



Legislation Text

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Over the past few years, the City of Columbus water supply from the Hoover Reservoir developed a taste and odor problem. During late summer the reservoir develops different water quality from the top of the reservoir to the bottom. The City can choose where to get water from the dam by releasing water from three different elevations. The objective of the proposed work is to study the physical and water quality characteristics of the lower portion of Hoover Reservoir to determine what impacts the gate changes have on reservoir water quality and to determine where to effectively install a floating water quality monitor. USGS will publish a Scientific Investigation Report detailing the methods and results of the study. The results from the study will provide the City of Columbus with information to make more informed decisions on reservoir releases and could potentially have local, state, and national relevance in terms of reservoir management, drinking water quality, and algal blooms.

Phase 1 of this project began August 1, 2015. This ordinance authorizes the expenditure of an additional \$65,700 to complete the second phase of the project. The final report will be delivered to the City of Columbus by September 30, 2016. Provisional data and results will be released to the City of Columbus before the end of the study as work is completed.

ORGANIZATION: Geological Survey, United States Department of Interior (53-0196958)

FISCAL IMPACT: Funds are budgeted in the 2016 Water Operating Fund to fund this purchase which totals \$65,700.00.

To authorize the Director of Public Utilities to enter into a joint funding agreement with the Geological Survey, United States Department of Interior, for the second phase of a Water Quality Study of the Lower Hoover Reservoir, Columbus, Ohio for the Division of Water; and to authorize the expenditure of \$65,700.00 from the Water Operating Fund. (\$65,700.00)

WHEREAS, it is necessary to study the physical and water quality characteristics of the lower portion of Hoover Reservoir to determine what impacts the gate changes have on reservoir water quality and to determine where to effectively install a floating water quality monitor. USGS will publish a Scientific Investigation Report detailing the methods and results of the study; and

WHEREAS, the results from the study will provide the City of Columbus with information to make more informed decisions on reservoir releases and could potentially have local, state, and national relevance in terms of reservoir management, drinking water quality and algal blooms; and

WHEREAS, phase 1 of this project began August 1, 2015, this second phase of the project will begin May 1, 2016, and the final report will be delivered to the City of Columbus by September 30, 2016. Provisional data and results will be released to the City of Columbus before the end of the study as work is completed; and

WHEREAS, it is necessary to authorize the Director of Public Utilities to enter into a joint funding agreement between the Geological Survey, United States Department of Interior, and the City of Columbus, Department of Public Utilities, for the second phase of a Water Quality Study of the Lower Hoover Reservoir, Columbus, Ohio for the preservation of public health, peace, property and safety now, therefore,

WHEREAS, it has become necessary in the usual daily operation of the Department of Public Utilities, Division of Water, to authorize a joint funding agreement for the second phase of a Water Quality Study of the Lower Hoover Reservoir, Columbus, Ohio, thereby preserving the public health, peace, property, safety and welfare; now, therefore:

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS

SECTION 1. That the Director of Public Utilities be and is hereby authorized to enter into a joint funding agreement between the Geological Survey, United States Department of Interior, and the City of Columbus, Department of Public Utilities, for the second phase of a Water Quality Study of the Lower Hoover Reservoir, Columbus, Ohio for the Division of Water, for the period of May 1, 2016 to and including September 30, 2016.

SECTION 2. That the funds necessary to carry out the purpose of this ordinance are hereby deemed appropriated, and the City Auditor shall establish such accounting codes as necessary.

SECTION 3. That the expenditure of \$65,700 or so much thereof as may be needed, is hereby authorized in Fund 6000 Water Operating Fund in object class 03 Services per the accounting codes in the attachment to this ordinance.

SECTION 4. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.