



Environmental
Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

December 1, 2010

Michael Griffith
Columbus Public Utilities Department
910 Dublin Road
Columbus, Ohio 43215

Dear Mr Griffith :

Re: 11(h)EPA-18, "5th Avenue Dam Removal Design & Construction"

Congratulations. We are pleased to inform you that your application for a FFY11 Section 319(h) grant has been recommended to US EPA for funding. This cycle of Section 319 grants was particularly competitive with substantially more funds requested than available. We received 41 applications and are fortunate to be able to recommend funding for 11 projects. We are excited by the opportunities that these grants provide and look forward to working with you to help improve Ohio's surface waters.

Enclosed is a copy of the recommended budget and deliverable worksheets for your project. Please note that items and/or costs may have been reduced during the review process. Review these materials carefully and please let us know as soon as possible whether or not you are still interested in receiving this grant once we receive final confirmation from U.S. EPA. We expect final notice in March 2011 and expect to be able to execute subgrant agreements with all successful applicants no later than May or June 2011.

Should you have any questions regarding the draft budget and/or deliverables or the grant process generally, please do not hesitate to contact Martha Spurbeck at (614) 644-2869. Again, congratulations and we look forward to working with you.

Sincerely,

Russell W. Gibson, Manager
NPS/319 Grants Program
Division of Surface Water

Enclosures

cc: Martha Spurbeck, NPS/319 Grants Program
Vince Mazeika, Central District Office





Environmental Protection Agency

FY 2011 Section 319(h) Nonpoint Source Project Summary

Project Number 11(h)EPA-18
Est. Project Completion April 30, 2014

SubGrantee Columbus Public Utilities Department
910 Dublin Road
Columbus, Ohio 43215

Project Contact: Michael Griffith
Columbus Public Utilities Department
910 Dublin Road
Columbus, Ohio 43215
614-645-2416
mpgriffith@columbus.gov

Federal Amount: \$500,000
Local Match: \$400,240

Project Title: Lower Olentangy River Ecosystem Restoration Project,
5th Avenue Dam Removal Design & Construction

Project Location: Franklin County
Watershed: Lower Olentangy River

Project Summary: \$500,000 in FY 2011 Section 319(h) Nonpoint Source grant funding is recommended to assist the city of Columbus with stream restoration efforts following the removal of the 5th Avenue Dam on the Olentangy River. Removal of the 5th Avenue Dam has been recommended numerous times in a variety of documents and reports. The impounded area behind this dam is noted in the Olentangy TMDL as one of the most biologically impaired segments of the lower Olentangy. This project will facilitate riparian restoration and installation of in-stream habitat and grade structures designed to stabilize the streambanks and stream channel and to prevent headcutting following dam removal. The project is being supported with extensive outreach and public involvement due to the high profile nature of the structure and project location. This project is an extension of the project planning and design work that was completed under provisions of #06(h)EPA-27. This project is being implemented consistent with the recommendations in the state-endorsed Lower Olentangy River Watershed Action Plan. It is also consistent with findings and recommendations within the Lower Olentangy River Total Maximum Daily Load study completed by Ohio EPA and approved by U.S. EPA in 2007.

Project Deliverables:

- Removal of one (1) dam.
- In-stream channel and riparian area restoration of 10,560 linear feet of riparian areas including plantings and grading as needed. In-stream restoration will include the installation of grade structures and habitat features as needed to eliminate headcutting and other instability that may occur.
- Disposal of 6,350 cubic yards of dam debris.
- Public outreach including a video, website link, signage, fact sheet, tours, newsletters, a survey and project signage.

Environmental Results: Successful completion of this project will reduce nonpoint source related impairment in the Lower Olentangy River by restoring approximately two (2) miles of the Olentangy River to an unimpeded natural state.



Olentangy River at 5th Avenue Dam.

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APPENDIX B-Project Budget Summary

Columbus Department of Public Utilities

Lower Olentangy River Ecosystem Restoration Project, 5th Avenue Dam Removal Design & Construction
#11(h)EPA-18

Budget Form Worksheets

Category	Category Totals
Personnel	\$76,293
Fringe	\$48,827
Travel	\$0
Equipment	\$0
Supplies	\$0
Contractual	\$775,120
Other	\$0
Cost Share	\$0
Indirect	\$0
Total	\$900,240

Budget By Funding Source

Category	Federal	State	Local	Category Totals
Personnel	\$0	\$0	\$76,293	\$76,293
Fringe	\$0	\$0	\$48,827	\$48,827
Travel	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Supplies	\$0	\$0	\$0	\$0
Contractual	\$500,000	\$0	\$275,120	\$775,120
Other	\$0	\$0	\$0	\$0
Cost Share	\$0	\$0	\$0	\$0
Indirect	\$0	\$0	\$0	\$0
Total	\$500,000	\$0	\$400,240	\$900,240

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APPENDIX B-Project Budget Detail
Columbus Department of Public Utilities

Lower Olenfanty River Ecosystem Restoration Project, 5th Avenue Dam Removal Design & Construction
 #11(h)EPA-18

Subgrant Personnel Roster

Title	#of Hours	Hourly Wage	Personnel \$	Fringe Rate	Fringe \$	Role
1 Engineer II	1,250	\$36.00	\$45,000	64.00%	\$28,800	Project management
2 Grant & Loan Manager	450	\$35.08	\$15,786	64.00%	\$10,103	Grant management and reporting
3 Accountant II	300	\$22.75	\$6,825	64.00%	\$4,368	Invoice processing
4 Administrator	100	\$59.12	\$5,912	64.00%	\$3,784	Review and project oversight
5 Director	40	\$69.25	\$2,770	64.00%	\$1,773	Contracts and project oversight
Totals	2,140		\$76,293		\$48,828	

Total FTE's 1.03

Contract List Subform

Amount	Justification
1 \$40,000	Costs associated with contracting with a qualified firm to prepare all permitting documents and to obtain all permits required to successfully complete the removal of the 5th Avenue Dam and associated streambank restoration activities. 445 hours of permitting service will be provided at a cost of approximately \$90 per hour.
2 \$125,120	Costs associated with contracting with a qualified firm to conduct 2140 hours of grants management and fiscal services at approximately \$58.47 per hour.
3 \$25,000	Costs associated with 180 hours of professional technical services at approximately \$110 per hour to complete all required FEMA hydraulic modeling. Costs also include \$5,000 for LOMR review fees related to the modeling.
4 \$235,000	Costs associated with contracting with a qualified engineering firm to complete all related design work and planning documents for removal of the 5th Avenue Dam and restoration of the former dam pool and surrounding riparian areas. 1800 hours of service will be provided at approximately \$131 per hour. (\$85,000 Federal and \$150,000 Match)
5 \$330,000	Federal grant (\$330,000) costs associated with the restoration of approximately 1,400 linear feet of stream and riparian restoration at approximately \$235 per linear foot. Total length of restoration is to approximate 10,560 linear feet--of which the balance is to be paid for with local funds = \$2,120,000.
6 \$20,000	Costs associated with contracting with a qualified organization to conduct all project related education and outreach and deliverable development, including conducting public meetings, updating and maintaining the 5th Avenue Dam website, fact sheets and other materials.
\$775,120	SUBTOTAL

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APPENDIX A-Project Deliverables

Lower Olentangy River Ecosystem Restoration Project, 5th Avenue Dam Removal Design & Construction #11(h)EPA-18

Objectives	Deliverables	#	Units	Description	
Dam Modification or Removal	Develop Project Plans or Design Documents	1	Plans	Successfully develop one set of planning and/or design documents that will be used for dam removal and restoring approximately 10,560 linear feet of stream.	
	Execute Construction-Contracts	1	Contract	Successfully execute planning, design and/or construction contract with a qualified firm to plan and perform activities related to dam removal and restoring approximately 10,560 linear feet of stream	
	Remove Dams	1	Dams	Demolish and remove the 5th Avenue Dam on the Lower Olentangy River in accordance with all federal and state regulations thereby restoring natural flow conditions to approximately 2 miles of the Lower Olentangy River.	
	Restore Stream	10,560	Linear Feet	Following removal of the 5th Ave Dam, project sponsor shall conduct stream channel and riparian area restoration along approximately 10,560 linear feet of the Olentangy River.	
	Install Fish Passage and/or Habitat Structures	15	Structures	Install at least 15 fish passages/in-stream habitat structures within stream channel to establish a stable stream channel and improved habitat conditions.	
	Dispose of Debris	6,350	Cubic Yards	Remove sediment and concrete debris (approximately 6,350 cy) and dispose of properly	
	Education & Outreach	Develop Project Fact Sheets	1	Fact Sheets	The project will include extensive project-specific education and outreach including conducting pre-construction survey to gauge public awareness and receive feedback from local residents, conduct 2 public meetings-one at project initiation and one at mid-way point, issuing 6 press releases, establishing and maintaining a project-specific website, installing 2 project signs, 2 tours of the area-one at the start and one at the completion of the project, and 6 published newsletters. A project documentary video of the construction process will be made and posted on the website and will be
		Conduct Public Meeting	2	Public Meetings	
		Create/Maintain Websites	1	Website	
		Install Signs	2	Signs	
Conduct Tours		2	Tours		
Develop Newsletters		6	Newsletters		
Project Reporting	Develop Surveys	1	Surveys	Submit required reports to Ohio EPA at specified intervals	
	Video Clips and Photography	1	Video		
	Submit Semi-Annual Technical Reports	6	Reports		
	Submit quarterly Fiscal Reports	12	Reports		
Submit closing Fiscal Report	1	Reports			
Submit closing Technical Report	1	Reports			