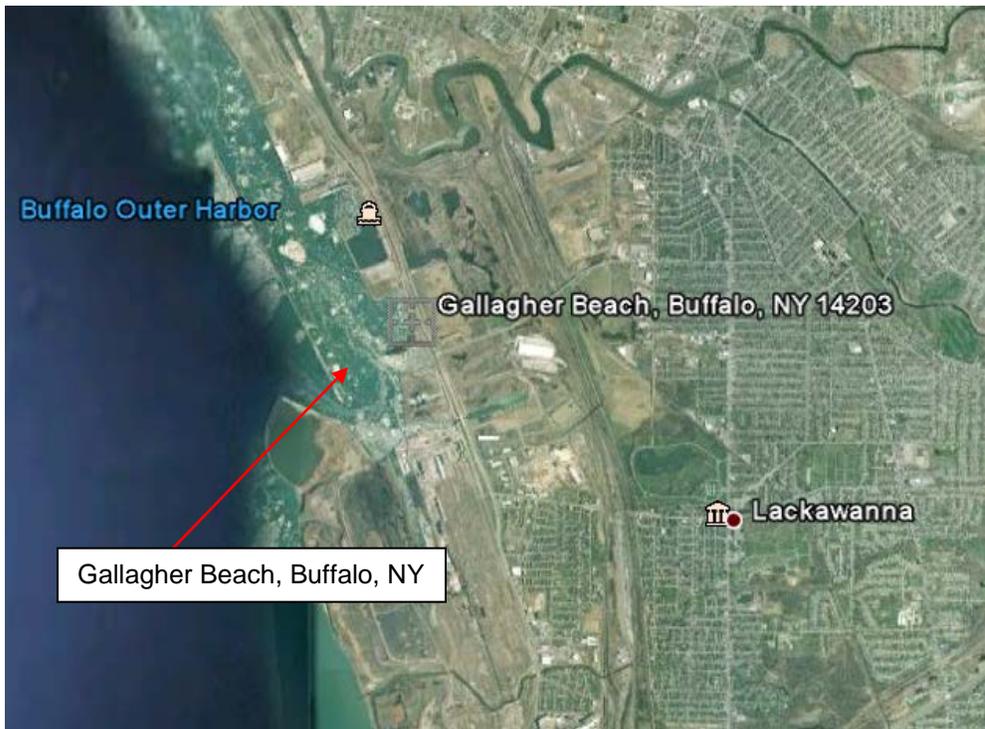
- Study is unstarted and will be initiated upon receipt of funds

Issues

- No funding has been appropriated to this project



Gallagher Beach, Buffalo, New York



Aerial View of Gallagher Beach, Buffalo, NY

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



**Hoyt Lake Restoration, Niagara AOC, NY
Great Lake RAP Support**

Section 401(a) of the Water Resources Development Act (WRDA) of 1990, as amended
(Public Law 101-640)
General Investigations

Location

- The project is located along Scajaquada Creek in Delaware Park, Buffalo NY. The Scajaquada Creek watershed is a tributary to the Niagara River Area of Concern (AOC)

Project Description

- Provide technical assistance for restoring the ecologic and historic integrity of Hoyt Lake and Scajaquada Creek in Delaware Park, Buffalo, NY
- Activities include sediment characterization, remediation planning, and planning and design for habitat restoration
- The Corps is providing technical support to the non-Federal sponsor for this project

Consequences

- The ecologic character of Hoyt Lake and Scajaquada Creek has been degraded by several past hydrologic alterations
- Hoyt Lake is prone to fish kills due to low dissolved oxygen as well as poor water quality conditions
- The condition of sediments within Hoyt Lake and Scajaquada Creek in Delaware Park are uncertain but may contribute to the lakes poor condition
- Several cases of botulism have been observed at Hoyt Lake and Scajaquada Creek in the vicinity of Delaware Park
- Without the project, these problems will persist indefinitely

Project Sponsor/Customer

- City of Buffalo

- Entered into Cost Sharing Agreement 4 Nov 2011
- Buffalo Olmsted Parks Conservancy (partner)

Current Status

- Cost Share Agreement Signed (Completed)
- First Amendment to Cost Share Agreement (Completed)
- Environmental Characterization and Analysis (Ongoing)
- Recommendation has been made that restoration should first focus on removal of sediment (dredging and placement)
- Negotiating Cost Share Agreement to expand scope to include a feasibility study and detailed design

Congressional Interests

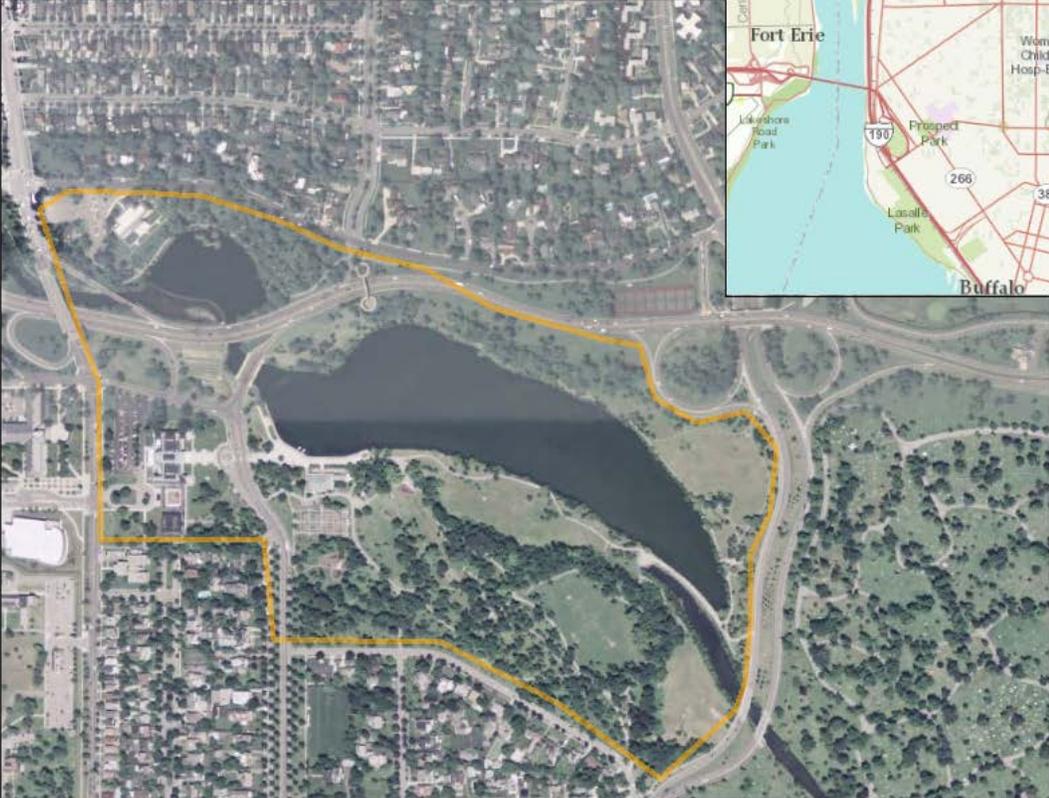
- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Issues

- None

Project Phase	Est. Federal Cost of Phase	Federal Funding Thru FY14	FY15 Requirement*	FY15 Budget	FY16 Requirement	FY16 Budget
Reconnaissance	\$400k	\$65k	\$60k	\$60k	\$150k	\$0

*Funding provided through GLRI



Project Manager: Bryan A. Hinterberger (716) 879-4345, bryan.a.hinterberger@usace.army.mil



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FACT SHEET

February 2015

LASALLE PARK, BUFFALO - NY Hurricane and Storm Damage Reduction

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

Location

- Within the city of Buffalo, Erie County, NY along the Niagara River

Project Description

- The purpose of the LaSalle Park, Buffalo, Erie County, NY project is to evaluate the feasibility of providing storm damage reduction measures and protection to approximately 4,800 feet of shoreline along Lake Erie and the Niagara River that has been deteriorating due to the continued wave action from the lake
- The product for this study is a Detailed Project Report (DPR), which will address current conditions and review recommendations for potential new solutions
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal
- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

Importance

- LaSalle Park houses the Colonel F.G. Ward Pumping Station, a historic landmark, and water filtration plant which supplies water to the residents of the city of Buffalo
- The concrete seawall, stone filled timber crib, and timber pile foundation fronting the pump station and park has deteriorated significantly over the past 50 years requiring measures to protect the city's water supply, pumping station and filtration plant, park, and access road

Consequence

- If the current shoreline protection fails, the operation of the pumping station and filtration plant would be jeopardized and public access to the park may be curtailed

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility ¹	\$600k	\$350k	\$0k	\$0k	\$0	\$0
Design & Implementation	\$2.224M	\$0	\$0	\$0	\$1.733M	\$0

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

Project Sponsor/Customer

- City of Buffalo

Congressional Interests

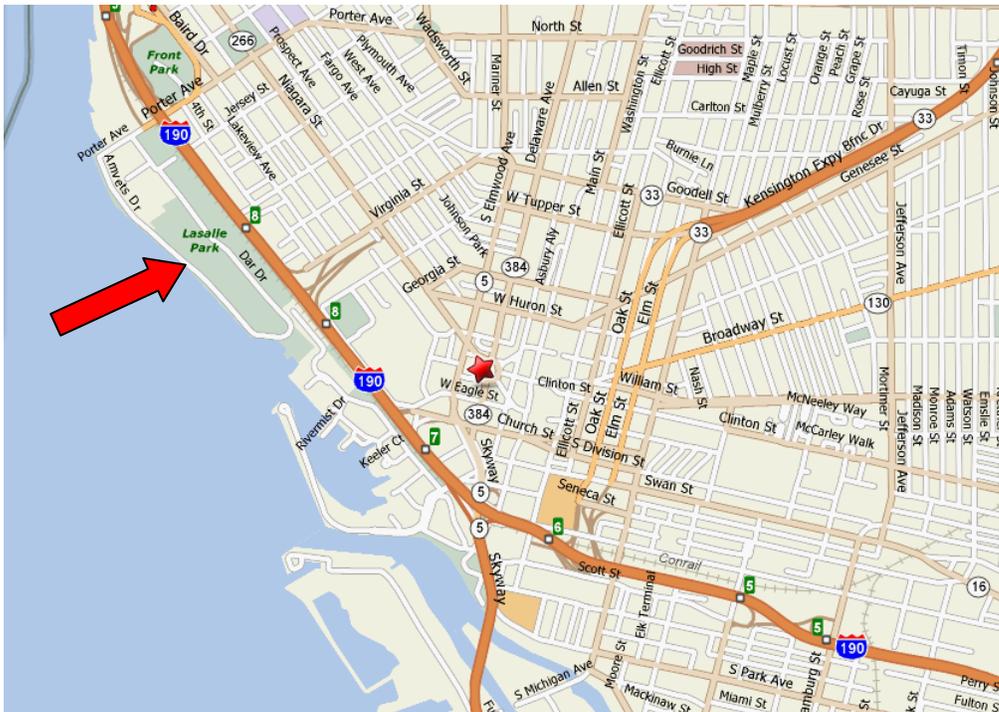
- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- The Draft Detailed Project Report (DPR) and Environmental Assessment were approved by LRD on 7 March 2014.
- Currently the Project Partnership agreement (PPA) submittal package is under LRD review.

Issues

- None



Project Manager: Michael Draganac (716) 879-4370, Michael.G.Draganac@usace.army.mil



Little River Harbor, NY

Harbor Features

- Located along the Niagara River in the City of Niagara Falls, Niagara County, New York
- Authorization: River & Harbor Act of 1954
- Shallow draft recreational harbor
- Project consists of an entrance channel approximately 1,200 feet long and 50 to 200 feet wide
- Authorized depth is 8 feet in the entrance channel
- Major stakeholders consist mainly of the recreational boating community

Project Requirements

- The harbor requires dredging on an infrequent basis. On average, approximately 10,000 cubic yards (CY) of sediment is dredged per event. The harbor was last dredged in 1988
- The channel currently requires maintenance dredging.



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
- Negative economic impacts, locally and regionally

Transportation Importance

- Provides safe access between Little River and Niagara River

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

Work Package	FY14 Requirement	FY14 Appropriation	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 President's Budget
Maintenance Dredging	750				700	
TOTALS	750	0	0	0	700	0

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY



FACT SHEET
Niagara River, NY - Ecosystem Restoration
No Current Authority
General Investigations

February 2015

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



FACT SHEET

February 2015

WASTEWATER TREATMENT FACILITY - NIAGARA FALLS, NY

Section 219 of the 1992 Water Resources Development Act (WRDA), as Amended
WRDA 2007 Sec. 5158 (185)

Environmental Infrastructure Program

Location

- Niagara Falls Water Board, 1200 Buffalo Avenue, Niagara Falls, NY

Project Description

- Improvements to the current wastewater system would include upgrade of the carbon system valving, upgrade of the main and intermediate pump controls, upgrade of the carbon filter gravel underdrain, upgrade/repairs to the primary basin traveling bridge, scum collection system, carbon transport system, concrete backwash wetwell, and sludge thickener system
- Authorization - WRDA 2007 Sec. 5158 (185) - \$5,000,000 for wastewater infrastructure, Niagara Falls Water Board, NY
- Design and/or Construction are cost-shared 75% Federal and 25% non-Federal

Importance

- These capital improvements will allow the 48 million gallon daily wastewater treatment plan to continue to serve the wastewater needs of the City of Niagara Falls and the Town of Niagara in accordance with all US Environmental Protection Agency and NYS Department of Environmental Conservation issued permits

Consequences

- These systems and individual components have reached their 30 year useful life. System failure will occur without upgrade or replacement
- The risk of untreated wastewater being discharged increases without improvements to the existing system

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 - Niagara Falls Water Board

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- Not funded, not initiated

Issues

- Project requires additional funding to move forward



Shows magnitude of corrosive damages within treatment facility



Replacement work completed on right side of transport system

Project Manager: Ron Kozlowski (716)879-4348, Ronald.J.Kozlowski@usace.army.mil



**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

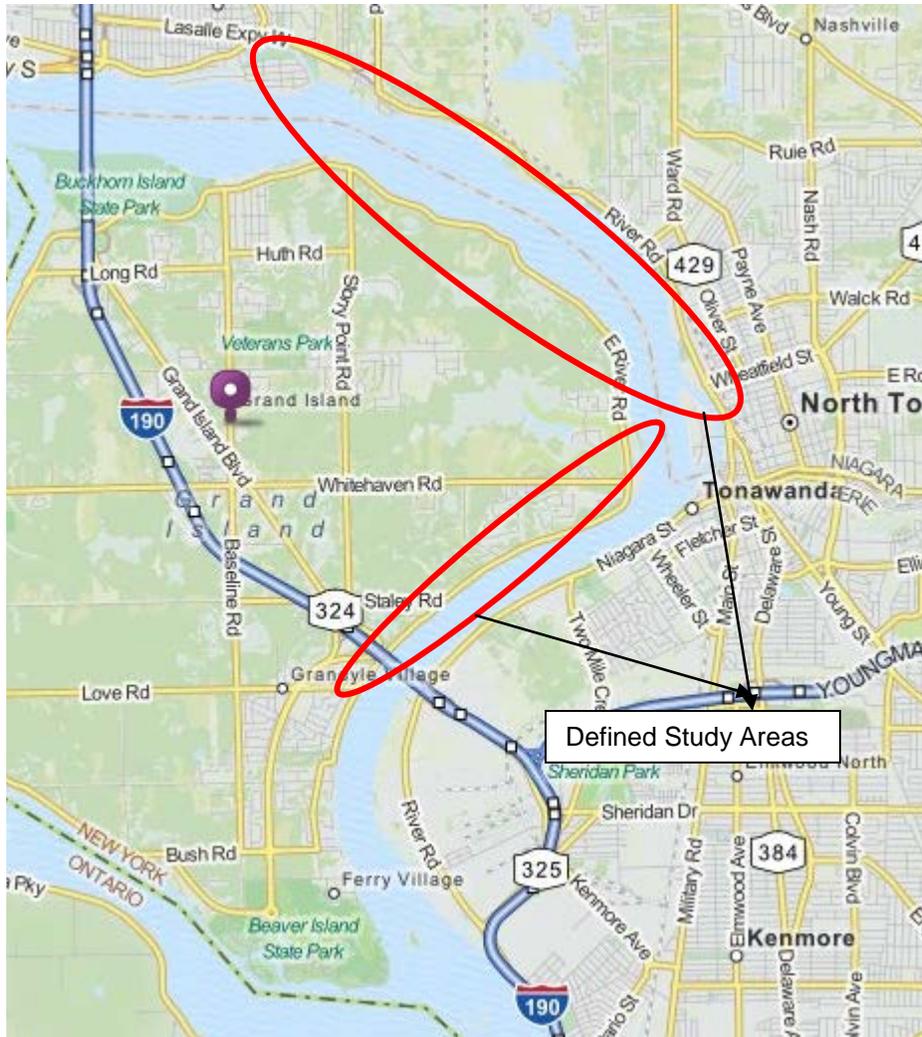
- Representative Brian Higgins D-NY-26
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

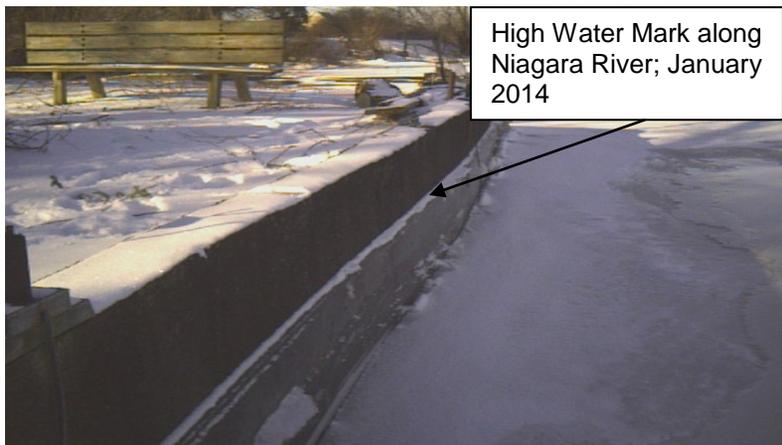
- The report which incorporated NYPA's comments was submitted to the NYPA in July 2014
- Additional analyses were requested by NYPA and this is currently being prepared

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



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FACT SHEET

February 2015

SCAJAQUADA CREEK, BUFFALO, NY

Project Modifications for Improvement of the Environment

Section 1135 of the Water Resources Development Act of 1986, as amended
Construction General (Continuing Authorities Program)

Location

- Scajaquada Creek is located in the geographic boundaries of the City of Buffalo, NY. The creek is a tributary to the Niagara River

Project Description

- Scajaquada Creek is located in a heavily developed area and has been highly manipulated. If implemented, creek habitat could be significantly restored with increased native populations and improvements in water quality
- Feasibility phase is cost-shared 50% Federal and 50% non-Federal

- Design and Implementation is cost-shared 75% Federal and 25% non-Federal

Importance

- The water quality, hydrologic regime, wildlife habitat, and overall stream health has been degraded and could benefit from restoration measures

Consequence

- Highly degraded tributary to the Great Lakes will not be restored and benefits to water quality and habitat will not be realized

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

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

*\$50k funded through Great Lakes Restoration Initiative (GLRI) Program

Project Sponsor/Customer

- Buffalo-Niagara Riverkeeper submitted a letter of request in December 2007 and another letter in January 2012

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

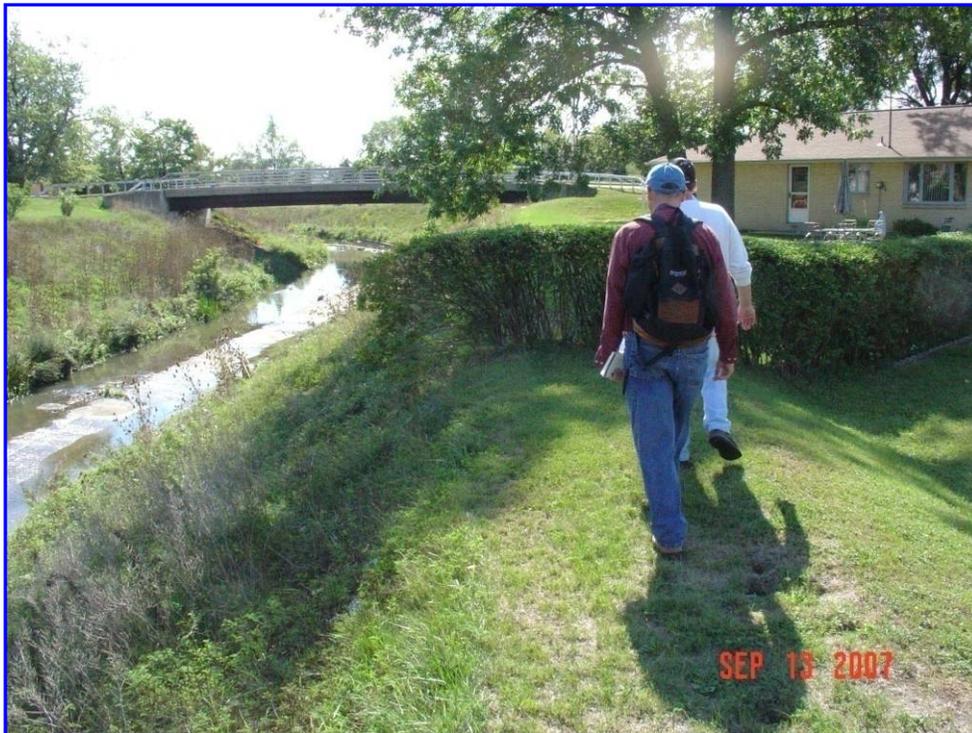
Current Status

- The Determination of Federal Interest (DFI) was completed with GLRI funds in May 2011. The DFI has a positive

finding. Since several restoration projects are on-going at Scajaquada Creek, the non-Federal sponsor and the Buffalo District agreed to possibly pursue the 1135 project at a later date. The next phase will be to sign the FCSA and initiate the Feasibility Study

Issues

- Project requires additional funding to move forward



Project Manager: Patti McKenna (716) 879-4367, patrice.m.mckenna@usace.army.mil



FACT SHEET

February 2015

SEAWAY LANDFILL SITE – TONAWANDA, NY Formerly Utilized Sites Remedial Action Program (FUSRAP)

Location

- The Seaway FUSRAP site is located in the Town of Tonawanda, NY approximately 10 miles north of downtown Buffalo

Site History and Project Description

- The Seaway Site property comprises about 100 acres referred to as the Seaway Industrial Park. It is owned by the Sands Mobile Park Corporation and Benderson Development Company
- The Seaway Site is a commercial landfill used for the disposal of various types of wastes from 1930 to 1993
- This site became contaminated with FUSRAP-related material when material from the Linde Site that was at the neighboring Ashland I Site was moved by Ashland Oil to the landfill
- Approximately 90% of the site has been used for disposal, and approximately 67% has been capped by the property owner in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC)
- Areas of known FUSRAP related material were intentionally left uncapped. Later investigations showed some FUSRAP material in areas that were capped, and some FUSRAP

material outside of the footprint of the landfill

- The Corps of Engineers will be conducting a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Remedial Action that includes containment by capping and removal of the soils contaminated with radium, thorium, and uranium not already contained within the landfill cap

Importance

- For the current land use, the risk to human health is below the risk limits promulgated under Federal environmental laws; however, elevated levels of radionuclides exist that exceed Federal environmental requirement criteria and limitations promulgated under Federal environmental laws

Consequences

- Potential for long-term, adverse human health effects
- Adverse political reactions by Federal, state, and local representatives
- Adverse public reaction to on-site containment
- This site is a hazardous waste landfill; certain future site use may be limited due to the presence of FUSRAP contamination and hazardous materials

Project Phase	Estimated Federal Cost	Funding through FY14	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 Budget
ROD/ Remediation	\$44.2M	\$10.6M	\$4.8M	\$4.8M	\$200k	\$200k

Project Sponsor/Customer

- Project Sponsor/Customer: The project sponsor is the US Congress. Customers include property owners (Sands Mobile Park/Benderson Development), affected communities and elected leaders, and local, state,

and federal environmental and health agencies

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

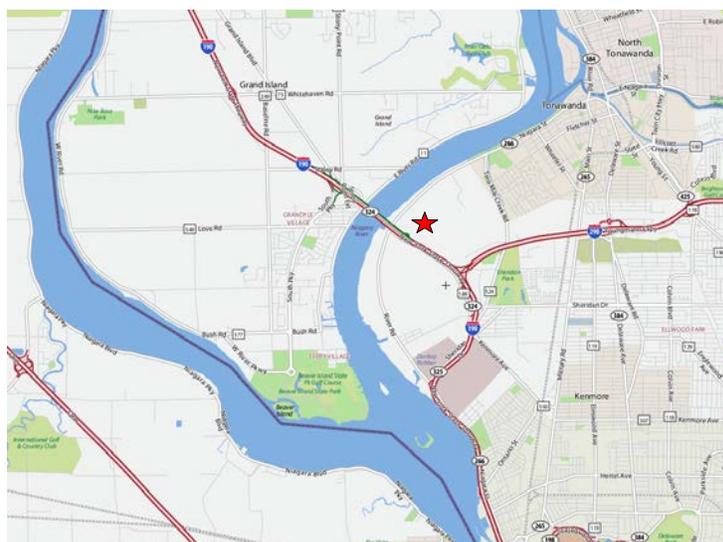
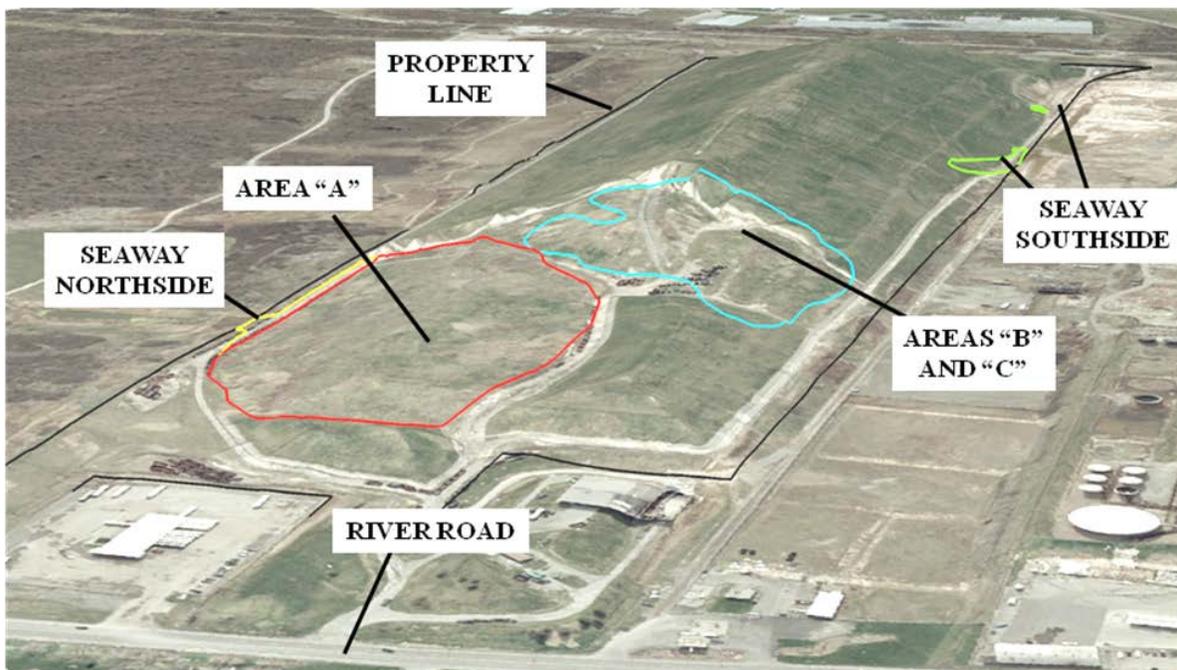
- The Corps released the Record of Decision (ROD) for the Seaway Site in November 2009. The ROD documents the final Selected Remedy for the Seaway Site, which is Containment with Limited Offsite Disposal

- The Corps completed in FY14 separate remedial action scopes of work for landfill capping and for the removal of FUSRAP contaminated soils
- Funds were allocated in FY15 to complete removal of contaminated soils. The landfill capping remedy is currently projected to commence in FY19

Issues

- The public and NYSDEC do not agree with the Selected Remedy of Containment with Limited Offsite Disposal for the FUSRAP materials at the Seaway Site

Project Manager: Duane Lenhardt (716) 879-4419, duane.r.lenhardt@usace.army.mil





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FACT SHEET

February 2015

SMOKES CREEK - NY

Project Modifications for Improvement of the Environment

Section 1135 of the 1986 Water Resources Development Act, as amended (P.L. 99-662)
Construction General (Continuing Authorities Program)

Location

- On the south shore of Lake Erie within the limits of the city of Lackawanna, Erie County, NY

Project Description

- Current channel configuration has sheet-pile which is not suitable spawning habitat for walleye and other fish
- Currently sediment fills in at the mouth of Smokes Creek and restricts fish movement
- The restoration could possibly provide wetland and riparian habitat of significantly higher quality than is currently found along Smokes Creek.
- Other project features could include aquatic and wildlife enhancement and providing public access features

- Feasibility phase is cost-shared 75% Federal and 25% non-Federal, if the project goes to construction

Importance

- The overall goal of the Smokes Creek project is to restore ecosystem functions that are currently lost or degraded in this region. The degraded aquatic habitat conditions present an opportunity to enhance fish and wildlife habitat along Smokes Creek.
- Working with our partners, Smokes Creek will become more suitable for spawning and eventually be ecologically restored

Consequences

- If a project is not pursued, the mouth of Smokes Creek, a tributary to the Great Lakes, will be devoid of suitable critical spawning habitat

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	TBD	\$180k	\$250k	\$125k*	\$250	\$0

*FY13 funding provided through GLRI

Project Sponsor/Customer

- New York State Department of Environmental Conservation (NYSDEC) and the city of Lackawanna, NY
- Letters of request October 8, 2002 and October 26, 2010

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- The Feasibility study is approximately 75% complete
- The project is on hold until a Feasibility Cost-Sharing Agreement (FCSA) can be signed

Issues

- Feasibility Cost-Sharing Agreement required to complete the feasibility study and because the non-Federal sponsor is unable to cost share the project at the present time, the project is on hold



Project Manager: Patti McKenna (716) 879-4367, patrice.m.mckenna@usace.army.mil



FACT SHEET

February 2015

SOUTH PARK LAKE - NY

Aquatic Ecosystem Restoration

Section 206 of the Water Resources Development Act of 1986, as amended
Construction General (Continuing Authorities Program)

Location

- South Park Lake is located within the southernmost sector of the City of Buffalo, Erie County, NY

Project Description

- Historically significant 24 acre lake degraded as the result of sedimentation
- Habitat restoration required to restore lake to self-regulating ecological system
- An estimated 100,000 cubic yards (CY) of organic material may be dredged
- Potential for enhanced water quality for fish and waterfowl inhabitants
- Subsequent elimination of invasive plant species
- Feasibility is cost-shared 50% Federal and 50% non-Federal
- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

Importance

- Significant environmental benefits in the recovery of plant life diversity and food chain redevelopment for resident fish and wildlife species
- Integral part of the Buffalo Olmsted Park System, a nationally recognized cultural and natural resource
- One of only three lakes in the city of Buffalo
- Originally designed to provide key ecological/recreational functions to enhance the quality of life in the city of Buffalo

Consequences

- Without dredging the uniqueness and heritage of this Olmsted Park lake will be lost if the infestation of dense plant growth continues until the lake is completely filled in

Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	TBD	\$569k	\$27k	\$27k	\$0K	\$0

Project Sponsor/Customer

- The non-Federal sponsor for this project is the Buffalo Olmstead Parks Conservancy (BOPC)
- Customer(s) - City of Buffalo, NY and Erie County, NY

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

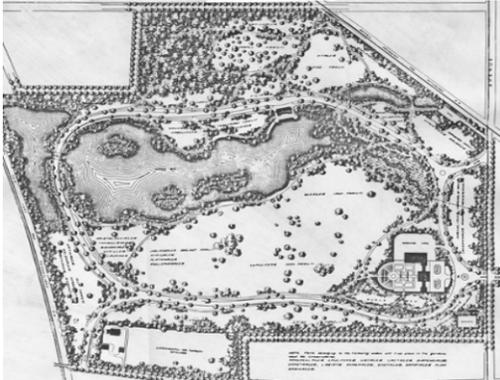
- The Feasibility Study is approximately 50% complete

Issues

- Feasibility Cost-Sharing Agreement required to complete the feasibility study and because the non-Federal sponsor is unable to cost share the project at the present time, the project is on hold



South Park Lake Design - 1894



Present Day Arial Photo



Historical Post Card (Date Unknown)



Present day



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



FACT SHEET

February 2015

Tonawanda Creek Hydropower, Batavia, NY

Section 4057 of WRDA of 2007
General Investigations

Location

- The study area is located along Tonawanda Creek in Batavia, Genesee County, NY

Project Description

- This study would determine if generation of electricity, using the emerging technology of micro-hydro power generation, is feasible and economically justified for the city of Batavia, NY

Importance

- Micro-hydro power generation is an emerging technology that has proved useful and feasible for small communities when the proper conditions

of available water flow and volume and the high costs of alternate power generation exist. Tonawanda Creek flows directly through the city of Batavia and could provide the right set of conditions to make micro-hydro power generation effective and economically viable

Consequences

- Without funding, the nature and opportunities associated with hydropower in Batavia, NY will remain unknown

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

(1) First \$100k is at 100% Federal expense as the 905(b) Reconnaissance Analysis.

Project Sponsor/Customer

- The city of Batavia or Genesee County, NY is the likely cost share sponsor

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY

Current Status

- Until Appropriations are provided, work cannot commence on this study

Issues

- No funding has been appropriated to this project



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



TONAWANDA LANDFILL VICINITY PROPERTY – TONAWANDA, NY
Formerly Utilized Sites Remedial Action Program (FUSRAP)

Location

- East Park Drive, in the Town of Tonawanda, NY

Site History and Project Description

- The Town of Tonawanda Landfill and Mudflats were designated together as a vicinity property to the Linde Site by the Department of Energy in 1992
- The Landfill Operable Unit (OU), an inactive municipal landfill, is about 55 acres in size
- Previous investigations had found small areas of soil in the Landfill OU containing elevated levels of radium, thorium, and uranium
- The Corps of Engineers is conducting a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) investigation of the site

Importance

- The original baseline risk assessment concluded that risks to human health from FUSRAP material were within acceptable limits established under federal environmental regulations
- Adjacent residents are greatly concerned about FUSRAP material in the Landfill OU
- The Corps agreed to conduct additional investigations to aid in definitively determining the potential human health risk from FUSRAP material in the Landfill OU

Consequences

- Potential for long-term adverse human health effects
- Adverse political reactions by federal, state, and local representatives
- Adverse public reaction

Project Phase	Estimated Federal Cost	Funding through FY14	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 Budget
Investigations*	\$6.2M	\$4.7M	\$500k	\$500k	\$500k	\$500k

*Investigations Phase includes the 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 property owners (Town of Tonawanda), affected communities and elected leaders, and local, state, and federal environmental and health agencies

Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- The Corps completed phase 2 remedial investigation sampling in the Landfill OU in 2010, using funding provided under the American Recovery and Reinvestment Act (ARRA)
- The phase 2 remedial investigation sampling was conducted to address public concerns expressed on the Corps' 2007 proposed plan
- The data from this sampling was used to complete an updated baseline risk assessment, which was released in June 2012

- The updated baseline risk assessment concluded that while current risks to human health from FUSRAP material in the Landfill OU are within acceptable limits established in federal environmental regulations, if no action is taken then future risks could potentially exceed the acceptable regulatory limits
- The Corps is currently preparing a feasibility study and proposed plan for the

Landfill OU, which are scheduled for completion in 2015

- The feasibility study will develop and evaluate remedial alternatives to address the potential future risks to human health, and the proposed plan will present the Corps' preferred alternative for public review and comment

Issues

- None

Project Manager: Stephen Buechi (716) 879-4287, stephen.p.buechi@usace.army.mil

