



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Ohio-Kentucky-Indiana Water Science Center

OHIO

6460 Busch Boulevard, Suite 100
Columbus, Ohio 43229-1737

KENTUCKY

9818 Bluegrass Parkway
Louisville, Kentucky 40299-1906

INDIANA

5957 Lakeside Boulevard
Indianapolis, Indiana 46278-1996

June 26, 2024

Mr. Matthew Steele
Water Supply and Treatment Coordinator
City of Columbus, OH
910 Dublin Road
Columbus, Ohio 43215

Dear Mr. Steele:

Enclosed is a signed original copy of our standard joint-funding agreement 25NFJFA00000201 for the investigation of water resources in the Scioto River and tributaries in the vicinity of Columbus and Pickaway County well field, as well as Hellbranch Run water discharge, suspended sediment discharge, and concentration of selected water quality parameters (see attached), during the period October 1, 2024 through September 30, 2025 in the amount of \$480,294 from your agency. U.S. Geological Survey contributions for this agreement are \$74,795 for a combined total of \$555,089. Please sign and return the fully-executed original to Nathan Wood at ncwood@usgs.gov or mail to the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2024**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact David Straub at (614) 506-8349 or email destraub@usgs.gov to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Nathan Wood at phone number (571) 386-7644 or ncwood@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. The U.S. Geological Survey appreciates the opportunity to work with the City of Columbus and looks forward to continuing the relationship in future fiscal years.

Sincerely,

Dave Straub
Acting Director

Enclosure
25NFJFA00000201

**U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations**

**Customer #: 6000000249
Agreement #: 25NFJFA00000201
Project #: NF00GWQ
TIN #: 31-6400223**

Fixed Cost Agreement YES[X] NO[]

THIS AGREEMENT is entered into as of the October 1, 2024, by the U.S. GEOLOGICAL SURVEY, OKI Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Columbus, OH party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for the investigation of water resources in the Scioto River and tributaries in the vicinity of Columbus and Pickaway County well field, as well as Hellbranch Run water discharge, suspended sediment discharge, and concentration of selected water quality parameters (see attached), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$74,795 by the party of the first part during the period
October 1, 2024 to September 30, 2025
- (b) \$480,294 by the party of the second part during the period
October 1, 2024 to September 30, 2025
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0

Description of the USGS regional/national program:

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (<https://www.usgs.gov/office-of-science-quality-and-integrity/fundamental-science-practices>).

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR

Customer #: 6000000249
Agreement #: 25NFJFA00000201
Project #: NF00GWQ
TIN #: 31-6400223

Water Resource Investigations

9. Billing for this agreement will be rendered quarterly. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

USGS Technical Point of Contact

Name: David Straub
Supervisory Hydrologist (Engineer)
Address: 6460 Busch Boulevard Suite 100
Columbus, OH 43229-1753
Telephone: (614) 506-8349
Fax: (614) 430-7777
Email: destraub@usgs.gov

Customer Technical Point of Contact

Name: Matthew Steele
Water Supply and Treatment
Coordinator
Address: 910 Dublin Road
Columbus, Ohio 43215
Telephone: (614) 645-7020
Fax: (n/a)
Email: mksteele@columbus.gov

USGS Billing Point of Contact

Name: Nathan Wood
Address: 9818 Bluegrass Parkway
Louisville, KY 40299-1906
Telephone: (571) 386-7644
Fax: (502) 493-1909
Email: ncwood@usgs.gov

Customer Billing Point of Contact

Name: Matthew Steele
Water Supply and Treatment Coordinator
Address: 910 Dublin Road
Columbus, Ohio 43215
Telephone: (614) 645-7020
Fax: (n/a)
Email: mksteele@columbus.gov

U.S. Geological Survey
United States
Department of Interior

City of Columbus, OH

Signature

By _____ Date: 6/26/2024
Name: Dave Straub
Title: Acting Director

Signatures

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

City of Columbus, OH
Attachment for 25NFJFA00000201
2024-10-01 to 2025-09-30

SURFACE WATER

SITE Collection Description	FUNDS		
	USGS	COOP	TOTAL
03219500 Scioto River near Prospect OH Full Range Streamflow Station	\$3,820	\$7,190	\$11,010
03220000 Mill Creek near Bellepoint OH Full Range Streamflow Station	\$3,490	\$6,710	\$10,200
03220500 OShaughnessy Reservoir near Dublin OH Elevation, Continuous	\$2,180	\$3,500	\$5,680
03221000 Scioto River below OShaughnessy Dam nr Dublin OH Full Range Streamflow Station	\$3,820	\$9,190	\$13,010
03221500 Griggs Reservoir at Columbus OH Elevation, Continuous	\$2,180	\$3,500	\$5,680
03221646 Scioto River at 5th Ave at Columbus OH Full Range Streamflow Station		\$15,000	\$15,000
03225500 Olentangy River near Delaware OH Full Range Streamflow Station	\$2,720	\$4,780	\$7,500
03226800 Olentangy River near Worthington OH Full Range Streamflow Station	\$3,490	\$8,660	\$12,150
03227107 Olentangy River at J H Herrick Dr at Columbus OH Full Range Streamflow Station		\$15,000	\$15,000
03228300 Big Walnut Creek at Sunbury OH Full Range Streamflow Station	\$4,020	\$10,980	\$15,000
03228400 Hoover Reservoir at Central College OH Elevation, Continuous	\$2,180	\$3,500	\$5,680
03228500 Big Walnut Creek at Central College OH Full Range Streamflow Station	\$4,020	\$10,980	\$15,000
03228750 Alum Creek near Kilbourne OH Full Range Streamflow Station	\$3,050	\$11,950	\$15,000
03229500 Big Walnut Creek at Rees OH Full Range Streamflow Station	\$4,020	\$10,980	\$15,000
03229610 Scioto River near Commercial Point OH Full Range Streamflow Station	\$4,180	\$10,820	\$15,000
03230427 Clover Groff Ditch below Alton OH Full Range Streamflow Station		\$15,000	\$15,000
03230450 Hellbranch Run near Harrisburg OH Full Range Streamflow Station	\$2,515	\$12,485	\$15,000
Total: \$45,685 \$160,225 \$205,910			

GROUND WATER

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
394534082595200 PK-236 ESW-6C	Groundwater level, Continuous		\$2,000	\$2,000
394903083015400 FR-366	Groundwater level, Continuous		\$2,000	\$2,000
395008082593100 FR-126 M13	Groundwater level, Continuous		\$2,000	\$2,000
395039082585800 FR-115 TH-67	Groundwater level, Continuous		\$2,000	\$2,000
395055082592400 FR-271 PARSONS AVE WTP DEEP WELL AT COLUMBUS OH	Groundwater level, Continuous		\$2,000	\$2,000
395055082592401 FR-272 PARSONS AVE WTP SHALLOW WELL AT COLUMBUS OH	Groundwater level, Continuous		\$2,000	\$2,000
			\$2,000	\$2,000
		Total:	\$12,000	\$12,000

WATER QUALITY

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
03219500	Scioto River near Prospect OH			
	Water Quality, Continuous		\$21,000	\$21,000
03220500	OShaughnessy Reservoir near Dublin OH			
	Water Quality, Measurement	\$167	\$500	\$667
03220510	Scioto R. at OShaughnessy Dam near Dublin OH			
	Water Quality, Continuous		\$21,000	\$21,000
03221500	Griggs Reservoir at Columbus OH			
	Water Quality, Measurement	\$167	\$500	\$667
03228039	Scioto River above Shadeville OH			
	Water Quality, Continuous		\$22,000	\$22,000
03228300	Big Walnut Creek at Sunbury OH			
	Water Quality, Continuous		\$21,000	\$21,000
03228400	Hoover Reservoir at Central College OH			
	Water Quality, Measurement	\$166	\$500	\$666
03230427	Clover Groff Ditch below Alton OH			
	Water Quality, Continuous		\$55,500	
	Water Quality, Continuous		\$36,400	
	Water Quality, Measurement		\$25,000	\$116,900
03230450	Hellbranch Run near Harrisburg OH			
	Water Quality, Continuous		\$36,400	
	Water Quality, Measurement		\$25,000	\$61,400
394534082595200	PK-236 ESW-6C			
	Water Quality, Continuous	\$7,000	\$7,000	
	Water Quality, Measurement	\$3,000	\$3,000	\$20,000
400631082525900				
	Water Quality, Continuous	\$3,000	\$2,000	\$5,000
Total:		\$13,500	\$276,800	\$290,300

CLIMATE

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
401410082510500	Rain gage at Sunbury OH Precipitation, Continuous		\$750	\$750
Total:			\$750	\$750

STUDIES

SITE	Collection Description	FUNDS		
		USGS	COOP	TOTAL
	Miscellaneous Projects	\$15,610	\$30,519	\$46,129
Total:		\$15,610	\$30,519	\$46,129
GRAND TOTAL:			\$555,089	