



Legislation Text

File #: 19-0512, **Version:** 2

Resolution to Adopt Final Project Plan for the Water Treatment Plant UV Disinfection System Project and Designate an Authorized Project Representative

This memorandum and resolution requests adoption of the final Project Plan for the Water Treatment Plant (WTP) UV Disinfection System Project and designates Craig Hupy, the City of Ann Arbor's Public Services Area Administrator, as the Authorized Project Representative. A Project Plan is the first step in applying to the State for a Drinking Water Revolving Fund Loan.

The Project Plan, prepared by LG Design, Inc. followed notification to the City from the Michigan Department of Environmental Quality (MDEQ) in June 2017 that the drinking water supply contained levels of *Cryptosporidium* (a waterborne parasite), which requires additional protection to comply with the EPA Long-term 2 Enhanced Surface Water Treatment Rule (LT2) drinking-water regulations. MDEQ stated that compliance for treatment was required by June 2020.

After notification, the City hired LG Design, Inc. to evaluate compliance alternatives. LG Design, Inc. recommends ultraviolet (UV) light disinfection. In 2018, the City hired LG Design, Inc. to develop the conceptual design of the interim UV system, which was approved by MDEQ, and to prepare detailed design and construction documents for the UV Disinfection System.

The Project Plan compiles the study and design phase efforts and provides background on the WTP and evaluated alternative approaches to meeting *Cryptosporidium* regulations. The selected alternative of the Project Plan recommended the construction of the WTP UV Disinfection System Project.

A Drinking Water Revolving Fund Loan will provide the City with a lower than market interest loan and extend the repayment period for this debt, providing cash flow relief in the near-term.

It is therefore recommended that City Council approve formal adoption of the final Project Plan for the WTP UV Disinfection System Project and designate Craig Hupy, the City of Ann Arbor's Public Services Area Administrator, as Authorized Project Representative.

Prepared by: Brian Steglitz, Manager, Water Treatment Services Unit

Reviewed by: Craig Hupy, Public Services Area Administrator

Approved by: Howard S. Lazarus, City Administrator

Whereas, The Water Treatment Plant (WTP) UV Disinfection System Project will ensure compliance with the EPA LT2 drinking water regulation for *Cryptosporidium* and the MDEQ's June 2020 deadline regarding the same;

Whereas, The City recognizes the benefits of improvements to its existing water treatment system;

Whereas, A Project Plan is the first step in the application process for a State of Michigan Drinking Water Revolving Fund Loan; and

Whereas, Said Project Plan was presented at a Public Hearing held on April 8, 2019 and all public comments have been considered and addressed;

RESOLVED, That Council formally adopts said Project Plan and agrees to implement its recommendation to construct a UV Disinfection System at the city's WTP;

RESOLVED, That the Public Services Area Administrator, a position currently held by Craig Hupy, is designated as the authorized representative for all activities associated with the project reference above, including the submittal of said Project Plan as the first step in applying to the State of Michigan for a Drinking Water Revolving Fund Loan to assist in the implementation of the project; and

RESOLVED, That the City Administrator be authorized to take all necessary actions to implement this resolution including execution of any authorized renewals and any changes or amendments that do not exceed the contingency amount.