

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

<b>Grant Number:</b> FS00E02091-0	<b>Year:</b> 2018
<b>Quarter:</b> 2	<b>Dates Covered:</b> 1/1/2018 - 3/31/2018

## I. Service Line Replacement

### A. Milestone Dates

Milestone	Anticipated Date	Completion Date
Development of environmental assessment (EA) with 30-day public comment period by MDEQ		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 MDEQ		April 17, 2017
Signed financial agreement between Flint and MDEQ		May 17, 2017
	Start Date	Schedule for Completion
Project No. 7421-01 – Service Line Replacement	May 1, 2017	To be determined; restoration work is weather dependent

### 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	480	\$0
2017	Q4	1,156	\$7,500,318
2018	Q1	1,828	\$9,859,904
2018	Q2	1,002	\$4,650,443
2018	Q3		
2018	Q4		
<b>Total</b>		<b>4,466</b>	<b>\$22,010,665</b>

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

4,466 lead service lines have been replaced with WIIN funding without incident. Replacement of the service line includes full replacement and any portion of the

service line made of lead or galvanized steel. In addition, 1,051 excavations revealed copper to copper lines on both sides of the curb box so no replacement was necessary. The amounts reported above only cover WIIN related expenses (lead service line replacements and legal expenses).

## II. Distribution System/Transmission Main Improvements

### A. Milestone Dates

Milestone	Anticipated Date	Completion Date
Submittal of plans and specifications by Flint to MDEQ		
Approval of plans and specifications by MDEQ	Jan – May 2019	
Development of environmental assessment with 30-day public comment period by MDEQ		
Completion of application for funding by Flint – Part 1		
Completion of application for funding by Flint – Part 2		
Completion of application for funding by Flint – Part 3		
Submittal of bid costs for the project by Flint to MDEQ		
Signed financial agreement between Flint and MDEQ		
	Start Date	Schedule for Completion
Project No. 7423-01 – Dist. System/Trans. Main Imp.	March to July 2019	June 30, 2020

### B. Construction Schedule Snapshot

Project Name	Anticipated Start Date	Schedule for Completion
Northwest Transmission Main (includes Dupont Street)	April 1, 2019	December 31, 2020

### C. Amount of Funds Disbursed to Flint

Year	Quarter	Amount of Funds Disbursed
2017	Q3	\$0
2017	Q4	\$0
2018	Q1	\$0
2018	Q2	\$0
2018	Q3	
2018	Q4	
Total		\$0

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

A draft project plan was submitted to the MDEQ in March 2018 that included updates to the distribution system and transmission main improvements. A portion of the distribution system work will be coordinated with future lead service line replacements using WIIN funds. Construction has been prioritized for the Northwest Transmission Main.

### III. Set Asides

#### A. Amount of WIIN Funds Disbursed to Flint

Year	Quarter	Amount of Funds Disbursed
2017	Q3	\$0
2017	Q4	\$192,972.74
2018	Q1	\$0
2018	Q2	\$243,094.83
2018	Q3	
2018	Q4	
<b>Total</b>		
		<b>\$436,067.57</b>

#### B. Status of Asset Management

Additional GIS support was provided to the city to enhance their asset management efforts.

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

Corrosion control loop studies have begun with significant comments received from EPA Region 5. Arcadis completed their distribution system hydraulic modeling and model calibration.