



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



PHILLIP D. ROOS
DIRECTOR

November 14, 2023

VIA E-MAIL

Tera L. Fong
Division Director
United States Environmental Protection Agency
Region 5, Water Division
77 West Jackson Blvd
Chicago, IL 60604

Dear Tera Fong:

SUBJECT: Michigan Drinking Water State Revolving Fund (DWSRF) – Water Infrastructure Improvements for the Nation (WIIN) Grant, Environmental Protection Agency (EPA) award number FS00E02091

The Department of Environment, Great Lakes, and Energy (EGLE), in reference to your August 16, 2023 letter on the subject matter referenced above, is requesting a decision to extend the current grant award period.

I am requesting the EPA to extend the WIIN grant award period date from the current date of December 31, 2023, for one-year to December 31, 2024. The City of Flint (City) has identified four high priority projects using the remaining WIIN grant funding but requires a time extension in order to complete the necessary steps for project resolution. The four projects identify estimated costs totaling \$11,615,000. As of October 31, 2023, available funds remaining on the WIIN Grant are \$11,037,078.95.

The attached proposal prepared by the City provides a summary for each of the projects as well as the projected timeline needed to complete all necessary steps. With the exception of the Tier 2 lead service line proposal, all projects were identified in the original plan submitted by the City when the WIIN grant was awarded. The City needs the requested extension to address these projects now that >99% of lead service lines have been replaced and funding remains. An amendment to the original project planning document is needed to include the Tier 2 lead service line project as an allowable cost under the WIIN grant. Tier 2 lead service lines are required to be replaced under Michigan's Lead and Copper Rule and further protect the public health of the residents of the City. If a grant extension is approved by EPA, the City and EGLE will begin the process of amending the project plan for submission to EPA.

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I appreciate the ongoing partnership between EPA, the City and EGLE as we continue to reassess the strategic plan to address the City's highest drinking water infrastructure needs using the WIIN grant.

If you have any questions or concerns, please contact me at 517-284-5003 or McDonaldP@Michigan.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul McDonald". The signature is fluid and cursive, with the first name "Paul" being more prominent than the last name "McDonald".

Paul McDonald
Chief Financial Officer

Enclosure

cc: Steve Marquardt, EPA
Clyde Edwards, City Administrator, Flint
Bill Kim, City Attorney, Flint
Phil Roos, Director, EGLE
Aaron B. Keatley, Chief Deputy Director, EGLE
Travis Boeskool, Deputy Director, EGLE
Richard Kuhl, AG
Kelly Green, EGLE
Eric Oswald, EGLE
Ed Willoughby, EGLE

CITY OF FLINT, MICHIGAN
PROPOSED USE PLAN FOR REMAINING WIIN FUNDING

Introduction

The WIIN funding for the City of Flint is derived from a \$100 million Capitalization grant to the State of Michigan with a \$20 million State match provided as a loan with no interest and 100 % principal forgiveness (\$120 million total). To date phases 1 thru 6 have been completed with State funding that is not related to the \$20 million referenced previously. Phase 4 utilized up to \$40 million including the entire \$20 million of State match. The WIIN funding will also pay approximately \$1.5 million for the Arcadis Asset Management Report, which is utilized for some of the information in this document.

WIIN funds have successfully completed several projects to date. We have completed the Chemical Feed Building which provides necessary chemicals for water distribution throughout the system. This was an important project that upon implementation increased our control over chemical insertion and regulation of the chemicals in the supply pipelines. In addition to this upgrade, the City of Flint completed a new secondary line that provided a backup water supply pipeline in case of emergency. This was also a major accomplishment that proved invaluable when there was a system failure with our primary supplier (GLWA). The timely completion of this project accounted for successful implementation and use of our backup line while repairs were undertaken with the GLWA system. The implementation of our secondary line prevented any possible problematic risk to the water quality and delivery of potable water to our residents.

With WIIN funds we have completed many smaller water main projects, Dupont St., Longway Blvd, Court St. and Atherton Rd. As we look forward toward the future, we are identifying several other projects that are deemed critical to the overall health and protection of the residents of the City of Flint.

CITY OF FLINT, MICHIGAN
PROPOSED USE PLAN FOR REMAINING WIIN FUNDING

<u>PROJECT</u>	<u>DESCRIPTION</u>	<u>TIME FRAME</u>	<u>FINANCIALS</u>
<p><i>NORTHWEST TRANSMISSION MAIN</i></p> <p>(Critical Infrastructure and essential water main necessary for the management of the drinking water distribution process.)</p>	<p><u>Per the Engineering Firm</u></p> <p>Overall project cost of 18 Million Dollars for the entire 4 miles of water main replacement. If we break out the project into the two phases with Phase 1 being the stretch that parallels Dupont from Pasadena south, that is about 1.5 miles, and the second phase being the stretch heading east of Dupont to the water plant, that is about 2.5 miles. Each mile of water main replacement would be about 4.5M when you include all pipe, valves, hydrants, restoration, testing, etc. items.</p>	<p>Phase I January – December 2024</p>	<p><u>Per the Engineering Firm</u></p> <p>\$18 Million Overall Project Cost</p> <p>Phase 1 (1.5 Miles) - \$6,750,000</p>
<p><i>CEDAR STREET RESERVOIR AND PUMP STATION ENGINEERING</i></p> <p>(Critical Water Delivery System Infrastructure)</p>	<p>This involves the upgrade renovation of the Cedar Street Reservoir and Pump Station. It is currently in operation. However, Dort reservoir and pump station are position to be placed in operation while we do repairs and upgrades to Cedar St. This upgrade will ensure that we have additional capacity for the future.</p>	<p>January – December 2024</p>	<p><u>Projected Engineering Cost</u></p> <p>\$865,000</p>
<p><i>REPLACE LEAD SERVICE LINES AT ALL TIER 2 LOCATIONS (BUSINES SERVED BY A LEAD SERVICE LINE)</i></p> <p>(Critical Water Delivery System Infrastructure)</p>	<p>Complete replacement of remaining lead service lines in the city. The city currently uses several of these sites for its sampling pool under the lead and copper rule. Replacement of these approximately 600 service lines will reduce public exposure to lead in drinking water.</p>	<p>January – December 2024</p>	<p><u>Projected Engineering Cost</u></p> <p>\$3,000,000</p>
<p><i>COMPLETE RESTORATION AT LEAD SERVICE LINE REPLACEMENT SITES</i></p> <p>(Critical Water Delivery System Infrastructure)</p>	<p>Complete hard and soft landscaping restoration at approximately 3,000 sites that had a previous replacement.</p>	<p>January – December 2024</p>	<p><u>Projected Engineering Cost</u></p> <p>\$1,000,000</p>

*Prepared/approved by the City of Flint.