



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Michigan-Ohio Water Science Center

6520 Mercantile Way, Suite 5
Lansing, Michigan 48911

6480 Doubletree Avenue
Columbus, Ohio 43229

March 2, 2016

Matthew K. Steele
City of Columbus, Dept. of Public Utilities
910 Dublin Road
Columbus, OH 43215-1195

Dear Mr. Steele:

Enclosed for your review and approval is Joint Funding Agreement # **16EMOH031** for phase 2 of a synoptic survey of physical and water quality characteristics of lower Hoover Reservoir. If you approve, please have both originals signed and return one signed original to our office for processing and retain the other original for your records. Work cannot begin until we receive the signed agreement.

Work performed with funds from this agreement will be conducted on a fixed-price basis. Federal matching funds are dependent of USGS's receipt of appropriations. The City of Columbus will be billed quarterly. The results of all work under this agreement will be available for publication by the U.S. Geological Survey.

We appreciate your support of our cooperative streamflow program and look forward to working with you. Please give us a call at 614-430-7702 if you have any questions.

Sincerely,

James R. Morris,
Director

Enclosure

**U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Customer #: 600000249
Agreement #: 16EMOH031
Project #: GC16NJ00D5W0017
TIN #: 31-6400223
Fixed Cost Agreement YES

JOINT FUNDING AGREEMENT

FOR
OHIO WATER SCIENCE CENTER

THIS AGREEMENT is entered into as of the, 1st day of April, 2016 by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Columbus, Department of Public Utilities, Division of Water, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for Phase 2 of a synoptic survey of physical and water quality characteristics of lower Hoover Reservoir 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) includes In-Kind Services in the amount of \$0.00

(a) by the party of the first part during the period

Amount	Date	to	Date
\$6,000.00	April 1, 2016		September 30, 2016

(b) by the party of the second part during the period

Amount	Date	to	Date
\$65,700.00	April 1, 2016		September 30, 2016

\$6,000. Repay \$59,700. Unmatched

(c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$0.00

Description of the USGS regional/national program:
Not Applicable

(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 costs, 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.
- 9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

**U.S. Geological Survey
United States
Department of the Interior**

City of Columbus

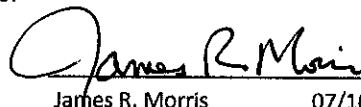
USGS Point of Contact

Customer Point of Contact

Name: David E. Straub
 Address: 6480 Doubletree Avenue
 Columbus, Ohio 43229-1111
 Telephone: (614) 430-7744
 Email: gestraub@usgs.gov

Name: Matthew K. Steele
 Address: 910 Dublin Road
 Columbus, Ohio 43215
 Telephone: (614) 645-7020
 Email: mksteele@columbus.gov

Signatures and Date

Signature: 
 Name: James R. Morris
 Title: Director

Date: 07/16/2015

Signature: _____
 Name: Greg J. Davies
 Title: Director, Columbus Dept of Public Utilities