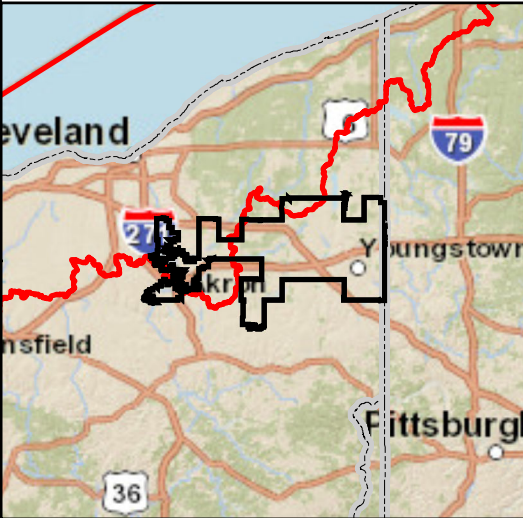


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1, CG-CAP 205, Tinkers Creek

FACT SHEET

February 2015

WASTEWATER IMPROVEMENTS - AKRON, OH

Section 219 of the 1992 Water Resources Development Act (WRDA), as Amended
WRDA 2007 Sec. 5158 (204)
Environmental Infrastructure Program

Location

- The Town of Akron, OH about 40 miles south of Cleveland, OH

Project Description

- Wastewater infrastructure project to eliminate combined sewer overflows (CSO) to the Little Cuyahoga River
- Authorization - WRDA 2007 Sec. 5158 (204) - \$5,000,000 for wastewater infrastructure, Akron, OH
- Design and/or Construction are cost-shared 75% Federal and 25% non-Federal

Importance

- Project will improve water quality and reduce the bacteria loading by eliminating annual CSO from three existing locations

Consequences

- System failure without upgrade or replacement
- Increased risk of partially treated/untreated waste water being discharged
- Continued impacts to water quality within the Little Cuyahoga River, a National Heritage River that is classified as a warm water habitat stream

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 - Akron, OH

Congressional Interests

- Representative Tim Ryan D-OH-13
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH

Current Status

- Not funded, not initiated

Issues

- Project requires additional funding to move forward



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



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FACT SHEET

February 2015

PAS-Kent, OH

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

Location

- The city of Kent is located in Portage County and is approximately 30 miles southeast of the city of Cleveland

Project Description

- Under the PAS authority, a Scope of Work would be developed to assist the city of Kent with technical water resource related issue for the Cuyahoga River. At this time, coordination meetings are being discussed to identify a viable scope of work

Importance

- This project will provide a tool for the city of Kent to assist in the management and development of a sound water resource related program

Consequences

- Until a Scope of Work is developed, the consequences of not focusing in a specific issue, the consequences cannot be quantified

Project Phase	Est. Federal Cost of Phase	Federal Funding Thru FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Planning Assistance ¹	\$100k	\$0k	\$100k	\$0	\$100k	\$0

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

Project Sponsor/Customer

- city of Kent

Congressional Interests

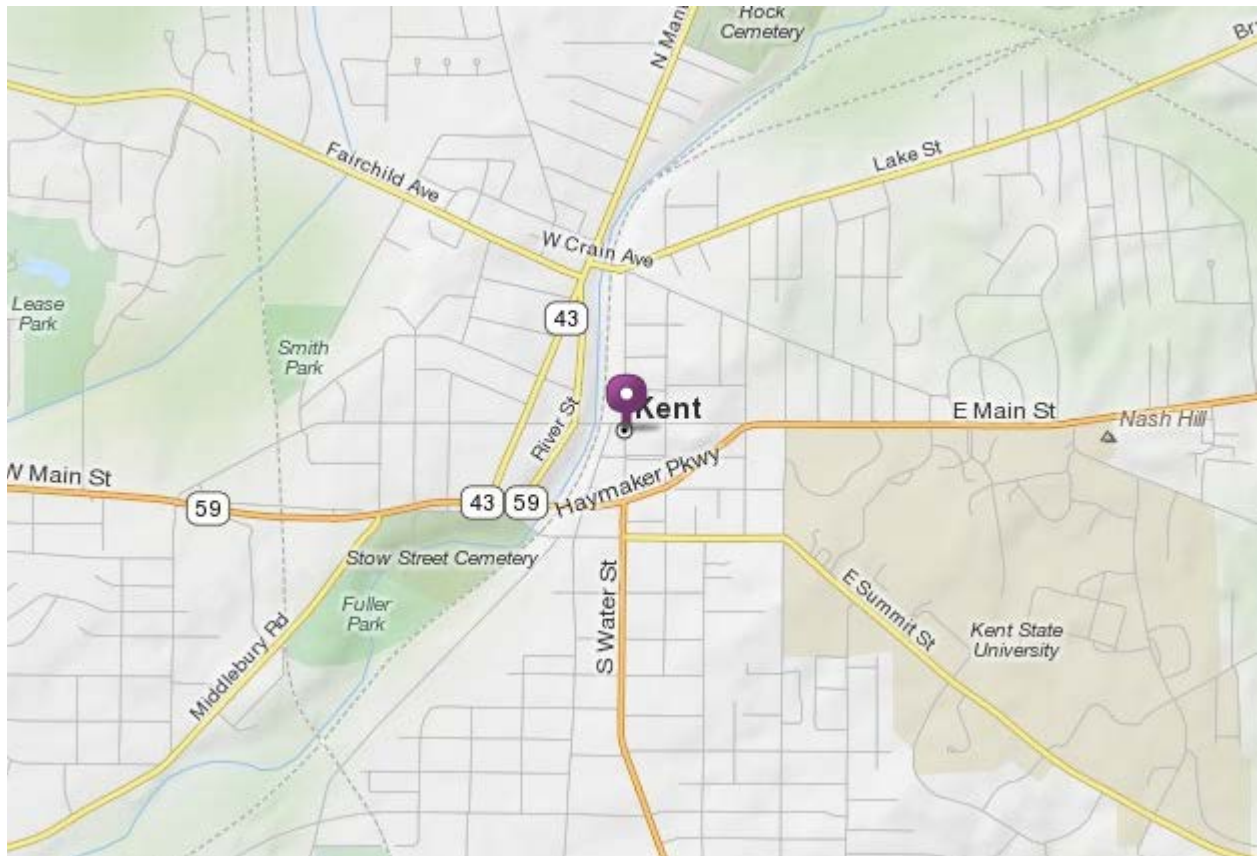
- Representative Tim Ryan D-OH-13
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH

Current Status

- Communication has been initiated with city of Kent with respect to the scope of work and associated cost estimate
- Efforts are underway to determine Kent's interest in pursuing a Section 22 study

Issues

- A Scope of Work and associated cost been developed been developed and associated costs not yet defined



Study Area – Kent, Ohio

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

FACT SHEET

February 2015

Power Generation at Lake Erie CDFs, OH

Section 4069 of WRDA of 2007

General Investigations

Location

- The study area includes all USACE Confined Disposal Facilities (CDFs) along Lake Erie in the state of Ohio

Project Description

- A Reconnaissance Study would be conducted to determine if a Federal interest exists in power generation projects on CDF land adjacent to Lake Erie
- Wind energy along the shoreline of Lake Erie has been seen as a potential source of sustainable power and a means to make use of otherwise underutilized land. The Steel Winds project in Lackawanna, NY constructed eight wind turbines on former industrial land, adjacent to Lake Erie and

could offer lessons-learned to similar future projects along the shoreline

Importance

- The recommendations of this study could result in sustainable energy sources for OH and a positive economic impact
- Many confined disposal sites along Lake Erie offer considerable shoreline acreage when filled that could possibly be used to locate wind turbines

Consequences

- The feasibility and economic potential of generation wind driven power along the Lake Erie shoreline at Federal CDF's would not be known without funding of this study

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

Project Sponsor/Customer

- Potential cost share sponsors would be identified during the Reconnaissance phase

Congressional Interests

- Representative Marcy Kaptur D-OH-9
- Representative Marcia Fudge D-OH-11
- Representative Timothy Ryan D-OH-13
- Representative David Joyce R-OH-14
- Senator Rob Portman R-OH
- Senator Sherrod Brown D-OH

Current Status

- Not funded, not initiated

Issues

- No funding has been appropriated to this project



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



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FACT SHEET

February 2015

Lake Erie Dredged Material Disposal Sites Botulism Study

Section 4002 of WRDA of 2007
General Investigations

Location

- The study area includes all USACE dredged material disposal sites along the shores of Lake Erie in OH, PA and NY

Project Description

- A Reconnaissance Study would be conducted to determine the nature and frequency of avian botulism problems in the vicinity of Lake Erie associated with dredged material disposal sites and to make recommendations to eliminate the conditions that result in such problems
- Starting in 1999 dead fish and birds were washing up on the shores of Lake Erie in elevated numbers. Type E botulism (*Clostridium botulinum*) has been blamed for these increased deaths, and poses a risk to human and ecological health. Avian

botulism has been a problem in some Lake Erie Combined Disposal Facilities (CDFs) (e.g. Toledo, OH) in the late summer of previous years

Importance

- Identification of level of occurrence and threat of avian botulism in the vicinity of Lake Erie dredged material disposal sites will potentially result in recommendations to mitigate or eliminate risks

Consequences

- Without funding, the nature and frequency of avian botulism problems in the vicinity of Lake Erie associated with dredged material disposal sites 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

Project Sponsor/Customer

- Potential cost share sponsors will be identified during the Reconnaissance phase

Congressional Interests

- Representative Marcy Kaptur D-OH-9
- Representative Marcia Fudge D-OH-11
- Representative Timothy Ryan D-OH-13
- Representative David Joyce R-OH-14
- Senator Rob Portman R-OH

- Senator Sherrod Brown D-OH

Current Status

- Not funded, not initiated

Issues

- No funding has been appropriated to this project



Typical Lake Erie Confined Disposal Facility

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FACT SHEET

February 2015

OHIO ENVIRONMENTAL INFRASTRUCTURE PROGRAM

Section 594 of the Water Resources Development Act (WRDA) of 1999

Appropriation Category: Construction General (CG)

Congressional Interests:

All OH Representatives
Senator Rob Portman R-OH
Senator Sherrod Brown D-OH

Project Description: Section 594 of the WRDA 1999 authorizes the Corps of Engineers to provide assistance to non-Federal interests in Ohio in the form of design and construction support or reimbursement for design and construction of water and wastewater treatment facilities, combined sewer overflows, water supply/storage treatment, mine drainage, environmental restoration and surface water protection.

Project Capabilities: Congress authorized up to \$240,000,000 for the implementation of this authority. Through FY14, approximately \$108,800,000 has been appropriated. Funding in the amount of \$7,500,000 is included in the FY15 Work Plan. The cost share for projects implemented under this authority is 75% Federal and 25% non-Federal. Huntington, Buffalo, Pittsburgh, and Louisville Districts are responsible for the implementation of the Section 594 Program.

Current Status: As of January 2015, the Buffalo District presently provides proactive and responsive project management for four individual projects in Ohio. The capability for future projects in Ohio is extensive.

Project Manager: Buffalo District, Ronald Kozlowski, (716) 879-4348
Huntington District, Stephen Porter, (304) 399-5062