

**Flint Drinking Water Contracts
as of January 31, 2019**

This document illustrates funding commitments that have been made to address drinking water issues in the City of Flint. The document format was updated the end of June 2018 to reflect contracts/grants managed by the State of Michigan and contracts owned/managed by the City. The City has provided the information and updates for their managed grants.

State of Michigan Grants

1. 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 Managing Agent	State of Michigan (DEQ)
Amount	\$382,000
Effective Dates	September 1, 2016 – September 30, 2019
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. An amendment was executed in March to increase the contract by \$42,000 and to extend the grant from February 28, 2018 to September 30, 2018. An amendment was processed on September 11, 2018 to extend the grant through September 30, 2019 and add \$120,000.

2. 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 Managing Agent	State of Michigan (DEQ)
Amount	\$616,895
Effective Dates	November 15, 2016 – January 31, 2019
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, 2019 to allow for additional time for project completion.
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3. WIIN/DWRF Loan

Tasks	Removal and replacement of up to 6,000 lead or galvanized service lines and hydrovac investigation of 4,500 service lines
Contract Managing Agent	State of Michigan (DEQ)
Amount	\$40,000,000
Effective Dates	May 1, 2017 – anticipated completion by December 2019.
Status	Loan was executed May 18, 2017. Construction work began May 1, 2017. Loan is 100% principal forgiveness. Service line replacement work remains in progress for one contractor and should be completed by December 2019. City was unable to exhaust this funding during 2018 service line replacement – funding to be exhausted through service line excavation/replacement and restoration in 2019.

4. WIIN/DWRF Loan

Tasks	Water infrastructure improvements; Secondary Water Source, Dort and Cedar St Reservoir and Pump Stations, Chemical Feed Building, Northwest Transmission Main, water main replacements, water meter replacements, water quality monitoring, service line replacement contingency
Contract Managing Agent	State of Michigan (DEQ)
Amount	\$77,740,825 loan with 100% principal forgiveness
Effective Dates	December 2018 to completion
Status	Loan closed in December 2018, city is working on securing design service contracts for proposed projects.

5. 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 as will Phase VI.
Contract Managing Agent	State of Michigan (DHHS)
Amount	\$8M (fiscal year 2017) and \$8M (fiscal year 2018) and \$5M (fiscal year 2019)
Effective Dates	May 1, 2017 – Sept 30, 2019
Status	\$4M was utilized out of the \$8M available for FY 2017. Accounting for FY18 is near completed. DHHS is awaiting final reimbursement requests. Payouts for FY18 requests not yet received by the city. Funding for fiscal year 2019 was awarded to Flint the end of September 2018.

6. State Funding – Phase V SLR

Tasks	Removal and replacement of up to 6,000 lead or galvanized service lines.
Contract Managing Agent	City of Flint
Amount	\$29,000,000
Effective Dates	May 8, 2018 – December 31, 2019
Status	Grant agreement for initial \$9M was executed on May 23, 2018. It is anticipated this grant amount will increase per the Concerned Pastors Settlement Agreement once legislative approval for release of funds is available. An amendment was completed to extend the grant through December 31, 2019 and to increase it by \$20 million. This amendment will cover Phase V and VI service line replacement costs, increasing the number of lines excavated and replaced.

7. Water Residential Assistance Program Grant – Phase 1

Tasks	Assist the City with drinking water billing relief to residential accounts
Contract Managing Agent	City of Flint
Amount	\$51,900
Effective Dates	September 1, 2018 – September 30, 2019
Status	Grant agreement was signed and finalized on October 15, 2018. Awaiting City Council approval and first drawdown of funds.

City of Flint 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 + \$759,175 = \$3,076,089.16
Effective Dates	September 1, 2016 – December 31, 2019
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</p>

	<p>#2 on 12/20/2017, along with an appropriate budget amendment. Funding for CO#2 will come from the WIIN set-aside.</p> <p>Change Order #3 was approved by the Flint City Council on November 29, 2018. This was for \$759,175. This amendment will cover additional pipe loop corrosion control studies. The amendment has been fully executed by both the city and state.</p>
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2. 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.

3. Program Management - AECOM

Tasks	Program Management Services
Contract Owner	City of Flint
Amount	\$6,156,148
Effective Dates	December 1, 2017 through December 31, 2018 (or upon completion of assigned tasks)
Status	AECOM will complete all tasks necessary to close out Phase IV of the lead service line replacement project, along with planning, managing, and oversight of Phase V service line replacements and prepare the DWRF project plan for submission to the DEQ. This contract is anticipated to be partially funded by WIIN and other State funding sources, depending upon work completed. On December 10, 2018, Flint City Council approved a change order to the AECOM contract in the amount of \$1,101,477, allowing AECOM to continue oversight of SLR through end-of-year. AECOM will work until the \$6,156,148 worth of funding is exhausted.

4. Zito Construction

Tasks	Phase IV. Pavement/right-of-way repair/restoration services after service line replacement 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 – 11/30/2018
Status	This Contract is being funding with WIIN and CHIP funds. The contract was fully executed April 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, 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. On Monday,

	March 26, 2018 the City Council approved the contract extension to September 30, 2018. On October 8, 2018 City Council extended the contract to November 30, 2018.
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5. 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 - 11/30/2018
Status	This work is ongoing and funded with WIIN and CHIP funds. 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. The City Council approved the contract extension to September 30, 2018. On October 8, 2018 City Council extended the contract to November 30, 2018.

6. Goyette Mechanical

Tasks	Phase IV 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 for Phase IV was funded with WIIN funds. The contract was executed on April 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.

7. Goyette Mechanical

Tasks	Phase V Service line replacement: Zones 9 and 10
Contract Owner	City of Flint
Amount	\$5,626,830 Pending complete Disbursement of funding from the State of Michigan’s Department of Environmental Quality per Concerned Pastor’s settlement agreement. \$1,899,451 is the amount awarded per the States initial \$9 million grant with an additional \$854,753 to be added from the CHIP grant via MDHHS in September
Effective Dates	5/24/2018 – December 31, 2018
Status	This Contract for Phase V is being funded by the State of Michigan per the Concerned Pastors Settlement Agreement. The contract was executed on 5/24/18. Work began in June 2018. A no-cost change order was issued effective January 2019 to introduce federal procurement standards allowing the remaining work to be funded with WIIN funding.

8. Goyette Mechanical – Restoration Services

Tasks	Complete restoration services in eight zones
Contract Owner	City of Flint
Amount	\$11,864,576
Effective Dates	TBD
Status	The City has approved this contract and restoration has begun. It is anticipated that the restoration will continue through June 2019.

9. Waldorf & Sons

Tasks	Phase IV Service line replacement: up to 600 lines 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 April 12, 2017. Work began in early May 2017. Project is undergoing close-out.

10. Waldorf & Sons

Tasks	Phase V Service line replacement: Zone 8
Contract Owner	City of Flint
Amount	\$2,648,020 (Pending complete Disbursement of funding from the State of Michigan's Department of Environmental Quality per Concerned Pastor's settlement agreement) (\$893,893 is the amount awarded per the States initial \$9 million grant with an additional \$402,252 to be added from the CHIP grant via MDHHS in September.)
Effective Dates	5/24/18 – 12/31/2018
Status	This Contract for Phase V is being funded by the State of Michigan per the Concerned Pastors Settlement Agreement. The contract was executed on May 24, 2018. Work began in June 2018. A no-cost change order was issued effective January 2019 to introduce federal procurement standards allowing the remaining work to be funded with WIIN funding.

11. Lang Constructors, Inc.

Tasks	Phase IV 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 April 12, 2017. Work began in early May 2017. Project is undergoing close-out.

12. Lang Constructors, Inc.

Tasks	Phase V Service line replacement: Zones 1 & 2
Contract Owner	City of Flint
Amount	\$4,855,000 (Pending complete Disbursement of funding from the State of Michigan's Department of Environmental Quality per Concerned Pastor's settlement agreement) (\$1,638,904 is the amount awarded per the States initial \$9 million grant with an additional \$737,507 to be added from the CHIP grant via MDHHS in September.)
Effective Dates	5/24/2018 - 12/31/2018
Status	This Contract for Phase V is being funded by the State of Michigan per the Concerned Pastors Settlement Agreement. The contract was fully executed ~ May 24, 2018. Work began June 2018. A no-cost change order was issued effective January 2019 to introduce federal procurement standards allowing the remaining work to be funded with WIIN funding.

13. WT Stevens Construction, Inc.

Tasks	Phase IV 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	4/15/2017 – 6/30/2018
Status	This Contract is being funding with WIIN funds.* The contract was fully executed ~ 4/12/2017. Work began in early May 2017 and continues as not all work was completed in 2017. Projected completion date is June 30, 2018. (Note that the contract does not have a termination date, but the current PO is set to expire on June 30, 2018).

14. WT Stevens Construction, Inc.

Tasks	Phase V Service line replacement: Zones 3, 4, 5 and 6
Contract Owner	City of Flint
Amount	\$11,048,000 (Pending complete Disbursement of funding from the State of Michigan's Department of Environmental Quality per Concerned Pastor's settlement agreement) (\$3,729,613 is the amount awarded per the States initial \$9 million grant with an additional \$1,678,326 to be added from the CHIP grant via MDHHS in September.)
Effective Dates	5/24/2018 – 12/31/2018
Status	This Contract for Phase V is being funded by the State of Michigan per the Concerned Pastors Settlement Agreement. The contract was fully executed ~ May 24, 2018. Work began June 2018. A no-cost change order was issued effective January 2019 to introduce federal procurement standards allowing the remaining work to be funded with WIIN funding.

15. Super Construction

Tasks	Phase V Service line replacement: Zone 7
Contract Owner	City of Flint
Amount	\$2,482,850 (Pending complete Disbursement of funding from the State of Michigan’s Department of Environmental Quality per Concerned Pastor’s settlement agreement) (\$838,136 is the amount awarded per the States initial \$9 million grant with an additional \$377,162 to be added from the CHIP grant via MDHHS in September.)
Effective Dates	5/24/2018 – 12/31/2018
Status	This Contract for Phase V is being funded by the State of Michigan per the Concerned Pastors Settlement Agreement. The contract was fully executed ~ 5/24/2018. Work began June 2018. A no-cost change order was issued effective January 2019 to introduce federal procurement standards allowing the remaining work to be funded with WIIN funding.

16. Martha Brown Custom Builders, LLC

Tasks	Conduct hydrovaccing to identify service line types
Contract Owner	City of Flint
Amount	\$2,034,618 – initial contract not to exceed \$678,206
Effective Dates	3/13/2018 – 12/31/18
Status	This Contract is being funded by WIIN and State funds. The contract was partially executed ~ 3/13/18. The initial contract shall not exceed \$678,206. Work began the middle of March. Notice to proceed letter for restoration of addresses found to be copper by Martha Brown given in October 2018. Expected completion date is March 2019.

17. F&V Operations, LLC – Laboratory Services

Tasks	Provide supervisory staff and an Operator in Charge (OIC) for the City of Flint water plant laboratory.
Contract Owner	City of Flint
Amount	\$333,744 per year, with an annual increase of 3% annually for 5 years, for a total of \$1,771,892.22 (in combination with item #17)
Effective Dates	October 1, 2018 through September 30, 2023
Status	The city plans to enter into the contract effective September 28, 2018. The contract has been signed with countersignature expected very shortly.

18. F&V Operations, LLC – Water Plant Operator Assistance

Tasks	Provide certified (D1 Michigan municipal certification) City of Flint Water Plant Operator Assistance service.
Contract Owner	City of Flint
Amount	\$333,744 per year for 5 years, for a total of \$1,668,720 (included in contract with F & V Operations LLC – Laboratory Services, see #16)
Effective Dates	October 1, 2018 through September 30, 2023

Status	The city plans to enter into the contract effective September 28, 2018. The contract has been signed with countersignature expected very shortly.
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City of Flint Pending Contracts

19. TBD - Water Treatment Plant Infrastructure Upgrades

Tasks	Complete Water Treatment Plant upgrades
Contract Owner	City of Flint
Amount	TBD
Effective Dates	TBD
Status	Chemical feed project was included in the City's WIIN/DWRF project plan – first draft of project plan was submitted to the SOM in March 2018. Final draft project plan expected in July.

20. 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 was included in City's WIIN/DWRF project plan- first draft of project plan was submitted to the SOM in March 2018. Final draft project plan expected in July

21. 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. Draft project plan submitted to SOM in March 2018 listing \$18M request for meter replacement. Final draft project plan expected in July.

22. CDM Smith

Tasks	Complete design of the Chemical Feed Building for the Water Plant
Contract Owner	City of Flint
Amount	\$486,300
Effective Dates	December 2018 – March 2019
Status	The City has approved the ability to enter into a contract with CDM Smith to finish the design of the Chemical Feed Building. The City is finalizing the contract terms but expects the design to be complete per the schedule provided to the EPA and MDEQ (March 2019).

Closed Contracts

1. 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.

2. 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.

3. 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.

4. 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.

5. 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. The grant was fully spent and closed on February 23, 2018.

6. 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 Managing Agent	State of Michigan (DEQ)
Amount	Amount: \$171,834
Effective Dates	September 1, 2016 – December 31, 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

	<p>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. An amendment was processed on June 21, 2018 to extend the time frame to September 30, 2018 and add \$41,800. An amendment was processed on September 11, 2018 to extend the time frame to September 30, 2019 and add \$4,910. On November 28, 2018 the state modified the end date to now be December 31, 2018 as the funding has been fully exhausted.</p>
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