

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

Grant Number: FS00E02091-0

2020 Quarter 1

10/1/2019 – 12/31/2019

I. Service Line Replacement

A. Milestone Dates

Milestone	Start Date	Completion Date
Environmental assessment (EA) Published		3/8/2017
EA Supplemental Published		5/8/2017
Part I Application Submitted		2/22/2017
Part II Application Submitted		4/17/2017
Part III Application Submitted		4/17/2017
Financial agreement between Flint and EGLE Executed		5/17/2017
Project 7421-01 – Service line replacement and restoration Work (construction)		
Phase 4	5/1/2017	Complete
Phase 6	5/1/2019	7/31/2020
Project 7422-01 – Service line replacement and restoration (needed only if other state/federal funds exhausted)	5/1/2019	7/31/2020

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

Table illustrates number of lines replaced per invoices submitted to EGLE, this is not representative of actual number of lines replaced by the city.

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
2020	Q1 10/1-12/31	0	\$0
Total		4,667	\$27,468,430

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

WIIN funding has reimbursed work related to 4,667 lead/galvanized service line replacements. Replacement 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, indicating no replacement was necessary. The dollar amounts reported in Section B cover WIIN eligible and funded expenses including replacements, restoration, 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 and Q1 of 2020, EGLE has not received 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	8/19/2019	11/1/2021
Kearsley Street Water Main Replacement	10/29/2019	6/1/2020
Water Quality Monitoring Panels	10/1/2019	10/31/2020
Water Meter Replacement	10/1/2019	6/30/2020
Chemical Feed Building	3/1/2020	11/1/2020
Dort Street Reservoir Improvements	12/1/2019	3/30/2020
Dort Street Pump Station Improvements	4/1/2020	12/31/2020
Court Street Water Main Replacement	3/1/2020	TBD
Secondary Water Line	3/1/2020	10/31/2020
Northwest Transmission Main	3/1/2020	11/30/2020
Cedar Street Pump Station	1/1/2021	June 31, 2021
Miller Road Water Main Replacement	5/1/2020	TBD
Saginaw Street Water Main Replacement	5/1/2021	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
2020	Q1 10/1-12-31	\$3,540,065
Total		\$2,317,795

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 with subsequent public hearing held on July 23, 2018. The final project 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
2020	Q1 10/1-12/31	\$0
Total		\$1,742,231

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.