

Supplemental Drinking Water State Revolving Fund (DWSRF) Capitalization Grant Quarterly Report

Grant Number: FS00E02091-0	Year: 2019
Quarter: 4	Dates Covered: 7/01/2019 - 9/30/2019

I. Service Line Replacement

A. Milestone Dates

Milestone	Anticipated Date	Completion Date
Development of environmental assessment (EA) with 30-day public comment period by EGLE		March 8, 2017, EA May 8, 2017, EA Supplement
Completion of application for funding by Flint – Part 1		February 22, 2017
Completion of application for funding by Flint – Part 2		April 17, 2017
Completion of application for funding by Flint – Part 3		April 17, 2017
Submittal of bid costs for the project by Flint to EGLE		April 17, 2017
Signed financial agreement between Flint and EGLE		May 17, 2017
	Start Date	Schedule for Completion
Project No. 7421-01 – Service Line Replacement and Restoration Work Complete for Phase 4 Phase 6 ongoing	Phase 4 May 1, 2017 Phase 6 May 1, 2019	Phase 4 Complete Phase 6 December 31, 2019
Project No. 7422-01 – Service Line Replacement costs included only if other funding is exhausted	May 1, 2019	December 31, 2019

B. Number of Service Lines Replaced and Amount of Funds Disbursed to Flint

Year	Quarter	Number of Lines Replaced	Amount of Funds Disbursed
2017	Q3 4/1-6/30	0	\$0
2017	Q4 7/1-9/30	480	\$7,500,318
2018	Q1 10/1-12/31	1,155	\$9,859,904
2018	Q2 1/1-3/31	1,824	\$4,650,443
2018	Q3 4/1-6/30	1,000	\$680,035
2018	Q4 7/1-9/30	24	\$1,359,193
2019	Q1 10/1-12/31	97	\$1,619,508
2019	Q2 1/1-3/31	87	\$490,208
2019	Q3 4/1-6/30	0	\$207,808
2019	Q4 7/1-9/30	0	\$0
Total		4,667	\$27,468,430

Narrative Summary of Project Activities, including issues encountered (if any) involving public concerns.

4,667 lead service lines have been replaced with WIIN funding. Replacement of the service line includes any portion of the service line made of lead or galvanized steel. 1,270 excavations revealed copper to copper lines on both sides of the curb-box so no replacement was necessary. The amounts reported in Section B cover WIIN eligible and funded expenses (lead service line replacements, excavations, hydro excavations, force account, construction engineering, and legal expenses). Other service line replacement work was completed using funding from State of Michigan, and Department of Health and Human Services sources. While our understanding is the City of Flint has excavated and replaced lines in Q4 of 2019, EGLE has not received signed disbursement requests and therefore Table B illustrates 0 lines and \$0 funds disbursed.

II. Distribution System/Transmission Main Improvements

A. Milestone Dates (as provided by the City of Flint)

Milestone	Start Date	Completion Date
Dupont Atherton (NW Trans) Water Main Replacement	August 19, 2019	November 1, 2021
Kearsley Street Water Main Replacement	October 29, 2019	June 1, 2020
Water Quality Monitoring Panels	October 1, 2019	October 31, 2020
Water Meter Replacement	October 1, 2019	June 30, 2020
Chemical Feed Building	March 1, 2020	November 1, 2020
Dort Street Reservoir Improvements Dort Street Pump Station Improvements	December 1, 2019 April 1, 2020	March 30, 2020 December 31, 2020
Court Street Water Main Replacement	March 1, 2020	TBD
Secondary Water Line	March 1, 2020	October 31, 2020
Northwest Transmission Main	March 1, 2020	November 30, 2020
Cedar Street Pump Station	January 1, 2021	June 31, 2021
Miller Road Water Main Replacement	May 1, 2020	TBD
Saginaw Street Water Main Replacement	May 1, 2021	TBD

B. Amount of Funds Disbursed to Flint

Year	Quarter	Amount of Funds Disbursed
2017	Q3 4/1-6/30	\$0
2017	Q4 7/1-9/30	\$0
2018	Q1 10/1-12/31	\$0
2018	Q2 1/1-3/31	\$0
2018	Q3 4/1-6/30	\$0
2018	Q4 7/1-9/30	\$0
2019	Q1 10/1-12/31	\$0
2019	Q2 1/1-3/31	\$1,222,270
2019	Q3 4/1-6/30	\$0
2019	Q4 7/1-9/30	\$0
Total		\$1,222,270

C. Narrative Summary of Project Activities, including the street location and issues encountered (if any) involving public concerns

A draft project plan was public noticed on June 22, 2018. A public hearing was held on July 23, 2018, on the draft project plan. The plan was submitted on July 26, 2018 and includes updates to the distribution system and transmission main improvements. The city requested a scope change to shift funds from water main improvements to extra work under the set-aside grant for corrosion control studies. This was approved via EPA assistance amendment in November of 2018.

III. Set Asides

A. Amount of WIIN Funds Disbursed to Flint

Year	Quarter	Amount of Funds Disbursed
2017	Q3 4/1-6/30	\$0
2017	Q4 7/1-9/30	\$192,973
2018	Q1 10/1-12/31	\$0
2018	Q2 1/1-3/31	\$0
2018	Q3 4/1-6/30	\$243,095
2018	Q4 7/1-9/30	\$330,160
2019	Q1 10/1-12/31	\$195,021
2019	Q2 1/1-3/31	\$132,893
2019	Q3 4/1-6/30	\$397,153
2019	Q4 7/1-9/30	\$250,936
Total		\$1,742,230

B. Status of Asset Management

The Asset Management Plan and required Standard Operating Procedures have been completed.

C. Status of Corrosion Control Plans (including water source subject to study, start dates, and schedules for completion)

Arcadis continues to work on the corrosion control study. Updates provided via monthly EPA/Flint/EGLE Order teleconference.