

**Flint Drinking Water Contracts
as of February 26, 2018**

Funding commitments have been made for the following contracts to address drinking water issues in the City of Flint under Paragraph 60 of the Emergency Administrative Order. This document also includes a section on pending contracts, which may require additional steps in order to secure the contract.

Existing Contracts

1. Arcadis – Water Distribution System Optimization

Tasks	Conduct an analysis of distribution system practices, assessment of corrosion control treatment, analysis of resources and needs, and development and implementation of an asset management plan.
Contract Owner	City of Flint
Amount	\$816,987.16 + \$819,490 + \$680,437 = \$2,316,914.16
Effective Dates	September 1, 2016 – December 31, 2018
Status	<p>The Revised Total Coliform Rule monitoring plan has been completed; operational practices have been evaluated and recommendations developed; staffing costs and needs were being developed, as were SOPs. The final optimization plan is expected late summer or early fall. In addition, the coupon test part of the corrosion control study is underway.</p> <p>Arcadis submitted a change order request for \$819,490 to implement part of the corrosion control plan and asset management. This was approved by City Council on 2/13/2017. RTAB approved in March 2017. Funding for this change order is from WIIN set-aside. This grant amendment was executed 6/13/2017. Change Order #2 for model calibration, loop testing, and GIS asset management assistance in the amount of \$680,437 was approved by city council on 11/ 27/2017. RTAB approved Change Order #2 on 12/20/2017, along with an appropriate budget amendment. Funding for CO#2 will come from the WIIN set-aside.</p>

2. Nicholas Pizzi - Operator Trainer

Tasks	Provide training and advisement for all staff, including operators and managers, involved in the City of Flint drinking water operations. Most classes will be held at the Flint water treatment plant or distribution service center.
Contract Owner	State of Michigan
Amount	Amount: \$125,124.
Effective Dates	September 1, 2016 – June 30, 2018
Status	Training is complete unless the City chooses an option other than the one presented by the Mayor. On 6/5/2017, Nick submitted a

	change order request for an additional \$12,302.75 and time extension to provide additional training at the treatment plant. The amendment was signed by the DEQ on June 16, 2017. As of July 28, 2017, Nick had taught classes on jar test calculations, hands-on jar testing, chemical feeds, distribution math, lime softening practice math, and ion exchange practice match. An amendment was completed on August 31, 2017 to add \$18,875 to the grant and extend the end date to November 30, 2017. An amendment was processed on December 6, 2017 to extend the time frame to June 30, 2018 and add \$44,213.
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3. John S Young Jr, LLC – Project Manager/Engineer

Tasks	<p>Manage the engineering consultant (Arcadis) performing the Distribution System Optimization; develop the scope of work required for the delivery and treatment of raw water; solicit consultant proposals for the work to be completed; and manage projects through design, permitting, and construction.</p> <p>Additional tasks were added to include working to obtain approvals for water source selection, develop request for proposal and hire this firm, manage the program manager, conduct rate study, provide resources to the city as needed, and assist with compliance monitoring and reporting decision making.</p>
Contract Owner	State of Michigan
Amount	\$220,000
Effective Dates	September 1, 2016 – February 28, 2018
Status	Work is underway on all tasks above. The contract was increased on May 1, 2017 by \$50,000 to accommodate the additional tasks described above. An amendment was completed on August 29, 2017 to add \$50,000 to the grant and extend the end date to February 28, 2018. DEQ is exploring funding to extend this contract through the life of the EPA Order.

4. CDM Smith - Water Treatment Plant Improvement Plan

Tasks	Analysis of needed water treatment plant infrastructure upgrades, proposed chemical systems, and specifications for backup water supply
Contract Owner	State of Michigan
Amount	\$616,895
Effective Dates	November 15, 2016 – January 31, 2018
Status	CDM Smith's initial report including the recommended upgrades and next steps was submitted by the due date of December 20, 2016. Given the final water source decision, unfinished work includes three chemical feed systems. On December 26, 2017 the contract was extended through January 31, 2018 to allow for additional time for project completion.

5. *City of Flint – WIIN/DWRF Loan

Tasks	Removal and replacement of up to 6,000 lead or galvanized service lines and hydrovac testing of 4,500 service lines
Contract Owner	City of Flint
Amount	\$40,000,000
Effective Dates	May 1, 2017 – anticipated completion by December 8, 2017.
Status	Loan was executed May 18, 2017. Construction work began May 1, 2017. Loan is 100% principal forgiveness. Service line replacement work is complete, restoration work remains in progress. Restoration is weather dependent, anticipated completion is Spring of 2018.

6. Genesee County Drain Commission – Connector Pipe Construction

Tasks	Complete connection between Genesee County and its customers while the city still receives treated water from the Great Lakes Water Authority.
Contract Owner	City of Flint/Genesee County/State of Michigan
Amount	Estimated at \$15 million (DEQ will fund \$7.5 million)
Effective Dates	Construction began May 1, 2017. Contract runs through February 28, 2018.
Status	Construction in progress. Grant agreement signed by the DEQ on June 22, 2017 for \$4.2 million and amendment for additional \$3.3 million was signed by the DEQ on August 15, 2017. On January 2, 2018, amendment was signed to extend the grant through February 28, 2018 to allow for full project completion.

7. City of Flint – CHIP Funding

Tasks	The City of Flint received roughly \$4M in CHIP funding from the State DHHS to support the fourth phase of service line replacement for applicable homes. Phase V service line replacement will include \$8M of CHIP funds.
Contract Owner	City of Flint
Amount	\$4M (phase IV) and \$8M (phase V)
Effective Dates	May 1, 2017 – Sept 30, 2018.
Status	The City will launch the fifth phase of service line replacement work in the spring 2018.

8. Master Agreement between City of Flint, MDEQ, GCDC, GLWA & KWA – Long Term Water Supply

Tasks	Long term water source agreement commencing December 1, 2017
Contract Owner	City of Flint
Amount	
Effective Dates	December 1, 2017 through November 30, 2047

Status	All the above parties entered into the agreement with the final approval coming from the GLWA Board on November 29, 2017.
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9. AECOM

Tasks	Program Management Services
Contract Owner	City of Flint
Amount	\$5,054,671.00
Effective Dates	December 1, 2017 through November 30, 2018 (or upon completion of assigned tasks)
Status	This company will complete all tasks necessary to close out Phase IV of the lead service line replacement project, along with planning and managing of Phase V service line replacements, prepare the intended project plan for submission to the SOM. This contract is being funded by WIIN and other State funding sources.

Pending Contracts

Funding will need to be identified for each of the following contracts once the project scope and amount needed is determined.

10. TBD - Water Treatment Plant Infrastructure Upgrades

Tasks	Complete Water Treatment Plant upgrades
Contract Owner	City of Flint
Amount	TBD
Effective Dates	TBD
Status	Proposed chemical feed project to be included in the City's WIIN/DWRF project plan – draft submittal target of Feb 2018.

11. TBD - Backup Water Supply

Tasks	Complete 5.5-mile connector pipe to GCDC
Contract Owner	City of Flint
Amount	TBD
Effective Dates	TBD
Status	Proposed project constructing connection to GCDC will be included in City's WIIN/DWRF project plan- draft submittal target of Feb 2018.

12. TBD – Water Meter Project

Tasks	Replacement of residential and commercial water meters
Contract Owner	City of Flint
Amount	TBD
Status	Proposed project to replace at least 11,000 top priority commercial and residential water meters. This includes the both meters and

	transponders for remote reads. The project will include analyzing the 30K+ meters currently in the field and determining replacement needs beyond the 11K high-priority replacement. It is the intent of the city to confirm ability to use WIIN funding for this project and start in FY2018 and complete over an 18- to 24-month timeframe. City intends to include meter work in project plan being developed for WIIN funding.
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13. Zito Construction

Tasks	Pavement/right-of-way repair/restoration services after service line repair in zones 2,4,8 and 10
Contract Owner	City of Flint
Amount	\$5,344,200 + 1,159,650 + \$290,400 = \$6,794,250
Effective Dates	4/12/2017 – 12/31/2017
Status	This Contract is being funding with WIIN funds.* The contract was fully executed ~ 4/12/2017. Project started in coordination with service line projects. On October 12, 2017, RTAB approved a resolution to perform additional restoration work in an amount of \$290,400 (award was done based on additional work being awarded to Goyette). These services are seasonal, and the work will cease for the winter, however, the City will process appropriate paperwork to extend these services upon confirmation that work performed next year will continue to be WIIN and CHIP eligible.

14. City of Flint Restoration - local unions AFSCME 1600 and 1799.

Tasks	Pavement/right-of-way repair/restoration services after service line repair in zones not covered by Zito Construction.
Contract Owner	City of Flint
Amount	\$4,776,900
Effective Dates	4/12/2017 – 12/31/2017
Status	This work is ongoing. These services are seasonal, and the work will cease for the winter, however, the City will process appropriate paperwork to extend these services upon confirmation that work performed next year will continue to be WIIN and CHIP eligible.

15. Goyette Mechanical

Tasks	Service line replacement: up to 2,100 in zones 2,3,6 and 8
Contract Owner	City of Flint
Amount	\$9,418,500 + \$1,320,000 = \$10,738,500
Effective Dates	4/12/2017 – 12/31/2017
Status	This Contract is being funded with WIIN funds.* The contract was executed on ~ 4/12/2017. Work began in early May 2017. A change order was approved by RTAB on October 20, 2017 to perform additional service line replacements. Project is undergoing

	close-out.
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16. Waldorf & Sons

Tasks	Service line replacement: up to 600 in zone 4
Contract Owner	City of Flint
Amount	\$2,335,950
Effective Dates	4/12/2017 – 12/31/2017
Status	This Contract is being funding with WIIN funds.* The contract was fully executed ~ 4/12/2017. Work began in early May 2017. Project is undergoing close-out.

17. Lang Constructors, Inc.

Tasks	Service line replacement: up to 600 in zone 10
Contract Owner	City of Flint
Amount	\$1,890,675
Effective Dates	4/12/2017 – 12/31/2017
Status	This Contract is being funding with WIIN funds.* The contract was fully executed ~ 4/12/2017. Work began in early May 2017. Project is undergoing close-out.

18. WT Stevens Construction, Inc.

Tasks	Service line replacement: up to 2,700 in zones 1,3,5,7 and 9
Contract Owner	City of Flint
Amount	\$10,980,000
Effective Dates	4/12/2017 – 12/31/2017
Status	This Contract is being funding with WIIN funds.* The contract was fully executed ~ 4/12/2017. Work began in early May 2017. Project is undergoing close-out.

Closed Contracts

19. Genesee County Drain Commissioner

Tasks	Provide lead service lead replacements at two addresses in Mount Morris
Contract Owner	City of Flint
Amount	\$11,000
Effective Dates	4/01/2017 – 09/30/2017
Status	Grant agreement between the county and the state was completed. The City removed 2 lines and sent them to the Flint Water Treatment plant. The grant was finalized and closed on August 30, 2017 with \$1,670 unspent.

20. Great Lakes Water Authority – Water Supply – Short-term

Tasks	Support water service costs for the City of Flint to utilize Great Lakes Water Authority water from October 2015 – December 2016.
Contract Owner	City of Flint
Amount	\$17,800,000
Effective Dates	Current City Contract: July 1, 2016 – June 30, 2017. The City Council voted on 6/26/2017 to extend this contract through September 2017. This was approved by RTAB on 6/27/17. State Funding: October 2015 - December 31, 2016. A 30-day extension was approved in September for October 1 – October 31. A second 30-day extension through November 30, 2017 was approved by City Council on October 27, 2017. A special RTAB meeting was scheduled for October 31, 2017.
Status	The State has paid \$9.9 million appropriated in PA 143 of 2015 and PA 268 of 2016. The Mott Foundation has also contributed \$4 million. The DEQ will provide the final \$3.9 million authorized in PA 268 of 2016 to GLWA in October 2016. A draft contract with GLWA was published on the City's web site in mid-May 2017. The State notified the City of Flint on 2/7/2017 that the State will no longer fund Water Supply payments for the City.

21. ML Chartier Excavating

Tasks	Conduct hydrovaccing to identify service line types.
Contract Owner	City of Flint
Amount	\$700,000
Effective Dates	Contract includes a Notice to Proceed upon signature of the contract. Completion date is 9/30/2017. A change order was executed to extend the completion date to 12/31/17.
Status	Contract executed on 5/8/17, approved by RTAB 6/14/17.

22. Dependable Sewer Cleaner

Tasks	Conduct hydrovaccing to identify service lines types.
Contract Owner	City of Flint/Genesee County/State of Michigan
Amount	\$550,000
Effective Dates	Contract includes a Notice to Proceed upon signature of the contract. Completion date is 9/30/2017. A change order was executed to extend the completion date to 12/31/17.
Status	Contract executed on 5/8/17, approved by RTAB 6/14/17.