

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. George W. Kuhn Drain
2. Acacia Park CSO Drain
3. Birmingham CSO Drain
4. Bloomfield Village CSO Drain
5. Clinton River Water Resource Recovery Facility
6. Evergreen-Farmington Sanitary Sewer Drain
7. Caddell Drain
8. Earlmoor Drain
9. Guyer Drain
10. Holland Drain
11. Jensen Drain
12. Joseph Jones Drain
13. Mainland Drain
14. Nichols Relief Drain

NOTICE IS HEREBY GIVEN THAT MEETINGS OF THE DRAINAGE BOARD FOR THE ABOVE-MENTIONED DRAINS WILL COMMENCE IN THE OAKLAND COUNTY PUBLIC WORKS BUILDING, ONE PUBLIC WORKS DRIVE, WATERFORD, MICHIGAN, AND VIA **MICROSOFT TEAMS** AT 2 P.M., ON **TUESDAY, JULY 23, 2024**, TO CONDUCT NECESSARY AND APPROPRIATE BUSINESS OF THE DRAINAGE BOARDS. THOSE WHO WISH TO PARTICIPATE REMOTELY MAY FOLLOW THE INSTRUCTIONS ATTACHED TO THIS NOTICE. ALL BOARD MEMBERS WILL BE PARTICIPATING IN-PERSON.

DURING THE MEETING, THERE WILL BE AN AGENDA ITEM FOR PUBLIC COMMENT, DURING WHICH THE PUBLIC MAY PROVIDE INPUT OR ASK QUESTIONS OF THE BOARD. IN THE EVENT A MEMBER OF THE PUBLIC WOULD LIKE TO SUBMIT THEIR INPUT OR QUESTIONS TO BE READ AT THE MEETING BY THE BOARD CHAIRPERSON, PLEASE PROVIDE THE INPUT OR QUESTIONS IN WRITING TO STEPHANIE LAJDZIAK AT LAJDZIAKS@OAKGOV.COM. PERSONS WITH DISABILITIES WHO NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT STEPHANIE LAJDZIAK AT LAJDZIAKS@OAKGOV.COM.

JIM NASH
Oakland County Water Resources Commissioner
Telephone: 248-858-0958

Posted by: July 17, 2024

Microsoft Teams meeting

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Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, July 23, 2024

1. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Meadowbrook Insurance Proposal for 24-25 Insurance Program
5. Present Memorandum from Steve Korth, P.E., Chief Manager, dated July 23, 2024, requesting the Board distribute GLWA Highland Park Bad Debt Recovery credit directly to the Drainage District's customers in the amount shown in the supporting documentation
6. Present Memorandum from Jen Cook P.E., Civil Engineer III, dated July 23, 2024, requesting the Board receive and file the HomeGuard Program update
7. Present Change Order No. 1 for Rolls Mechanical for Construction of the HomeGuard Program for a net decrease in the amount of \$14.00
8. Present Construction Estimate No. 1 for Rolls Mechanical for Construction of the HomeGuard Program in the amount of \$3,450.00
9. Present Construction Estimate No. 2 for TSP Services Inc. for Construction of the GWK Parking Lot and Green Infrastructure – Phase 1 in the amount of \$71,104.74 with a transfer to the Oakland County Treasurer in the amount of \$7,900.53
10. Present Construction Estimate No. 2 for Pipeline Management Company for Construction of the 2024 GWK Sewer Cleaning and Inspection in the amount of \$78,748.74 with a transfer to the Oakland County Treasurer in the amount of \$8,749.86
11. Present Construction Estimate No. 3 for Doetsch Environmental Services for Construction of the 2023 GWK Sewer Cleaning and Inspection in the amount of \$70,677.50
12. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$159,934.64
13. Other business
14. Approve pro rata payment to Drainage Board members
15. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE GEORGE W. KUHN DRAIN**

June 25, 2024

A meeting of the Drainage Board for the George W. Kuhn Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25th day of June 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held May 21, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A memorandum Lynne Seymour, P.E., Chief Engineer, dated June 25, 2024, requesting the Board receive and file the EPA Community Change Grant update was presented. It was moved by Woodward, supported by Nash, to receive and file the EPA Community Change Grant update as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 1 for TSP Services Inc. for construction of the GWK Parking Lot and Green Infrastructure – Phase 1 in the amount of \$38,983.59 with a transfer to the Oakland County Treasurer in the amount of \$4,331.51 was presented. It was moved by Woodward, supported by Nash, to approve Construction Estimate No. 1 for TSP Services Inc. for construction of the GWK Parking Lot and Green Infrastructure – Phase 1 in the amount of \$38,983.59 with a transfer to the Oakland County Treasurer in the amount of \$4,331.51 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 1 for Pipeline Management Company for the 2024 GWK Sewer Cleaning and Inspection project in the amount of \$21,242.12 with a transfer to the Oakland County Treasurer in the amount of \$2,360.24 was presented. It was moved by Woodward, supported by Nash, to approve Construction Estimate No. 1 for Pipeline

Management Company for the 2024 GWK Sewer Cleaning and Inspection project in the amount of \$21,242.12 with a transfer to the Oakland County Treasurer in the amount of \$2,360.24 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 2 for Doetsch Environmental Services for the 2023 GWK Sewer Cleaning and Inspection project in the amount of \$219,313.85 with a transfer to the Oakland County Treasurer in the amount of \$1,036.40 was presented. It was moved by Woodward, supported by Nash, to approve Construction Estimate No. 2 for Doetsch Environmental Services for the 2023 GWK Sewer Cleaning and Inspection project in the amount of \$219,313.85 with a transfer to the Oakland County Treasurer in the amount of \$1,036.40 as presented.

ADOPTED: Yeas - 2
Nays - 0

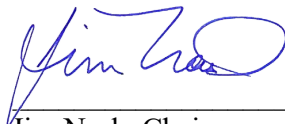
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$102,331.91 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$102,331.91.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

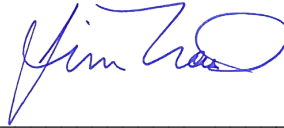


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the George W. Kuhn Drain, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for George W. Kuhn Drain Drainage District.



Jim Nash, Chairperson

Dated: June 25, 2024



George W. Kuhn Drain Drainage District

Building 95 West, One Public Works Drive, Waterford, MI 48328

Insurance Proposal for Public Officials Liability, General Liability, Excess Liability, and Pollution Liability Coverage

**8/1/2024
to
8/1/2025**

(Dated 7/17/24)

Sal Saputo, Executive Vice President

George W. Kuhn Drain Drainage District

8/1/2024 to 8/1/2025

First Named Insured

George W. Kuhn Drain Drainage District

Mailing Address

Building 95 West, One Public Works Drive
Waterford, MI 48328

Location Schedule

- 29132-29142 Stephenson Hwy, Madison Heights, MI 48071
- 20450 Conant, Detroit, MI 48234
- 31353 Dequindre, Madison Heights, MI 48071
- 127 Miles of Pipe (Various Locations)

George W. Kuhn Drain Drainage District

8/1/2024 to 8/1/2025

Premium Summary

POLICIES	EXPIRING 8/1/2023 to 8/1/2024	PROPOSED 8/1/2024 to 8/1/2025
Public Entity Liability Liberty Mutual Fire Ins. Co.	\$93,107 \$1M Per Occurrence Limit \$2M Aggregate Policy Limit \$1M E&O Occurrence Limit \$2M E&O Aggregate Limit \$250k SIR	\$102,096 \$1M Per Occurrence Limit \$2M Aggregate Policy Limit \$1M E&O Occurrence Limit \$2M E&O Aggregate Limit \$250k SIR
Excess Liability \$10M X Primary Layer Liberty Insurance Corporation	\$14,444 \$10M Per Occurrence Limit \$10M Aggregate Limit	\$19,227 \$10M Per Occurrence Limit \$10M Aggregate Limit
Excess Liability \$5M X \$10M Lexington Insurance Company	\$103,525 \$5M Per Occurrence Limit \$5M Aggregate Limit	\$103,525 \$5M Per Occurrence Limit \$5M Aggregate Limit
Excess Liability \$5M X \$15M Westchester Surplus Lines Ins. Co.	\$62,115 \$5M Per Occurrence Limit \$5M Aggregate Limit	\$62,115 \$5M Per Occurrence Limit \$5M Aggregate Limit
Premises Pollution Liability \$10M ACE American Ins. Co.	\$63,111 \$10M Per Event Limit \$10M Aggregate Limit \$250k Deductible	\$65,775 \$10M Per Event Limit \$10M Aggregate Limit \$250k Deductible
TOTAL PREMIUM [1]	\$336,302	\$352,738

[1] This renewal, GWK is experiencing a 4.88% increase over the expiring term.

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairperson
George W. Kuhn Drain Drainage Board

FROM: Steven Korth, P.E., Chief Manager

SUBJECT: GLWA Highland Park Bad Debt Recovery Credits Methodology

DATE: July 23, 2024

The City of Highland Park owed GLWA \$55 million in unpaid water and sewer bills as of January 2024. GLWA, at its June 26, 2024, Board meeting, approved a \$15 million credit to sewer customers related to the Highland Park bad debt. George W. Kuhn Drainage District's portion is \$2,732,300 of the total credit.

The GLWA resolution along with supporting documentation is included with this memorandum.

Recommended Action: Distribute credit directly to the drainage district customers in the amounts shown in the supporting documentation.

Customer

City of Berkley	141,084.11
Village of Beverly Hills	15,296.00
City of Birmingham	107,833.41
City of Clawson	120,466.49
City of Ferndale	211,253.87
City of Hazel Park	83,379.17
City of Huntington Woods	59,067.96
City of Madison Heights	243,957.69
City of Oak Park	297,182.37
City of Pleasant Ridge	30,251.24
City of Royal Oak	668,896.96
Royal Oak Twp	30,137.66
City of Southfield	199,306.50
City of Troy	450,234.89
Detroit Zoological Park	20,066.53
County of Oakland	20,806.93
Rackham Golf Course	4,425.57
State Of Michigan	28,652.65
Total	2,732,300.00

Table 1 - Water System proposed budget amendments and tagging of funds for credits

Water System	FY 2024 Board Adopted Budget	Total 1st Quarter FY 2024 Amendments	FY 2024 Amended Budget	FY 2024 Activity Thru 8/31/2023
Revenues				
Suburban Wholesale Customer Charges	\$ 340,540,600	\$ (4,000,000)	\$ 336,540,600	\$ 61,756,600
Less: Bad Debt Expense	-	-	-	-
Less: Pending Bad Debt Recovery Credit	-	(5,026,500)	(5,026,500)	-
Retail Service Charges	25,537,200	-	25,537,200	4,256,200
Investment Earnings	4,061,700	8,000,000	12,061,700	2,352,800
Other Revenues	175,000	265,000	440,000	236,100
Total Revenues	\$ 370,314,500	\$ (761,500)	\$ 369,553,000	\$ 68,601,700
Revenue Requirements				
Operations & Maintenance Expense	\$ 152,906,400	\$ 10,194,100	\$ 163,100,500	\$ 25,161,400
General Retirement System Legacy Pension	-	-	-	-
Debt Service	159,482,800	3,872,800	163,355,600	26,932,500
General Retirement System Accelerated Pension	3,395,500	(1,890,000)	1,505,500	565,900
Extraordinary Repair & Replacement Deposit	-	-	-	-
Water Residential Assistance Program Contribution	1,851,600	-	1,851,600	308,600
Regional System Lease	22,500,000	-	22,500,000	3,750,000
DWSD Budget Shortfall Pending	-	-	-	-
Receiving Fund Working Capital Requirement	-	1,500,000	1,500,000	-
Improvement & Extension Fund Transfer Pending	30,178,200	(14,438,400)	15,739,800	5,029,700
Total Revenue Requirements	\$ 370,314,500	\$ (761,500)	\$ 369,553,000	\$ 61,748,100
Net Actual to Date	\$ -	\$ -	\$ -	\$ 6,853,600
<i>Regional System Debt Service Coverage Ratio</i>				
- With Credits	1.36	(0.10)	1.26	
- Without Credits	1.36	(0.07)	1.29	

Table 2 - Sewer System proposed budget amendments and tagging of funds for credits

Sewer System	FY 2024 Board Adopted Budget	Total 1st Quarter FY 2024 Amendments	FY 2024 Amended Budget	FY 2024 Activity Thru 8/31/2023
Revenues				
Suburban Wholesale Customer Charges	\$ 282,687,600	\$ -	\$ 282,687,600	\$ 47,142,400
Less: Bad Debt Expense	-	-	-	-
Less: Pending Bad Debt Recovery Credit	-	(15,000,000)	(15,000,000)	-
Retail Service Charges	196,569,600	-	196,569,600	32,761,600
Industrial Waste Control Charges	8,584,200	-	8,584,200	1,437,400
Pollutant Surcharges	5,328,300	-	5,328,300	554,800
Investment Earnings	7,057,300	9,000,000	16,057,300	3,236,300
Other Revenues	400,000	317,000	717,000	362,000
Total Revenues	\$ 500,627,000	\$ (5,683,000)	\$ 494,944,000	\$ 85,494,500
Revenue Requirements				
Operations & Maintenance Expense	\$ 205,643,700	\$ 14,484,700	\$ 220,128,400	\$ 34,669,500
General Retirement System Legacy Pension	-	-	-	-
Debt Service	228,328,300	3,836,900	232,165,200	38,705,900
General Retirement System Accelerated Pension	6,479,300	(3,382,500)	3,096,800	1,079,900
Extraordinary Repair & Replacement Deposit	-	-	-	-
Water Residential Assistance Program Contribution	2,503,100	-	2,503,100	417,200
Regional System Lease	27,500,000	-	27,500,000	4,583,300
DWSD Budget Shortfall Pending	-	-	-	-
Improvement & Extension Fund Transfer Pending	30,172,600	(20,622,100)	9,550,500	5,028,800
Total Revenue Requirements	\$ 500,627,000	\$ (5,683,000)	\$ 494,944,000	\$ 84,484,600
Net Actual to Date	\$ -	\$ -	\$ -	\$ 1,009,900
<i>Regional System Debt Service Coverage Ratio</i>				
- With Credits	1.29	(0.11)	1.18	
- Without Credits	1.29	(0.04)	1.25	



Judicial Resource Services PC

Facilitation - Mediation

28800 8 Mile Road, Suite 111
Farmington Hills, MI 48336

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James J. Rashid
Circuit Judge, Retired

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MEDIATION COMMUNICATION

Term Sheet– 10/18/2023

1. The Great Lakes Water Authority (GLWA), the City of Highland Park (HP), and the State of Michigan (SOM) shall enter into a settlement agreement by January 15, 2024 that incorporates the basic terms set forth below including mutually agreeable release language. The various documents referenced and necessary to effectuate this term sheet shall be attached, signed, and incorporated as a part of that agreement by that date. In addition, the Department of Environment, Great Lakes and Energy (EGLE) will either amend or replace its July 28, 2017 Administrative Consent Order (ACO) by January 15, 2024 to incorporate the terms set forth below that are specific to HP.
2. The SOM shall:
 - a. Pay for the reasonable and necessary cost to install water master meter(s) on water lines and sufficient temporary meters to estimate the sewage flow produced by HP. Metro Consulting (Metro) will be responsible for conducting the necessary work to install the meters. EGLE shall oversee that work pursuant to its regulatory authority. Metro will submit a proposal(s) to EGLE for this work, which will include the number and placement location of those meters in accordance with the provisions below. Metro will consult with GLWA in preparing the proposal(s). EGLE must approve in writing any proposal before installation of meters or implementation begins. In addition:
 - i. The water master meter(s) and temporary sewage metering devices will be installed subject to GLWA's specifications.
 - ii. The water master meter(s) shall be installed at all open points of connection between HP and GLWA.
 - iii. Upon transfer, GLWA will own, operate, and maintain the water master meter(s). HP shall be responsible for the cost of maintaining and operating the sewer meters.
 - iv. HP and GLWA shall agree to a third party and procedures to maintain and operate the sewer meters including the sharing of data produced by the meters. If the parties cannot agree to a third party or the procedures associated with operation, SOM shall identify the third party and prescribe the procedures.
 - v. HP shall have the same access to the Wholesale Automated Meter Reading (WAMR) system and Greater Detroit Regional Sewer System (GDRSS) data for the installed HP water and sewer meters as all other customer communities served by GLWA.



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- vi. HP shall have the right to annually inspect the water master meter(s) and sewer meters upon request.
 - vii. Unless otherwise agreed by the parties, the water master meter(s) and sewage metering devices for HP shall be installed within one year of the execution of the settlement agreement and accompanying documents. HP shall provide full access to meter locations to complete the work timely.
- b. Pay for work necessary to complete water main and service line replacement efforts within the boundaries of HP. EGLE shall have responsibility for determining the necessary work, including conducting or supervising this work.
- c. Release the \$25M sewer infrastructure grant funds previously allocated in the FY 2023 budget to GLWA on or before December 31, 2023 and appropriate a \$5M grant for work to be conducted by GLWA on drinking water infrastructure.
3. HP shall continue to retain Metro to operate HP's water and sewer operations, which includes all billing, collections, maintenance, and improvements. If for any reason, Metro ceases to be HP's operator, then subject to SOM's approval, HP will retain another entity to conduct these operations. Subject to all terms and conditions of the settlement agreement and the contract between GLWA and HP, beginning January 1, 2024 and on a going forward basis, HP shall pay the full amount of GLWA's monthly charges pursuant to the terms of any contract between GLWA and HP.
4. HP will enter into contracts based on GLWA's model contract by January 15, 2024 covering the period of January 1, 2014 to December 31, 2044 for water and sewer services.
- i. The settlement agreement and contracts shall require all amounts paid for HP water, sewer (including industrial waste control) and stormwater services be placed into a trust in which the trustee pays GLWA and any remaining amounts to HP on the same date. Any grants or loans from SOM to HP for infrastructure projects shall not be part of or included in the trust.
 - ii. Except to enforce the conditions of this term sheet and the settlement agreement, to the extent that any future disputes arise between HP and GLWA over water and sewer services, which the parties are unable to resolve within 30-days' notice of that dispute, HP and GLWA agree to resolve such disputes through expedited mandatory arbitration pursuant to Michigan statute and court rule that shall be binding upon them. For a charge or billing dispute, the trustee must place in escrow the amount in dispute.



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- iii. Once the master water meter(s) is installed, HP shall be treated as part of the master metered customer class.
 - iv. For five years commencing on the date of this agreement, the model water contract will allow for Highland Park's max day and peak hour water volume demand to be updated annually as Highland Park continues to "dry up" its system by replacing water mains and lead service lines, or completing other infrastructure improvements that would impact Highland Park's water demand requirements.
5. HP and EGLE will either revise the current ACO or replace it with a new one to incorporate the terms set forth in this term sheet that are specific to HP. That ACO shall remain effective and in effect until January 1, 2044 after which it may be terminated if HP has met all of its terms.
6. Until metering data can be used to project water and sewer charges:
- a. For services provided until December 31, 2023, HP will continue to pay or the trustee will pay on HP's behalf 65% of any and all amounts received by HP in payment of bills for water and wastewater treatment services.
 - b. Effective January 1, 2024, subject to and conditioned upon execution by all parties of the settlement agreement by January 15, 2024, GLWA will reduce HP's water charges based on reductions in usage volume due to documented repairs of leaks up to 25 percent of its current water usage.
 - c. Effective January 1, 2024, subject to and conditioned upon execution by all parties of the settlement agreement by January 15, 2024, GLWA will also provide a settlement credit of \$60,000 per month to HP on its sewage charges until June 30, 2024 subject to the following:
 - i. HP may fully participate in GLWA's share and charge process for FY 2025.
 - ii. Beginning July 1, 2024, HP shall receive the lesser of (A) the current FY 2024 sewage charges and credit or (B) the new FY 2025 share and resulting charges.
 - iii. This settlement credit will terminate no later than June 30, 2025.
7. Once 12 months of quality metering data is available to project estimated annual water and sewer flows, GLWA charges to HP shall be based on that data and future data.
8. HP shall increase its water and sewer rates by adopting an interim amended budget no later than December 2023, for the period of January 1, 2024 to June 30, 2024. For all subsequent fiscal years, Metro shall annually retain an independent rate analyst, subject to the approval of the SOM, to calculate necessary adjustments in its water



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and sewer rates to ensure that the budget for HP's water and sewer operations is sufficient to ensure payment of all GLWA charges and all overhead, maintenance, and operational costs associated with its water and sewer operations. The analyst will recommend necessary rates changes to HP and HP shall annually adjust its water and sewer rates in accordance with the recommendations of the rate analyst.

9. Upon effectuation of the settlement agreement, its attachments and related documents, including initial funding consistent with this agreement and after receipt by the trustee of one month of HP's water and sewer receipts and distribution of one month's payment of funds to GLWA under Paragraph 4.i, all litigation between GLWA, Detroit Water and Sewerage Department (DWSD), HP, or SOM shall be dismissed with prejudice according to the following:
 - a. The judgment entered in Wayne County Circuit Court Case No. 2014-001974-CK shall be released or deemed satisfied, and HP shall dismiss its pending appeal from that action (COA Case No. 367193). The court shall retain jurisdiction to enforce the terms of the settlement agreement, which will be entered by the court as a consent judgment.
 - b. HP and GLWA shall submit a proposed stipulated order of dismissal of Wayne County Circuit Court Case No. 20-011589.
 - c. HP shall dismiss its appeal (COA Case No. 362416) from Wayne County Circuit Court Case No. 22-004754-CB and shall release and waive any further challenge to GLWA's rules that were the subject of that action.
 - d. GLWA and SOM shall submit a stipulated order of dismissal of Court of Claims Case No. 2021-000151.
 - e. HP and SOM will submit a proposed stipulated order of dismissal in Court of Claims Case No. 19-000129-MZ.
 - f. HP and GLWA shall submit a proposed stipulated order setting aside the Amended Consent Judgment dated June 18, 1996 in E.D. Mich. Case No. 92-CV7677-DT and 94-CV-73135-DT
10. The \$241,418.75 cash bond deposited by HP with the U.S. District Court Clerk shall be released to GLWA from E.D. Mich. Case No. 16-cv-13840.
11. Upon approval of this term sheet by HP, SOM, and GLWA, not later than October 23, 2023, GLWA and HP shall submit a signed copy of the term sheet to, and submit a request for, a stipulated Stay of the October 24, 2023, Status Conference and all further proceedings in Judge Joseph's Case No. 14-001974 and all appellate proceedings from that case, Case COA Docket No. 367193, until January 15, 2024.
12. Upon execution and approval of this term sheet by HP, SOM, and GLWA, not later than October 27, 2023, GLWA and HP shall submit:



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- a. a signed copy of the term sheet to, and submit a request for, a stipulated Stay of the November 2, 2023, Status conference and all further proceedings in Judge Berry's Case No 20-011589 until January 15, 2024.
 - b. a signed copy of the term sheet to, and submit a request for, a stipulated Stay of Petition for Rehearing in Banc in 6th circuit case no. 22-1288, until January 15, 2024.
 - c. Stipulate to a stay of all proceedings in HP's appeal (COA Case No. 362416) from Wayne County Circuit Court Case No. 22-004754-CB.
13. This term sheet is conditional and dependent upon (a) final approval of terms by the Governor, (b) appropriation of funds from the legislature to the extent necessary, and (c) approval by the governing bodies of GLWA, and any other necessary party on or before October 26, 2023.

City of Highland Park:

Shirley M. Dell
Mayor
10/19/2023

Dated:

Brenda Green
City Clerk
10/19/23

State of Michigan:

[Signature]
Dated: 10/19/23

Great Lakes Water Authority:

Suzanne R. Coffey
Chief Executive Officer
10/20/2023

Dated:

Highland Park Bad Debt Synopsis
Allocation of Potential Subsequent Recovery Credit to **Water and Sewer** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <u>Debt</u>	Initial Recovery <u>Credit</u> <i>(b)</i>	Pending Subsequent Recovery <u>Credit</u> <i>(c)</i>	Total Recovery <u>Credit</u> <i>(3) + (4)</i>
<u>Water Charges</u>					
Macomb	\$1,127,700	21.9%	\$27,400	\$1,100,300	\$1,127,700
Oakland	1,471,900	28.6%	36,100	1,435,800	1,471,900
Wayne <i>(excl. Detroit)</i>	1,516,100	29.4%	36,900	1,479,200	1,516,100
Other	394,600	7.7%	9,700	384,900	394,600
Detroit	642,200	12.5%	15,900	626,300	642,200
Total	\$5,152,500	100.0%	\$126,000	\$5,026,500	\$5,152,500
<u>Sewer Charges</u>					
Macomb <i>(d)</i>	\$8,565,900	24.0%	\$209,900	\$3,603,500	\$3,813,500
Oakland <i>(e)</i>	14,419,900	40.4%	353,500	6,066,200	6,419,600
Wayne <i>(excl. Detroit)</i>	12,670,600	35.5%	310,600	5,330,300	5,640,900
Other	NA	NA	NA	NA	NA
Detroit	NA	NA	NA	NA	NA
Total	\$35,656,400	100.0%	\$874,000	\$15,000,000	\$15,874,000
<u>Combined Water and Sewer Charges</u>					
Macomb <i>(d)</i>	\$9,693,600	23.8%	\$237,300	\$4,703,800	\$4,941,200
Oakland <i>(e)</i>	15,891,800	38.9%	389,600	7,502,000	7,891,500
Wayne <i>(excl. Detroit)</i>	14,186,700	34.8%	347,500	6,809,500	7,157,000
Other	394,600	1.0%	9,700	384,900	394,600
Detroit	642,200	1.6%	15,900	626,300	642,200
Total	\$40,808,900	100.0%	\$1,000,000	\$20,026,500	\$21,026,500
Industrial Waste Control *			0	0	0
			\$1,000,000	\$20,026,500	\$21,026,500

* Highland Park IWC Bad Debt was not directly included in charges to any customer

(a) Reflects different historical time frames for Water and Sewer Charges.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(b) Includes 60% of Sewer amounts for the Oakland Macomb Interceptor Drain District

(c) Includes 40% of Sewer amounts for the Oakland Macomb Interceptor Drain District

Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022	Relative Share of Highland Park Bad Debt	Initial Recovery Credit	Pending Subsequent Recovery Credit	Total Recovery Credit
	(a)		(b)	(c)	(3) + (4)
1 Allen Park	\$33,900	0.66%	\$800	\$33,100	\$33,900
2 Almont Village	3,300	0.06%	100	3,200	3,300
3 Ash Township	11,700	0.23%	300	11,400	11,700
4 Belleville	4,300	0.08%	100	4,200	4,300
5 Berlin Township	10,600	0.21%	300	10,300	10,600
6 Brownstown Township	52,500	1.02%	1,300	51,200	52,500
7 Bruce Township	3,900	0.08%	100	3,800	3,900
8 Burtchville Township	4,700	0.09%	100	4,600	4,700
9 Canton Township	147,400	2.86%	3,600	143,800	147,400
10 Center Line	6,500	0.13%	200	6,300	6,500
11 Chesterfield Township	59,900	1.16%	1,500	58,400	59,900
12 Clinton Township	112,000	2.17%	2,700	109,300	112,000
13 Commerce Township	52,300	1.02%	1,300	51,000	52,300
14 Dearborn	159,100	3.09%	3,900	155,200	159,100
15 Dearborn Heights	52,600	1.02%	1,300	51,300	52,600
16 Eastpointe	21,900	0.43%	500	21,400	21,900
17 Ecorse	21,500	0.42%	500	21,000	21,500
18 Farmington	14,700	0.29%	400	14,300	14,700
19 Farmington Hills	129,600	2.52%	3,200	126,400	129,600
20 Ferndale	14,300	0.28%	300	14,000	14,300
21 Flat Rock	19,500	0.38%	500	19,000	19,500
22 Flint *	162,600	3.16%	4,000	158,600	162,600
23 Fraser	17,500	0.34%	400	17,100	17,500
24 Garden City	24,400	0.47%	600	23,800	24,400
25 Gibraltar	5,400	0.10%	100	5,300	5,400
26 Greenwood Township (DTE)	7,700	0.15%	200	7,500	7,700
27 Grosse Ile Township	16,900	0.33%	400	16,500	16,900
28 Grosse Pt. Park	20,900	0.41%	500	20,400	20,900
29 Grosse Pt. Shores	9,400	0.18%	200	9,200	9,400
30 Grosse Pt. Woods	20,200	0.39%	500	19,700	20,200
31 Hamtramck	10,600	0.21%	300	10,300	10,600
32 Harper Woods	12,200	0.24%	300	11,900	12,200
33 Harrison Township	22,200	0.43%	500	21,700	22,200
34 Hazel Park	10,300	0.20%	300	10,000	10,300
35 Highland Park (d)	0	0.00%	0	0	0
36 Huron Township	21,300	0.41%	500	20,800	21,300
37 Imlay City	19,500	0.38%	500	19,000	19,500
38 Imlay Township (Single User)	100	0.00%	0	100	100

TFG

Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u>	Relative Share of Highland Park Bad <u>Debt</u>	Initial Recovery <u>Credit</u>	Pending Subsequent Recovery <u>Credit</u>	Total Recovery <u>Credit</u>
	(a)		(b)	(c)	(3) + (4)
39 Inkster	20,400	0.40%	500	19,900	20,400
40 Keego Harbor	4,300	0.08%	100	4,200	4,300
41 Lapeer	21,900	0.43%	500	21,400	21,900
42 Lenox Township	4,000	0.08%	100	3,900	4,000
43 Lincoln Park	32,000	0.62%	800	31,200	32,000
44 Livonia	177,500	3.44%	4,300	173,200	177,500
45 Macomb Township	177,700	3.45%	4,300	173,400	177,700
46 Madison Heights	28,200	0.55%	700	27,500	28,200
47 Mayfield Township (KAMAX)	500	0.01%	0	500	500
48 Melvindale	9,200	0.18%	200	9,000	9,200
49 New Haven, Village of	5,700	0.11%	100	5,600	5,700
50 NOCWA	326,400	6.33%	8,000	318,400	326,400
51 Northville	11,800	0.23%	300	11,500	11,800
52 Northville Township	81,900	1.59%	2,000	79,900	81,900
53 Novi	131,200	2.55%	3,200	128,000	131,200
54 Oak Park	19,800	0.38%	500	19,300	19,800
55 Oakland GWK Drain District	1,000	0.02%	0	1,000	1,000
56 Plymouth	15,400	0.30%	400	15,000	15,400
57 Plymouth Township	65,000	1.26%	1,600	63,400	65,000
58 Redford Township	45,700	0.89%	1,100	44,600	45,700
59 River Rouge	9,800	0.19%	200	9,600	9,800
60 Riverview	12,400	0.24%	300	12,100	12,400
61 Rockwood	4,100	0.08%	100	4,000	4,100
62 Romeo	3,600	0.07%	100	3,500	3,600
63 Romulus	58,600	1.14%	1,400	57,200	58,600
64 Roseville	37,900	0.74%	900	37,000	37,900
65 Royal Oak Township	3,000	0.06%	100	2,900	3,000
66 Shelby Township	204,300	3.97%	5,000	199,300	204,300
67 SOCWA	335,500	6.51%	8,200	327,300	335,500
68 South Rockwood	1,600	0.03%	0	1,600	1,600
69 Southgate	32,100	0.62%	800	31,300	32,100
70 St. Clair Shores	43,200	0.84%	1,100	42,100	43,200
71 Sterling Heights	218,300	4.24%	5,300	213,000	218,300
72 Sumpter Township	9,600	0.19%	200	9,400	9,600
73 Sylvan Lake	3,400	0.07%	100	3,300	3,400
74 Taylor	67,000	1.30%	1,600	65,400	67,000
75 Trenton	25,800	0.50%	600	25,200	25,800
76 Troy	197,700	3.84%	4,800	192,900	197,700



Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <i>(b)</i>	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>
77 Utica	8,100	0.16%	200	7,900	8,100
78 Van Buren Township	48,700	0.95%	1,200	47,500	48,700
79 Walled Lake	12,200	0.24%	300	11,900	12,200
80 Warren	148,200	2.88%	3,600	144,600	148,200
81 Washington Township	32,800	0.64%	800	32,000	32,800
82 Wayne	43,500	0.84%	1,100	42,400	43,500
83 West Bloomfield Township	151,800	2.95%	3,700	148,100	151,800
84 Westland	89,300	1.73%	2,200	87,100	89,300
85 Wixom	36,200	0.70%	900	35,300	36,200
86 Woodhaven	24,200	0.47%	600	23,600	24,200
87 Ypsilanti Comm Util Auth	150,400	2.92%	3,700	146,700	150,400
88 Total Suburban Wholesale	4,510,300	87.54%	110,100	4,400,200	4,510,300
89 Detroit	642,200	12.46%	15,900	626,300	642,200
90 TOTAL	\$5,152,500	100.00%	\$126,000	\$5,026,500	\$5,152,500
<u>Summary by County</u>					
Macomb	\$1,127,700	21.89%	\$27,400	\$1,100,300	\$1,127,700
Oakland	1,471,900	28.57%	36,100	1,435,800	1,471,900
Wayne (excl. Detroit)	1,516,100	29.42%	36,900	1,479,200	1,516,100
Other	394,600	7.66%	9,700	384,900	394,600
Detroit	642,200	12.46%	15,900	626,300	642,200
Total	\$5,152,500	100.00%	\$126,000	\$5,026,500	\$5,152,500

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual purchased volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) Highland Park is NOT allocated responsibility for, NOR charged, an amount related to the Water debt they create - as they have never made a payment.

Highland Park Bad Debt Synopsis

Table 2 - Allocation of Pending Subsequent Recovery Credit to **Sewer** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2008 thru FY 2022	Relative Share of Highland Park Bad Debt	Initial Recovery Credit	Pending Subsequent Recovery Credit	Total Recovery Credit
	(a)		(b)	(c)	(3) + (4)
1 OMID	\$8,281,000	23.22%	\$202,900	\$3,483,700	\$3,686,600
2 Rouge Valley	7,420,000	20.81%	181,900	3,121,500	\$3,303,400
3 Oakland GWK	6,495,000	18.22%	159,200	2,732,300	\$2,891,500
4 Evergreen Farmington	4,459,200	12.51%	109,300	1,875,900	\$1,985,200
5 SE Macomb San Dist	3,471,100	9.73%	85,100	1,460,200	\$1,545,300
6 Dearborn	2,769,000	7.77%	67,900	1,164,900	\$1,232,800
7 Grosse Pointe Farms	368,300	1.03%	9,000	154,900	\$163,900
8 Grosse Pointe Park	241,300	0.68%	5,900	101,500	\$107,400
9 Melvindale	192,600	0.54%	4,700	81,000	\$85,700
10 Farmington	153,300	0.43%	3,800	64,500	\$68,300
11 Center Line	126,200	0.35%	3,100	53,100	\$56,200
12 Allen Park	98,200	0.28%	2,400	41,300	\$43,700
13 Highland Park (d)	753,700	2.11%	18,500	317,100	\$335,600
14 Hamtramck	616,200	1.73%	15,100	259,200	\$274,300
15 Grosse Pointe	145,500	0.41%	3,600	61,200	\$64,800
16 Harper Woods	37,500	0.11%	900	15,800	\$16,700
17 Redford Township	24,300	0.07%	600	10,200	\$10,800
18 Wayne County #3	4,000	0.01%	100	1,700	\$1,800
19 Total	\$35,656,400	100.00%	\$874,000	\$15,000,000	\$15,874,000
<u>Summary by County</u>					
Macomb	\$8,565,900	24.02%	\$209,900	\$3,603,500	\$3,813,500
Oakland	14,419,900	40.44%	353,500	6,066,200	6,419,600
Wayne (excl. Detroit)	12,670,600	35.54%	310,600	5,330,300	5,640,900
Other	NA	NA	NA	NA	NA
Detroit	NA	NA	NA	NA	NA
Total	\$35,656,400	100.00%	\$874,000	\$15,000,000	\$15,874,000

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual contributed wastewater volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) Yes, Highland Park is allocated responsibility for, and charged, an amount related to the Sewer bad debt they create - reflecting the partial payments they have made.

Customer

City of Berkley	141,084.11
Village of Beverly Hills	15,296.00
City of Birmingham	107,833.41
City of Clawson	120,466.49
City of Ferndale	211,253.87
City of Hazel Park	83,379.17
City of Huntington Woods	59,067.96
City of Madison Heights	243,957.69
City of Oak Park	297,182.37
City of Pleasant Ridge	30,251.24
City of Royal Oak	668,896.96
Royal Oak Twp	30,137.66
City of Southfield	199,306.50
City of Troy	450,234.89
Detroit Zoological Park	20,066.53
County of Oakland	20,806.93
Rackham Golf Course	4,425.57
State Of Michigan	28,652.65
Total	2,732,300.00

INVOICE

Account Name	OAKLAND COUNTY GWK DD
Account Number	CUS-0000104
Invoice Number	CIN-0000012
Invoice Date	Jul 1, 2024
Due Date	Aug 15, 2024

Billing Inquiries: (313) 965-9775
billing@glwater.org

OAKLAND COUNTY GWK DD
2100 PONTIAC LAKE ROAD
BLDG 41W/3RD FL.
WATERFORD, MI 48328
United States of America

June 2024 Services	
Sewage Disposal	\$3,971,300.00
Bad Debt Recovery Credit	-\$2,732,300.00
TOTAL CURRENT CHARGES \$1,239,000.00	

PAYMENT OPTIONS

By Check
GREAT LAKES WATER AUTHORITY
ATTN: TREASURY
P.O. BOX 441370
DETROIT, MI 48244-1370
Please include remittance with check

By Wire
ABA #: 042000013
Account #: 130121405893
ATTN: GLWA TREASURY
Email remittance information to
treasury@glwater.org

By ACH
ABA #: 021052053
Account #: 88136631
Attn: GLWA TREASURY
Email remittance information to
treasury@glwater.org

.....
PLEASE DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT IF BY CHECK

Account Name	Account Number	Due Date	Amount Due
OAKLAND COUNTY GWK DD	CUS-0000104	Aug 15, 2024	\$1,239,000.00
AMOUNT REMITTED			\$

OAKLAND COUNTY GWK DD
2100 PONTIAC LAKE ROAD
BLDG 41W/3RD FL.
WATERFORD, MI 48328
United States of America

You may access your meter data at GDRSS Portal
gdrss.glwater.org

Obtain a user login by calling (313) 267-1474 or by email at
gdrss@glwater.org

REMIT TO: Great Lakes Water Authority
Attn: Treasury
P.O. Box 441370
Detroit, MI 48244-1370

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson of the George W. Kuhn Drain Drainage Board

FROM: Jen Cook PE, Civil Engineer III

SUBJECT: HomeGuard Program Update

DATE: July 23, 2024

This past May, the George W. Kuhn Drainage Board authorized the award of as-needed plumbing contracts for the HomeGuard Program to Rolls Mechanical, Inc. and B & T General Contracting and Construction Management, Inc (B&T GCCM). The award was contingent upon each contractor completing all insurance and bonding requirements. One of the selected contractors, B&T GCCM, was unable to satisfy the requirements for award and thus has withdrawn its bid.

On July 19, 2024 the HomeGuard Program was officially kicked off with the first home inspections. Inspections and installations are ongoing, a snapshot of the progress from the first two weeks of the program is presented herein:

- 71 applicants, 34 accepted/within pilot area, 37 waitlisted
- 27 inspections scheduled
- 19 inspections completed
- five quotes reviewed and approved by the WRC to schedule installation, two of which have been completed
- Average installation cost ~\$10,700

Requested Actions: Receive and file.

CHANGE ORDER

CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
George W. Kuhn Drain Drainage District
For Construction of the HomeGuard Program
City of Berkley
Oakland County, Michigan**

Authorization for Extras To & Changes In Contract

Department No. : 6010101

Account No. : 730373

Fund No. : 58520

Program No. : 149662

Project No. : 1-7120

Project Activity : STD

Date : July 16, 2024

Vendor No. : 30038

Contractor :

Rolls Mechanical

Contract No. : CON00010963

1490 Torrey Rd., Ste D

Date of Contract : June 13, 2024

Fenton, MI 48430

Completion Date : June 13, 2027

Auth No.	Location-Description-Reason	Unit Used	Est. Qty.	Unit Price	Amount Increase	Amount Decrease
1	LOCATION: Entire project area DESCRIPTION (Change/Add): Change Sump Pump Discharge Piping in Unit Price <div>Original Unit Price</div> <div>Adjusted Unit Price</div> REASON: WRC negotiated final unit prices with both original vendors, after award to only one and based on actual cost for this item, the parties agreed to a new unit price.	Lf	TBD	\$25.00		\$25.00
		Lf	TBD	\$11.00	\$11.00	
				Totals	\$11.00	\$25.00
				Net Decrease	---	\$14.00


**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
George W. Kuhn Drain Drainage District
For Construction of the HomeGuard Program
City of Berkley
Oakland County, Michigan**

Prepared by:  Date: 7/17/2024

Project Engineer - Jen Cook, P.E.

Recommended by:  Date: 7/16/2024

Consultant - James Burton, P.E.

Approved by:  Date: 7-17-2023

Chief Engineer - Evans Bantios, P.E.

The Contractor agrees to do the work described above and agrees to accept payment in full on the basis indicated.

Accepted by:  Date: 07/16/2024

Karly Rolls
Rolls Mechanical

Approved by:  Date: 7/18/2024

Gary Nigro, P.E.
Manager

The Contractor is hereby authorized and instructed to do the work described above in accordance with the terms of the Contract.

This Change Order was approved by the Drainage Board on: _____

CHANGE ORDER

CHANGE ORDER NO. 1

**Jim Nash, Oakland County Water Resources Commissioner
George W. Kuhn Drain Drainage District
For Construction of the HomeGuard Program
City of Berkley
Oakland County, Michigan**

Notice to Proceed Date:		June 13, 2024
Contract Substantial Completion Date:		NA
Contract Final Completion Date:		June 13, 2027
Original Contract Value:	\$	750,000.00
Previous C.O. Values:	\$	-
Change Order No. 01 Value	\$	-
Adjusted Contract Value	\$	750,000.00

**JIM NASH
OAKLAND COUNTY WATER RESOURCE COMMISSIONER**

CONSTRUCTION ESTIMATE

Jim Nash, Oakland County Water Resources Commissioner
GWK Drain Drainage District
For Construction of the HomeGuard Program
City of Berkley
Oakland County, Michigan

Construction Estimate No. 1

June 1, 2024 to June 30, 2024

Department No. : 6010101
Fund No. : 58520
Project No. : 1-7120

Account No. : 730373
Program No. : 149662
Activity : STD
Vendor No. : 30038
Contract No. : CON00010963
Date of Contract : 6/13/2024
Completion Date : NA

Contractor :
Rolls Mechanical
1490 Torrey Road
Fenton, MI 48430

Original Contract Amount: \$750,000.00

Previous Change Order Numbers (none): \$0.00

Change Orders This Estimate Numbers (none): \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: **\$750,000.00**

Subtotal To Date: (Sheet 2 of 2 Column 7) \$3,450.00

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) \$3,450.00

Less Previous Estimates: \$0.00

Net Payment Request To Be Paid To Contractor: \$3,450.00

Balance of Contract To Date

\$746,550.00

Accounting Auditor:

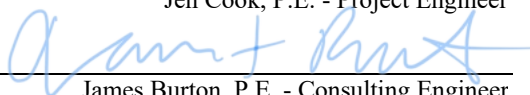
Prepared by:



Jen Cook, P.E. - Project Engineer

Date: 7/15/2024

Recommended by:

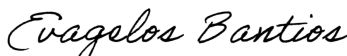


James Burton, P.E. - Consulting Engineer

Date:

7/15/24

Approved by:



Evans Bantios, P.E. - Chief Engineer

Date: 7-17-2024

Approved by Board on:

JIM NASH

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CONSTRUCTION ESTIMATE

**Jim Nash, Oakland County Water Resources Commissioner
 GWK Drain Drainage District
 For Construction of the HomeGuard Program
 City of Berkley
 Oakland County, Michigan**

Construction Estimate No. 1		(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Contract Item - Address	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
1	Home Inspection	EA	\$ 225.00	6.0	0.0	6.0	\$1,350.00	\$1,350.00
2	Televiser Sewer Lead	EA	\$ 350.00	6.0	0.0	6.0	\$2,100.00	\$2,100.00
3	Mobilize/Site Preparation	EA	\$ 450.00	0.0	0.0	0.0	\$0.00	\$0.00
4	Automatic Submersible Sump, 3/10 HP	EA	\$ 340.00	0.0	0.0	0.0	\$0.00	\$0.00
5	Automatic Submersible Sump, 1/2 HP	EA	\$ 460.00	0.0	0.0	0.0	\$0.00	\$0.00
6	Sump Pump Installation Including 30 LF Discharge Piping	EA	\$ 5,600.00	0.0	0.0	0.0	\$0.00	\$0.00
7	Additional Sump Pump Discharge	LF	\$ 11.00	0.0	0.0	0.0	\$0.00	\$0.00
8	Backwater Valve Installation	EA	\$ 1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
9	Project Site Clean Up Restoration	EA	\$ 700.00	0.0	0.0	0.0	\$0.00	\$0.00
10	Additional General Site-Specific Work	\$	\$ 1.00	0.0	0.0	0.0	\$0.00	\$0.00
11	Permit Fees	\$	\$ 1.00	0.0	0.0	0.0	\$0.00	\$0.00

Change Orders:

					0.0	0.0	\$0.00	\$0.00

Deductions:

	Homeowner Participation Fee	EA	\$ 100.00		0.0	0.0	\$0.00	\$0.00
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ATTACHMENTS:

HomeGuard Cost Sheets from COG

Contractor's Payment Request

Contractor's Declaration/Affidavit

Total Amount to Date	\$3,450.00
Total Amount This Estimate	\$3,450.00
Change Orders to Date	\$0.00
Change Orders This Estimate	\$0.00
Deductions to Date	\$0.00
Deductions This Estimate	\$0.00
Payment This Estimate	\$3,450.00

**JIM NASH
 OAKLAND COUNTY WATER RESOURCES COMMISSIONER
 2 of 2**

04/01/2022

Applicant Address	Inspection Result	Inspection Date	Install Approval	Home Inspection	Televise Sewer Lead	Site Preparation	Auto Sump Third HP	Auto Sump Half HP	Sump Install	Add Sump Piping LF	Valve Install	Site Cleanup	Misc Desc	Misc Price	Bid Items - Grand Total
JUNE															
1383 Columbia Road	Fail	6/28/2024		1	1										\$ 575.00
971 Harvard Road	Fail	6/27/2024		1	1										\$ 575.00
1047 Cambridge Rd	Fail	6/25/2024		1	1										\$ 575.00
1090 Harvard Rd	Fail	6/21/2024		1	1										\$ 575.00
1429 Larkmoor	Fail	6/19/2024		1	1										\$ 575.00
1161 Larkmoor	Fail	6/19/2024		1	1										\$ 575.00

Sub Totals To Date				6	6	0	0	0	0	0	0	0			\$ 3,450.00
Unit Price				\$ 225.00	\$ 350.00	\$ 450.00	\$ 340.00	\$ 460.00	\$ 5,600.00	\$ 25.00	\$ 1,500.00	\$ 700.00			
Sub Total Approved Work				\$ 1,350.00	\$ 2,100.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ 3,450.00

Notes

Pay Request for Work Ending JUNE 30, 2024	\$ 3,450.00
Previous Payments	0
Total Pay Estimate No 1	\$ 3,450.00

Jim Nash, Oakland County Water Resources Commissioner
GWK Drain Drainage District
For Construction of the GWK Parking Lot and Green Infrastructure - Phase I
Madison Heights
Oakland County, Michigan

Construction Estimate No. 2

June 1, 2024 to June 28, 2024

Department No.: 6010101

Fund No.: 58520

Project No.: 13484

Purchase Order No. : PO00058359

Account No.: 730373

Program No.: 149667

Activity: STD

Vendor No. : 22413

Contract No. : 10860

Date of Contract: 4/17/2024

Completion Date:

Contractor:

TSP Services, Inc.

25000 Capitol

Redford, MI 48239

Original Contract Amount:		\$395,392.00
Previous Change Order Numbers (none):		\$0.00
Change Orders This Estimate Numbers (none):		\$0.00
Total Net Change Orders:		\$0.00
Adjusted Contract Amount:		\$395,392.00
Subtotal To Date: (Sheet 2 of 2 Column 7)		\$122,320.37
Less Deductions to Date: (Sheet 2 of 2 Column 7)		\$0.00
Gross Estimate: (Work in Place)	30.94%	\$122,320.37
Less Amount Reserved: (10% of Gross Estimate)		\$12,232.04
Total Amount Allowed To Date:		\$110,088.33
Less Previous Estimates:		\$38,983.59
Net Payment Request To Be Paid To Contractor:		\$71,104.74
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$273,071.63	Accounting Auditor:
Less Previous Transfers To Reserve:		\$4,331.51
Amount of Current Transfer:		\$7,900.53

Prepared by:



Lesli Maes, P.E. - Project Engineer

Date: 07/11/2024

Recommended by:



Jamie Burton, P.E. - Consulting Engineer

Date:

Approved by:

Evans Bantios, P.E. - Chief Engineer

Date:

Approved by Board on:

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

Jim Nash, Oakland County Water Resources Commissioner
GWK Drain Drainage District
For Construction of the GWK Parking Lot and Green Infrastructure - Phase I
Madison Heights
Oakland County, Michigan

Construction Estimate No. 2		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
1	Permit Allowance	2,500	Dlr	\$ 1.00	0.0	175.1	175.1	\$175.10	\$0.00
2	Mobilization (Max 5%)	1	LS	\$ 18,000.00	0.0	1.0	1.0	\$18,000.00	\$0.00
3	Dr Structure Cover, Rem and Salv	1	Ea	\$ 300.00	1.0	0.0	1.0	\$300.00	\$300.00
4	Curb and Gutter, Rem	31	Ft	\$ 65.00	31.0	0.0	31.0	\$2,015.00	\$2,015.00
6	Subgrade Undercutting, Type IV, Modified	50	Cyd	\$ 50.00	0.0	0.0	0.0	\$0.00	\$0.00
7	Site Grading	1	Ac	\$ 10,000.00	0.00	0.78	0.8	\$7,800.00	\$0.00
8	Erosion Control, Gravel Access Approach	1	Ea	\$ 2,500.00	0.0	1.0	1.0	\$2,500.00	\$0.00
9	Erosion Control, Inlet Protection, Fabric Drop	6	Ea	\$ 150.00	0.0	6.0	6.0	\$900.00	\$0.00
10	Erosion Control, Silt Fence	280	Ft	\$ 5.00	0.0	280.0	280.0	\$1,400.00	\$0.00
11	Erosion Control, Mulch Blanket	5,000	Sft	\$ 3.00	0.0	0.0	0.0	\$0.00	\$0.00
12	Bio-Retention Choker Layer	8	Cyd	\$ 500.00	8.0	0.0	8.0	\$4,000.00	\$4,000.00
13	Bio-Retention Reservoir Layer	9	Cyd	\$ 750.00	9.0	0.0	9.0	\$6,750.00	\$6,750.00
14	Aggregate Base, 6 inch	1,530	Syd	\$ 9.00	1235.0	0.0	1235.0	\$11,115.27	\$11,115.27
15	Road Grade Biaxial Geogrid	1,400	Syd	\$ 20.00	1000.0	0.0	1000.0	\$20,000.00	\$20,000.00
16	Geotextile, Stabilization, Non-Woven	1,400	Syd	\$ 5.00	1000.0	0.0	1000.0	\$5,000.00	\$5,000.00
17	Sewer, Cl A, 6 inch, Special	95	Ft	\$ 60.00	95.0	0.0	95.0	\$5,700.00	\$5,700.00
18	Sewer, Cl A, 12 inch, Special	20	Ft	\$ 90.00	20.0	0.0	20.0	\$1,800.00	\$1,800.00
19	Standpipe, 24 inch, Special	1	Ea	\$ 1,000.00	1.0	0.0	1.0	\$1,000.00	\$1,000.00
20	Dr Structure, Tap, 12 inch, Special	1	Ea	\$ 500.00	1.0	0.0	1.0	\$500.00	\$500.00
21	Dr Structure Cover, Type B	1	Ea	\$ 1,500.00	1.0	0.0	1.0	\$1,500.00	\$1,500.00
22	Dr Structure Cover, Adj, Case 1	1	Ea	\$ 500.00	1.0	0.0	1.0	\$500.00	\$500.00
23	Dr Structure, Cleaning	5	Ea	\$ 500.00	0.0	0.0	0.0	\$0.00	\$0.00
24	HMA Surface, Rem	750	Syd	\$ 18.00	750.0	0.0	750.0	\$13,500.00	\$13,500.00
27	Curb and Gutter, Conc, Det F2	260	Ft	\$ 45.00	0.0	0.0	0.0	\$0.00	\$0.00
28	Curb and Gutter, Conc, Det F2, Modified	285	Ft	\$ 45.00	0.0	0.0	0.0	\$0.00	\$0.00
29	Spillway, Conc, Modified	4	Ea	\$ 1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
30	Fence, Protective	150	Ft	\$ 20.00	0.0	0.0	0.0	\$0.00	\$0.00
31	Project Sign	1	LS	\$ 750.00	0.0	0.0	0.0	\$0.00	\$0.00
32	Pavt Mrkg, Rem	162	Ft	\$ 20.00	162.0	0.0	162.0	\$3,240.00	\$3,240.00
33	Pavt Mrkg, Waterborne, for Rest Areas, Parks & Lots, 4 inch, Yellow	580	Ft	\$ 8.00	0.0	0.0	0.0	\$0.00	\$0.00
34	Pavt Mrkg, Waterborne, for Rest Areas, Parks & Lots, 4 inch, Blue	327	Ft	\$ 10.00	0.0	0.0	0.0	\$0.00	\$0.00
35	Pavt Mrkg, Ovly Cold Plastic, Accessible	1	Ea	\$ 500.00	0.0	0.0	0.0	\$0.00	\$0.00
36	Swale, Plain Cobble	50	Syd	\$ 50.00	0.0	0.0	0.0	\$0.00	\$0.00
37	Perennial Plantings	114	Ea	\$ 42.00	0.0	0.0	0.0	\$0.00	\$0.00
38	Plug Plantings	2,192	Ea	\$ 7.50	0.0	0.0	0.0	\$0.00	\$0.00
39	Shrub Plantings	42	Ea	\$ 102.00	0.0	0.0	0.0	\$0.00	\$0.00
40	Acer ginnala, 5 foot B&B	2	Ea	\$ 840.00	0.0	0.0	0.0	\$0.00	\$0.00
41	Acer campestre, 1 inch to 1-1/2 inch B&B	2	Ea	\$ 840.00	0.0	0.0	0.0	\$0.00	\$0.00
42	Celtis occidentalis, 1 inch to 1-1/2 inch B&B	2	Ea	\$ 390.00	0.0	0.0	0.0	\$0.00	\$0.00
43	Plantanus x acerifolia, 1 inch to 1-1/2 inch B&B	4	Ea	\$ 720.00	0.0	0.0	0.0	\$0.00	\$0.00
44	Quercus macrocarpa, 1 inch to 1-1/2 inch B&B	3	Ea	\$ 390.00	0.0	0.0	0.0	\$0.00	\$0.00
45	Tilia cordata, 1 inch to 1-1/2 inch B&B	5	Ea	\$ 840.00	0.0	0.0	0.0	\$0.00	\$0.00
46	Hardwood Mulch (Bio-Retention Area and Trees)	30	Cyd	\$ 95.00	0.0	0.0	0.0	\$0.00	\$0.00
47	Bio-Retention Soil Mix	575	Syd	\$ 40.00	0.0	0.0	0.0	\$0.00	\$0.00
48	Seeding, Erosion Control Overseeding Mixture	18	Lb	\$ 6.00	0.0	0.0	0.0	\$0.00	\$0.00
49	Site Restoration	1	LS	\$ 12,000.00	0.0	0.0	0.0	\$0.00	\$0.00
50	One-Year Vegetation Maintenance and Guarantee	1	LS	\$ 15,000.00	0.0	0.0	0.0	\$0.00	\$0.00
52	Sewer, Cleanout, 6 inch, Special	1	Ea	\$ 1,250.00	0.0	0.0	0.0	\$0.00	\$0.00
53	Excavation, Earth	975	Cyd	\$ 15.00	139.0	836.0	975.0	\$14,625.00	\$2,085.00
54	Conc Pavt, Nonreinf, 7 inch	1,400	Syd	\$ 72.00	0.0	0.0	0.0	\$0.00	\$0.00
55						0.0	0.0	\$0.00	\$0.00
56						0.0	0.0	\$0.00	\$0.00
57						0.0	0.0	\$0.00	\$0.00
58						0.0	0.0	\$0.00	\$0.00
59						0.0	0.0	\$0.00	\$0.00
60						0.0	0.0	\$0.00	\$0.00
61						0.0	0.0	\$0.00	\$0.00
62						0.0	0.0	\$0.00	\$0.00
63						0.0	0.0	\$0.00	\$0.00
64						0.0	0.0	\$0.00	\$0.00
65						0.0	0.0	\$0.00	\$0.00
66						0.0	0.0	\$0.00	\$0.00
67						0.0	0.0	\$0.00	\$0.00

Change Orders:									
						0.0	0.0	\$0.00	\$0.00

Stored Material:									
						0.0	0.0	\$0.00	\$0.00

Deductions:									
						0.0	0.0	\$0.00	\$0.00

Total Amount to Date	\$122,320.37
Total Amount This Estimate	\$79,005.27
Change Orders to Date	\$0.00
Change Orders This Estimate	\$0.00
Stored Materials to Date	\$0.00
Stored Materials This Estimate	\$0.00
Subtotal to Date	\$122,320.37
Subtotal This Estimate	\$79,005.27
Deductions to Date	\$0.00
Deductions This Estimate	\$0.00
Payment This Estimate	\$79,005.27
Less Transfer to Reserve	\$7,900.53
Net Payment	\$71,104.74

**Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 2024 GWK Sewer Cleaning and Inspection
George W. Kuhn Drain Drainage District
Oakland County, Michigan**

Construction Estimate No. 2

June 1, 2024 to July 1, 2024

Department No. : 6010101
Fund No. : 58510
Project No. : PRJ-17409

Account No. : 730373
Program No. : 149127
Activity : FAC
Contract No. : 10919



Contractor :
Pipeline Management Company
2673 E. Maple Road
Milford, MI 48381

Date of Contract : April 8, 2024
Completion Date : February 2, 2025

Original Contract Amount: \$510,552.20

Previous Change Order Numbers (none): \$0.00

Change Orders This Estimate Numbers (none): \$0.00

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$510,552.20



Subtotal To Date: (Sheet 2 of 2 Column 7) \$111,100.95

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 21.76% \$111,100.95

Less Amount Reserved: (10% of Gross Estimate) \$11,110.10




Total Amount Allowed To Date: \$99,990.86

Less Previous Estimates: \$21,242.12

Net Payment Request To Be Paid To Contractor: \$78,748.74

Reserve Payment to Contractor \$0.00

Balance of Contract To Date  \$399,451.25 Accounting Auditor: BCR 7/11/2024

Less Previous Transfers To Reserve: \$2,360.24



Amount of Current Transfer: \$8,749.86

Prepared by: George P. Nichols
George P. Nichols, P.E., Assistant Chief Engineer

Date: 7/11/24

Recommended by: Matthew Hughes
Matthew Hughes, P.E., Hubbell, Roth & Clark

Date: 7/9/24

Approved by: Evangelos Bantios
Evangelos Bantios, P.E., Chief Engineer

Date: 7-12-2024

Approved by: Gary Nigro
Gary Nigro, P.E., Manager

Date: 7/15/2024

Approved by Board on: _____

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 2024 GWK Sewer Cleaning and Inspection
George W. Kuhn Drain Drainage District
Oakland County, Michigan

Construction Estimate No. 2		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment (AGM Length)	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
Royal Oak Main Drain									
1	Mobilization (5% Max)	1	LS	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
2	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
3	Permit Allowance	200	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
4	Clean and Televis, PACP Reporting, 132" Combined Sewer	2,985	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
5	Clean and Televis, PACP Reporting, 150" Combined Sewer	4,115	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
6	Clean and Televis, PACP Reporting, 180" Combined Sewer	180	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
7	Clean and Televis, PACP Reporting, Horseshoe, Combined Sewer	2,528	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
8	Locate and Expose Manhole, As Required	1	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
9	Maintaining Traffic	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
10	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
Allen Branch									
11	Mobilization (5% Max)	1	LS	7,000.00	0.0	1.0	1.0	\$7,000.00	\$0.00
12	Project Management	1	LS	10,000.00	0.0	1.0	1.0	\$10,000.00	\$0.00
13	Permit Allowance	1,000	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
14	Clean and Televis, PACP Reporting, 8" Combined Sewer	37	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
15	Clean and Televis, PACP Reporting, 10" Combined Sewer	109	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
16	Clean and Televis, PACP Reporting, 12" Combined Sewer	109	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
17	Clean and Televis, PACP Reporting, 18" Combined Sewer	161	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
18	Clean and Televis, PACP Reporting, 24" Combined Sewer	73	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
19	Clean and Televis, PACP Reporting, 30" Combined Sewer	1,690	LFT	4.15	865.0	0.0	865.0	\$3,589.75	\$3,589.75
20	Clean and Televis, PACP Reporting, 36" Combined Sewer	2,969	LFT	4.15	1896.0	1109.0	3005.0	\$12,470.75	\$7,868.40
21	Clean and Televis, PACP Reporting, 48" Combined Sewer	1,294	LFT	4.15	1290.0	0.0	1290.0	\$5,353.50	\$5,353.50
22	Clean and Televis, PACP Reporting, 54" Combined Sewer	3,107	LFT	4.15	1586.0	0.0	1586.0	\$6,581.90	\$6,581.90
23	Clean and Televis, PACP Reporting, 60" Combined Sewer	1,952	LFT	4.15	1959.0	0.0	1959.0	\$8,129.85	\$8,129.85
24	Clean and Televis, PACP Reporting, 66" Combined Sewer	1,778	LFT	4.15	2136.0	0.0	2136.0	\$8,864.40	\$8,864.40
25	Clean and Televis, PACP Reporting, 84" Combined Sewer	3,466	LFT	4.15	3511.0	0.0	3511.0	\$14,570.65	\$14,570.65
26	Clean and Televis, PACP Reporting, 90" Combined Sewer	4,445	LFT	4.15	4430.0	0.0	4430.0	\$18,384.50	\$18,384.50
27	Clean and Televis, PACP Reporting, 108" Combined Sewer	4,389	LFT	4.15	2391.0	0.0	2391.0	\$9,922.65	\$9,922.65
28	Clean and Televis, PACP Reporting, 114" Combined Sewer	5,986	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
29	Clean and Televis, PACP Reporting, 120" Combined Sewer	3,826	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
30	Clean and Televis, PACP Reporting, 126" Combined Sewer	997	LFT	4.15	1020.0	0.0	1020.0	\$4,233.00	\$4,233.00
31	Locate and Expose Manhole, As Required	1	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
32	Maintaining Traffic	1	LS	2,000.00	0.0	1.0	1.0	\$2,000.00	\$0.00
33	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
Hubbard Branch									
34	Mobilization (5% Max)	1	LS	5,000.00	0.0	0.0	0.0	\$0.00	\$0.00
35	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
36	Permit Allowance	200	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
37	Clean and Televis, PACP Reporting, 24" Combined Sewer	323	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
38	Clean and Televis, PACP Reporting, 36" Combined Sewer	3,476	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
39	Clean and Televis, PACP Reporting, 54" Combined Sewer	4,871	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
40	Clean and Televis, PACP Reporting, 66" Combined Sewer	2,708	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
41	Clean and Televis, PACP Reporting, 72" Combined Sewer	1,411	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
42	Clean and Televis, PACP Reporting, 78" Combined Sewer	2,487	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
43	Clean and Televis, PACP Reporting, 84" Combined Sewer	3,670	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
44	Clean and Televis, PACP Reporting, 96" Combined Sewer	1,489	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
45	Clean and Televis, PACP Reporting, 108" Combined Sewer	4,023	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
46	Locate and Expose Manhole, As Required	5	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
47	Maintaining Traffic	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
48	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
East Clawson Drain									
49	Mobilization (5% Max)	1	LS	3,000.00	0.0	0.0	0.0	\$0.00	\$0.00
50	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
51	Permit Allowance	200	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
52	Clean and Televis, PACP Reporting, 10" Combined Sewer	1,291	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
53	Clean and Televis, PACP Reporting, 36" Combined Sewer	2,246	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
54	Clean and Televis, PACP Reporting, 42" Combined Sewer	894	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
55	Clean and Televis, PACP Reporting, 54" Combined Sewer	2,304	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
56	Clean and Televis, PACP Reporting, 60" Combined Sewer	748	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
57	Clean and Televis, PACP Reporting, 66" Combined Sewer	2,578	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
58	Clean and Televis, PACP Reporting, 72" Combined Sewer	669	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
59	Clean and Televis, PACP Reporting, 78" Combined Sewer	656	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
60	Clean and Televis, PACP Reporting, 90" Combined Sewer	2,620	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
61	Locate and Expose Manhole, As Required	4	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
62	Maintaining Traffic	1	LS	2,500.00	0.0	0.0	0.0	\$0.00	\$0.00
63	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
Ferndale Nine Mile Drain									
64	Mobilization (5% Max)	1	LS	400.00	0.0	0.0	0.0	\$0.00	\$0.00
65	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
66	Permit Allowance	500	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
67	Clean and Televis, PACP Reporting, 12" Combined Sewer	12	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
68	Clean and Televis, PACP Reporting, 24" Combined Sewer	1,087	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
69	Clean and Televis, PACP Reporting, 30" Combined Sewer	800	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
70	Locate and Expose Manhole, As Required	1	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
71	Maintaining Traffic	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
72	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
McClain Drain									
73	Mobilization (5% Max)	1	LS	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
74	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
75	Permit Allowance	200	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
76	Clean and Televis, PACP Reporting, 33" Combined Sewer	372	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
77	Clean and Televis, PACP Reporting, 36" Combined Sewer	600	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
78	Clean and Televis, PACP Reporting, 54" Combined Sewer	1,014	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
79	Clean and Televis, PACP Reporting, 60" Combined Sewer	998	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
80	Clean and Televis, PACP Reporting, 66" Combined Sewer	1,888	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
81	Clean and Televis, PACP Reporting, 72" Combined Sewer	2,128	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
82	Clean and Televis, PACP Reporting, 78" Combined Sewer	1,300	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
83	Locate and Expose Manhole, As Required	1	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
84	Maintaining Traffic	1	LS	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
85	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00

Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 2024 GWK Sewer Cleaning and Inspection
George W. Kuhn Drain Drainage District
Oakland County, Michigan

Construction Estimate No. 2		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment (AGM Length)	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
Shaberman Drain									
86	Mobilization (5% Max)	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
87	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
88	Permit Allowance	200	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
89	Clean and Televis, PACP Reporting, 12" Combined Sewer	171	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
90	Clean and Televis, PACP Reporting, 90" Combined Sewer	4,649	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
91	Locate and Expose Manhole, As Required	1	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
92	Maintaining Traffic	1	LS	1,000.00	0.0	0.0	0.0	\$0.00	\$0.00
93	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
Schubiner Drain									
94	Mobilization (5% Max)	1	LS	2,500.00	0.0	0.0	0.0	\$0.00	\$0.00
95	Project Management	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
96	Permit Allowance	200	DLR	1.00	0.0	0.0	0.0	\$0.00	\$0.00
97	Clean and Televis, PACP Reporting, 10" Combined Sewer	88	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
98	Clean and Televis, PACP Reporting, 12" Combined Sewer	4,110	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
99	Clean and Televis, PACP Reporting, 15" Combined Sewer	1,089	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
100	Clean and Televis, PACP Reporting, 18" Combined Sewer	304	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
101	Clean and Televis, PACP Reporting, 24" Combined Sewer	288	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
102	Clean and Televis, PACP Reporting, 30" Combined Sewer	288	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
103	Clean and Televis, PACP Reporting, 36" Combined Sewer	297	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
104	Clean and Televis, PACP Reporting, 42" Combined Sewer	1,418	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
105	Clean and Televis, PACP Reporting, 54" Combined Sewer	741	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
106	Clean and Televis, PACP Reporting, 66" Combined Sewer	382	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
107	Clean and Televis, PACP Reporting, 72" Combined Sewer	2,618	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
108	Clean and Televis, PACP Reporting, 84" Combined Sewer	366	LFT	4.15	0.0	0.0	0.0	\$0.00	\$0.00
109	Locate and Expose Manhole, As Required	1	EA	1.00	0.0	0.0	0.0	\$0.00	\$0.00
110	Maintaining Traffic	1	LS	2,000.00	0.0	0.0	0.0	\$0.00	\$0.00
111	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
Change Orders:									
						0.0	0.0	\$0.00	\$0.00
Stored Material:									
						0.0	0.0	\$0.00	\$0.00
Deductions:									
						0.0	0.0	\$0.00	\$0.00

Total Amount to Date	\$111,100.95
Total Amount This Estimate	\$87,498.60
Change Orders to Date	\$0.00
Change Orders This Estimate	\$0.00
Stored Materials to Date	\$0.00
Stored Materials This Estimate	\$0.00
Subtotal to Date	\$111,100.95
Subtotal This Estimate	\$87,498.60
Deductions to Date	\$0.00
Deductions This Estimate	\$0.00
Payment This Estimate	\$87,498.60
Less Transfer to Reserve	\$2,360.24
Net Payment	\$85,138.37

**Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 2023 GWK Sewer Cleaning and Inspection
George W. Kuhn Drain Drainage District
Oakland County, Michigan**

Construction Estimate No. 3

March 31, 2024 to June 30, 2024

Department No. : 6010101
Fund No. : 58510
Project No. : PRJ-17334

Account No. : 730373
Program No. : 149662
Activity : FAC
Vendor No. : 799
Contract No. : 10563



Contractor :
Doetsch Environmental Services
21221 Mullin Ave
Warren MI 48089

Date of Contract : October 23, 2023
Completion Date : June 23, 2024

Original Contract Amount: \$685,553.25

Previous Change Order Numbers: \$20,728.00

Change Orders This Estimate Numbers (Change Order 1): \$0.00

Total Net Change Orders: \$20,728.00

Adjusted Contract Amount: \$706,281.25



Subtotal To Date: (Sheet 2 of 2 Column 7) \$670,151.50

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 94.88% \$670,151.50

Less Amount Reserved: (5% of Adjusted Contract Amount) \$35,314.06

Total Amount Allowed To Date: \$634,837.44

Less Previous Estimates: \$564,159.94

Net Payment Request To Be Paid To Contractor: \$70,677.50

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$36,129.75 Accounting Auditor: B. R. 7/11/2024

Less Previous Transfers To Reserve: \$35,314.06



Amount of Current Transfer: \$0.00

Prepared by: George P. Nichols
George P. Nichols, P.E., Assistant Chief Engineer

Date: 07/11/24

Recommended by: Matthew Hughes
Matthew Hughes, P.E., Hubbell, Roth & Clark

Date: 07/03/2024

Approved by: Evangelos Bantios
Evangelos Bantios, P.E., Chief Engineer

Date: 7-12-2024

Approved by: Gary Nigro
Gary Nigro, P.E., Manager

Date: 7/15/2024

Approved by Board on: _____

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

**Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 2023 GWK Sewer Cleaning and Inspection
George W. Kuhn Drain Drainage District
Oakland County, Michigan**

Construction Estimate No. 3		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
1	Mobilization (5% Max)	1	LS	100.00	0.0	1.0	1.0	\$100.00	\$0.00
2	Project Management	1	LS	100.00	0.0	1.0	1.0	\$100.00	\$0.00
3	Permit Allowance	1	DLR	250.00	0.0	0.0	0.0	\$0.00	\$0.00
4	Clean and Televis. PACP Reporting, 12" Combined Sewer	30	LFT	2.00	0.0	0.0	0.0	\$0.00	\$0.00
5	Clean and Televis. PACP Reporting, 24" Combined Sewer	578	LFT	2.00	0.0	477.0	477.0	\$954.00	\$0.00
6	Clean and Televis. PACP Reporting, 30" Combined Sewer	30	LFT	2.00	0.0	0.0	0.0	\$0.00	\$0.00
7	Clean and Televis. PACP Reporting, 36" Combined Sewer	309	LFT	2.00	0.0	163.0	163.0	\$326.00	\$0.00
8	Clean and Televis. PACP Reporting, 48" Combined Sewer	342	LFT	2.00	0.0	483.0	483.0	\$966.00	\$0.00
9	Clean and Televis. PACP Reporting, 54" Combined Sewer	3,097	LFT	5.75	0.0	3055.0	3055.0	\$17,566.25	\$0.00
10	Clean and Televis. PACP Reporting, 60" Combined Sewer	1,591	LFT	4.25	0.0	1477.0	1477.0	\$6,277.25	\$0.00
11	Clean and Televis. PACP Reporting, 72" Combined Sewer	3,283	LFT	4.25	0.0	3278.0	3278.0	\$13,931.50	\$0.00
12	Clean and Televis. PACP Reporting, 78" Combined Sewer	3,166	LFT	4.25	0.0	3076.0	3076.0	\$13,073.00	\$0.00
13	Clean and Televis. PACP Reporting, 84" Combined Sewer	3,993	LFT	4.25	0.0	3997.0	3997.0	\$16,987.25	\$0.00
14	Clean and Televis. PACP Reporting, 90" Combined Sewer	3,879	LFT	4.25	0.0	3846.0	3846.0	\$16,345.50	\$0.00
15	Locate and Expose Manhole, As Required	7	EA	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
16	Maintaining Traffic	1	LS	3,000.00	0.0	1.0	1.0	\$3,000.00	\$0.00
17	Restoration	1	LS	5,000.00	0.0	0.0	0.0	\$0.00	\$0.00
18	Mobilization (5% Max)	1	LS	100.00	0.0	1.0	1.0	\$100.00	\$0.00
19	Project Management	1	LS	5,500.00	0.0	1.0	1.0	\$5,500.00	\$0.00
20	Permit Allowance	1	DLR	500.00	0.0	0.0	0.0	\$0.00	\$0.00
21	Clean and Televis. PACP Reporting, 12" Combined Sewer	165	LFT	2.00	0.0	92.0	92.0	\$184.00	\$0.00
22	Clean and Televis. PACP Reporting, 24" Combined Sewer	15	LFT	2.00	0.0	0.0	0.0	\$0.00	\$0.00
23	Clean and Televis. PACP Reporting, 30" Combined Sewer	1,049	LFT	5.75	0.0	0.0	0.0	\$0.00	\$0.00
24	Clean and Televis. PACP Reporting, 33" Combined Sewer	50	LFT	5.75	0.0	0.0	0.0	\$0.00	\$0.00
25	Clean and Televis. PACP Reporting, 36" Combined Sewer	18	LFT	5.75	0.0	575.0	575.0	\$3,306.25	\$0.00
26	Clean and Televis. PACP Reporting, 39" Combined Sewer	563	LFT	5.75	0.0	572.0	572.0	\$3,289.00	\$0.00
27	Clean and Televis. PACP Reporting, 42" Combined Sewer	1,282	LFT	5.75	0.0	308.0	308.0	\$1,771.00	\$0.00
28	Clean and Televis. PACP Reporting, 48" Combined Sewer	641	LFT	5.75	0.0	515.0	515.0	\$2,961.25	\$0.00
29	Clean and Televis. PACP Reporting, 54" Combined Sewer	1,098	LFT	4.25	0.0	2021.0	2021.0	\$8,589.25	\$0.00
30	Clean and Televis. PACP Reporting, 72" Combined Sewer	1,992	LFT	4.25	0.0	2066.0	2066.0	\$8,780.50	\$0.00
31	Clean and Televis. PACP Reporting, 78" Combined Sewer	1,495	LFT	4.25	0.0	1516.0	1516.0	\$6,443.00	\$0.00
32	Clean and Televis. PACP Reporting, 84" Combined Sewer	1,198	LFT	4.25	0.0	1207.0	1207.0	\$5,129.75	\$0.00
33	Clean and Televis. PACP Reporting, 108" Combined Sewer	8,003	LFT	4.25	6411.0	1501.0	7912.0	\$33,626.00	\$27,246.75
34	Clean and Televis. PACP Reporting, 114" Combined Sewer	5,223	LFT	4.25	5056.0	0.0	5056.0	\$21,488.00	\$21,488.00
35	Clean and Televis. PACP Reporting, 120" Combined Sewer	5,050	LFT	4.25	2903.0	2164.0	5067.0	\$21,534.75	\$12,337.75
36	Locate and Expose Manhole, As Required	2	EA	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
37	Maintaining Traffic	1	LS	42,000.00	0.0	1.0	1.0	\$42,000.00	\$0.00
38	Restoration	1	LS	1.00	0.0	0.0	0.0	\$0.00	\$0.00
39	Mobilization (5% Max)	1	LS	100.00	0.0	1.0	1.0	\$100.00	\$0.00
40	Project Management	1	LS	4,000.00	0.0	1.0	1.0	\$4,000.00	\$0.00
41	Permit Allowance	1	DLR	250.00	0.0	0.0	0.0	\$0.00	\$0.00
42	Clean and Televis. PACP Reporting, 10" Combined Sewer	85	LFT	2.00	0.0	52.0	52.0	\$104.00	\$0.00
43	Clean and Televis. PACP Reporting, 12" Combined Sewer	33	LFT	2.00	0.0	31.0	31.0	\$62.00	\$0.00
44	Clean and Televis. PACP Reporting, 24" Combined Sewer	1,863	LFT	5.75	0.0	1915.0	1915.0	\$11,011.25	\$0.00
45	Clean and Televis. PACP Reporting, 30" Combined Sewer	1,268	LFT	5.75	0.0	1279.0	1279.0	\$7,354.25	\$0.00
46	Clean and Televis. PACP Reporting, 48" Combined Sewer	1,588	LFT	5.75	0.0	620.0	620.0	\$3,565.00	\$0.00
47	Clean and Televis. PACP Reporting, 60" Combined Sewer	1,666	LFT	4.25	0.0	1672.0	1672.0	\$7,106.00	\$0.00
48	Clean and Televis. PACP Reporting, 72" Combined Sewer	1,403	LFT	4.25	0.0	2403.0	2403.0	\$10,212.75	\$0.00
49	Clean and Televis. PACP Reporting, 78" Combined Sewer	2,062	LFT	4.25	0.0	2087.0	2087.0	\$8,869.75	\$0.00
50	Clean and Televis. PACP Reporting, 84" Combined Sewer	2,612	LFT	4.25	0.0	2644.0	2644.0	\$11,237.00	\$0.00
51	Clean and Televis. PACP Reporting, 90" Combined Sewer	6,017	LFT	4.25	0.0	5931.0	5931.0	\$25,206.75	\$0.00
52	Clean and Televis. PACP Reporting, 96" Combined Sewer	5,853	LFT	4.25	0.0	5866.0	5866.0	\$24,930.50	\$0.00
53	Locate and Expose Manhole, As Required	1	EA	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
54	Maintaining Traffic	1	LS	1,000.00	0.0	1.0	1.0	\$1,000.00	\$0.00
55	Restoration	1	LS	1.00	0.0	1.0	1.0	\$1.00	\$0.00

**Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 2023 GWK Sewer Cleaning and Inspection
George W. Kuhn Drain Drainage District
Oakland County, Michigan**

Construction Estimate No. 3		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Contract Item	Bid Quantity	Unit	Unit Price	Quantity This Payment	Total Quantity Previous Estimate	Total Quantity to Date	Total Amount to Date	Total Amount This Payment
56	Mobilization (5% Max)	1	LS	100.00	0.0	1.0	1.0	\$100.00	\$0.00
57	Project Management	1	LS	9,000.00	0.0	1.0	1.0	\$9,000.00	\$0.00
58	Permit Allowance	1	DLR	3,000.00	0.0	0.0	0.0	\$0.00	\$0.00
59	Clean and Televis, PACP Reporting, 36" Combined Sewer	916	LFT	5.75	0.0	916.0	916.0	\$5,267.00	\$0.00
60	Clean and Televis, PACP Reporting, 42" Combined Sewer	2,854	LFT	5.75	0.0	2831.0	2831.0	\$16,278.25	\$0.00
61	Clean and Televis, PACP Reporting, 48" Combined Sewer	1,290	LFT	5.75	0.0	1334.0	1334.0	\$7,670.50	\$0.00
62	Clean and Televis, PACP Reporting, 54" Combined Sewer	1,797	LFT	5.75	102.0	1685.0	1787.0	\$10,275.25	\$586.50
63	Clean and Televis, PACP Reporting, 60" Combined Sewer	1,718	LFT	4.25	0.0	1722.0	1722.0	\$7,318.50	\$0.00
64	Clean and Televis, PACP Reporting, 66" Combined Sewer	2,667	LFT	4.25	0.0	2684.0	2684.0	\$11,407.00	\$0.00
65	Clean and Televis, PACP Reporting, 72" Combined Sewer	4,119	LFT	4.25	230.0	3871.0	4101.0	\$17,429.25	\$977.50
66	Clean and Televis, PACP Reporting, 78" Combined Sewer	1,842	LFT	4.25	0.0	1832.0	1832.0	\$7,786.00	\$0.00
67	Clean and Televis, PACP Reporting, 84" Combined Sewer	6,433	LFT	4.25	0.0	6429.0	6429.0	\$27,323.25	\$0.00
68	Clean and Televis, PACP Reporting, 90" Combined Sewer	2,888	LFT	4.25	0.0	2887.0	2887.0	\$12,269.75	\$0.00
69	Clean and Televis, PACP Reporting, 96" Combined Sewer	2,658	LFT	4.25	0.0	2660.0	2660.0	\$11,305.00	\$0.00
70	Clean and Televis, PACP Reporting, 102" Combined Sewer	834	LFT	4.25	0.0	834.0	834.0	\$3,544.50	\$0.00
71	Clean and Televis, PACP Reporting, 108" Combined Sewer	6,365	LFT	4.25	0.0	6403.0	6403.0	\$27,212.75	\$0.00
72	Clean and Televis, PACP Reporting, 114" Combined Sewer	11,735	LFT	4.25	0.0	11733.0	11733.0	\$49,865.25	\$0.00
73	Clean and Televis, PACP Reporting, 132" Combined Sewer	3,268	LFT	4.25	0.0	3250.0	3250.0	\$13,812.50	\$0.00
74	Clean and Televis, PACP Reporting, 159" Combined Sewer	9,691	LFT	4.25	1892.0	7831.0	9723.0	\$41,322.75	\$8,041.00
75	Clean and Televis, PACP Reporting, 36x60 Rectangular Box	31	LFT	4.25	0.0	0.0	0.0	\$0.00	\$0.00
76	Locate and Expose Manhole, As Required	2	EA	1,500.00	0.0	0.0	0.0	\$0.00	\$0.00
77	Maintaining Traffic	1	LS	1,000.00	0.0	1.0	1.0	\$1,000.00	\$0.00
78	Restoration	1	LS	500.00	0.0	0.0	0.0	\$0.00	\$0.00

Change Order 1 - Allen Branch Detroit Zoo

79	Clean and Televis, PACP Reporting, 54" Combined Sewer	0	LFT	5.75	0.0	1,576.0	1576.0	\$9,062.00	\$0.00
80	Clean and Televis, PACP Reporting, 108" Combined Sewer	0	LFT	4.25	0.0	1,108.0	1108.0	\$4,709.00	\$0.00
81	Clean and Televis, PACP Reporting, 114" Combined Sewer	0	LFT	4.25	0.0	888.0	888.0	\$3,774.00	\$0.00
82	Clean and Televis, PACP Reporting, 24" Combined Sewer	0	LFT	5.75	0.0	488.0	488.0	\$2,806.00	\$0.00
83	Clean and Televis, PACP Reporting, 30" Combined Sewer	0	LFT	5.75	0.0	91.0	91.0	\$523.25	\$0.00

Stored Material:

						0.0	0.0	\$0.00	\$0.00

Deductions:

						0.0	0.0	\$0.00	\$0.00

Total Amount to Date	\$649,277.25
Total Amount This Estimate	\$70,677.50
Change Orders to Date	\$20,874.25
Change Orders This Estimate	\$0.00
Stored Materials to Date	\$0.00
Stored Materials This Estimate	\$0.00
Subtotal to Date	\$670,151.50
Subtotal This Estimate	\$70,677.50
Deductions to Date	\$0.00
Deductions This Estimate	\$0.00
Payment This Estimate	\$70,677.50
Less Transfer to Reserve	\$0.00
Net Payment	\$70,677.50

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the GEORGE W. KUHN DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

DATE: July 23, 2024

SUBJECT: Request for Board approval of payment of the following invoices:

HP for Shawn Phelps

Payable To	Ref No.	For	Amount
Dickinson Wright PLLC	SINV00272333	Invoice # 1930629 - Legal Services - 05/31/24	\$ 10,309.60
Dickinson Wright PLLC	SINV00272335	Invoice # 1930630 - Legal Services - 05/31/24	108,357.93
Dickinson Wright PLLC	SINV00272338	Invoice # 1930634 - Legal Services - 05/31/24	3,021.12
Dickinson Wright PLLC	SINV00272339	Invoice # 1930637 - Legal Services - 05/31/24	2,725.50
Dickinson Wright PLLC	SINV00272342	Invoice # 1930640 - Legal Services - 05/31/24	1,598.50
Dickinson Wright PLLC	TBP	Invoice # 1930631 - Legal Services - 05/31/24	368.80
Total			\$ 126,381.45
Drummond Carpenter PLLC	SINV00270379	Invoice # 4962 - Contracted Services - 5/31/24 - Proj 1-7620	\$ 25,385.50
Project 1-7620			\$ 25,385.50
Hubbell, Roth, & Clark Inc	SINV00269578	Invoice # 0217556 - Contracted Service - 05/25/24 - Proj 1-7334	\$ 2,250.60
Project 1-7334			\$ 2,250.60
Hubbell, Roth, & Clark Inc	SINV00269580	Invoice # 0217562 - Contracted Service - 05/25/24 - Proj 1-7409	\$ 915.60
Project 1-7409			\$ 915.60
Marine Pollution Control	SINV00273858	Invoice # 41223 - Contracted Service - Proj 1-7540	\$ 4,621.49
Project 1-7540			\$ 4,621.49
Center for Watershed Protection, Inc	V # SINV00262967	Invoice # W-22-37a #5 - Contracted Services - 06/30/24	\$ 380.00
Project 1-7235			\$ 380.00
Total			\$ 159,934.64

2. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$103,519.26
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE ACACIA PARK CSO DRAIN**

June 25, 2024

A meeting of the Drainage Board for the Acacia Park CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25th day of June 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held April 23, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

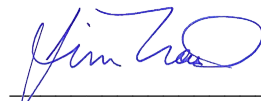
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$69,064.07 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$69,064.07.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

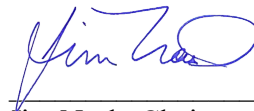


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Acacia Park CSO Drain, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Acacia Park CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: June 25, 2024

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the ACACIA PARK CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services *Ⓟ for Shawn Phelps*
OCWRC Accounting

DATE: July 23, 2024

SUBJECT: Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund
for the period ending July 16, 2024.

Date	Ref No.	For	Amount
04/30/24	JE# 026723	Apr 2024 Storm Water Flow Charges	\$34,506.42
05/31/24	JE# 027715	May 2024 Storm Water Flow Charges	34,506.42
06/30/24	JE# 028511	Jun 2024 Storm Water Flow Charges	34,506.42
		Total	<u>\$103,519.26</u>

3. Birmingham CSO

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$109,761.51
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE BIRMINGHAM CSO DRAIN**

June 25, 2024

A meeting of the Drainage Board for the Birmingham CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25th day of June 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held April 23, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

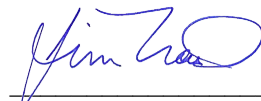
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,534.47 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,534.47.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

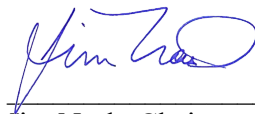


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Birmingham CSO Drain, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for Birmingham CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: June 25, 2024

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the BIRMINGHAM CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

SP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund
for the period ending July 16, 2024.

Date	Ref No.	For	Amount
04/30/24	JE# 026723	Apr 2024 Storm Water Flow Charges	\$36,587.17
05/31/24	JE# 027715	May 2024 Storm Water Flow Charges	36,587.17
06/30/24	JE# 028511	Jun 2024 Storm Water Flow Charges	36,587.17
		Total	<u>\$109,761.51</u>

4. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$140,973
5. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$17,856.89
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE BLOOMFIELD VILLAGE CSO DRAIN**

June 25, 2024

A meeting of the Drainage Board for the Bloomfield Village CSO Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25th day of June 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held May 21, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

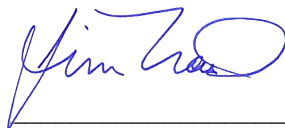
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$58,006.06 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$58,006.06.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

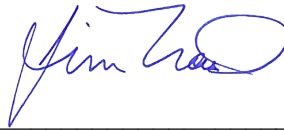


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Bloomfield Village CSO Drain, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for Bloomfield Village CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: June 25, 2024

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the BLOOMFIELD VILLAGE CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Handwritten: (H) for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund
for the period ending July 16, 2024.

Date	Ref No.	For	Amount
04/30/24	JE# 026723	Apr 2024 Storm Water Flow Charges	\$46,991.00
05/31/24	JE# 027715	May 2024 Storm Water Flow Charges	46,991.00
06/30/24	JE# 028511	Jun 2024 Storm Water Flow Charges	46,991.00
		Total	<u>\$140,973.00</u>

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the BLOOMFIELD VILLAGE CSO DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Ⓜ for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices
for the period ending July 16, 2024

G/L Date	Ref No.	Paid To	For	Amount
7/8/2024	V # SIN00272168	Jones Chemicals Inc	Invoice # 941957 - Chlorination Supplies	\$ 10,391.12
			Total	\$ 10,391.12
	TBP	Marine Pollution Control	Invoice # 41224 - Contracted Services - Proj 1-3548	\$ 7,333.77
			Total Project 1-3548	\$ 7,333.77
7/11/2024	V # SIN00273297	Hubbell Roth & Clark Inc	Invoice # 0218151 - Contracted Services - 6/22/24 - Proj 1-7088	\$ 132.00
			Total Project 1-7088	\$ 132.00
			Total	\$ 17,856.89

5. Clinton River Water Resource Recovery Facility

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Engineering Work Order for Jacobs Consultants, Inc. for the Optimization Phase II Project to extend Contract No. 00010731 to March 31, 2028 and increase the amount not to exceed by \$3,654,222
5. Present Memorandum from Razik Alsaigh, P.E., Civil Engineer III, dated July 23, 2024, requesting the Board authorize the Chairperson to award the contract to Clark Construction Company contingent upon securing funding and execute the contract in the amount of \$35,893,916 after funding becomes available
6. Present Memorandum from Razik Alsaigh, P.E., Civil Engineer III, dated July 23, 2024, requesting the Board accept the as-bid revised project cost allocation to be funded by a loan from the State Revolving Fund based on the engineer's revised estimate of total project cost in the amount of \$47,915,000
7. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$356,788.80
8. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$73,898.22
9. Other business
10. Approve pro rata payment to Drainage Board members
11. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY**

May 21, 2024

A meeting of the Drainage Board for the Clinton River Water Resource Recovery Facility was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 21st day of May 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held May 21, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$541,136.60 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$541,136.60.

ADOPTED: Yeas - 2
Nays - 0

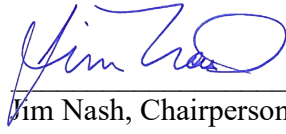
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$1,096,009.47 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund from the Construction Fund in the amount of \$1,096,009.47.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.




Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Clinton River Water Resource Recovery Facility.



Jim Nash, Chairperson

Dated: June 25, 2024

**Jim Nash Oakland County Water Resources Commissioner
Clinton River Water Resources Recovery Facility Drainage District
For the Clinton River Water Resources Recovery Facility Optimization Phase II Project
Pontiac, MI
Oakland County, Michigan**

Engineering Work Order No. D472 (#2)

Date: 07/05/2024

To: Jacobs Consultants, Inc.

For: CRWRRF Optimization II Project

DESCRIPTION



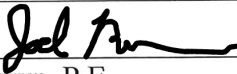

This Engineering Work Order (EWO) is required to define specific additional tasks and compensation related to the Clinton River Water Resources Recovery Facility Optimization Phase II Project that falls under multiple sections of CONTRACT NO. 00010731. This EWO serves as your approval for compensation of the following additional services as delineated below and attached:

The proposed scope will include the following:

- A) Section 1.1.3: Add the following forms (attached):**
 - **CON-391 - Construction Phase Services**
 - **RPR-391 - Resident Project Representative Services**
- B) Section 6.3: Add Exhibit 1A to address engineer hourly billing rates for the construction phase and Resident Project Representative services.**
- C) Section 6.4: add the following to the engineer total estimated compensation:**

Construction Phase Services	\$1,574,891
Resident Project Representative (RPR) Services	\$2,079,331
Per Jacobs Detailed Budget attached here as Exhibit 2	
- D) Extend the Contract end date to March 31, 2028.**

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and rate schedule as modified by your proposal. The total amount of the Engineering Services Agreement is to be increased by a not to exceed amount of \$3,654,222. This increases the total allowed project amount under this contract to \$5,170,867. This amount is not to be exceeded without written authorization from this office.

RECOMMENDED		DATE: 07/12/2024		ACCEPTED		DATE: July 12, 2024	
By:				By:			
Razik Alsaigh, P.E. Civil Engineer III OCWRC				Shawn Thompson, P.E. Vice President Jacobs Consultants, Inc.			
APPROVED		DATE: 7/16/2024		APPROVED		DATE: July 17, 2024	
By:				By:			
Joel Brown, P.E. Chief Engineer OCWRC				Steven Korth, P.E. Chief Manager OCWRC			
Approved by the Drainage District Board on:							

Department No.:	6010101	Account No.:	730625
Fund No.:	FND82686	Program No.:	PRG149667
Project No.:	PRJ-17515	Project Activity:	ENGCON
Contract No.:	CON00010731	Contract Exp:	03/31/2028

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson
Clinton River Water Resource Recovery Facility Drain Board

FROM: Razik Alsaigh, P.E., Civil Engineer III

SUBJECT: CRWRRF Optimization Project – Phase II Project
Recommendation for Award of Construction Contract

DATE: July 23, 2024

Two Bids for the CRWRRF Optimization – Phase II Project were received on July 2, 2024, and are summarized in the attached bid tabulation prepared by Jacob's Consultants, Inc. The low bid of \$35,893,916 was submitted by Clark Construction Company.

A pre-award meeting with Clark Construction Company was conducted by the WRC and Jacobs on July 3, 2024. Jacobs has reviewed the bidders' experience and qualifications. Based upon this review and the pre-award meeting, Jacobs has provided the attached letter recommending that the construction contract be awarded to Clark Construction Company. In light of Jacobs's recommendation and Clark Construction Company's record of satisfactory performance, I recommend the Drainage Board award the construction contract in the amount of \$35,893,916 to Clark Construction Company.

This project will be funded through a State Revolving Fund (SRF) loan. In order to begin construction of the project as soon as practicable and satisfy SRF funding requirements, we are requesting that the Drainage Board award the contract to Clark Construction Company, contingent upon securing funding, and authorize the Chairperson to execute the contract after funding is available.

Requested Action: Authorize the Chairperson to award the contract to Clark Construction Company contingent upon securing funding and execute the contract in the amount of \$35,893,916 after funding becomes available.

**A RESOLUTION TO TENTATIVELY AWARD A CONSTRUCTION CONTRACT
FOR THE CRWRRF OPTIMIZATION – PHASE II PROJECT**

WHEREAS the Clinton River Water Resource Recovery Facility Drainage District wishes to construct improvements to its existing wastewater treatment plant; and

WHEREAS the CRWRRF Optimization- Phase II project will be funded through Michigan's Clean Water State Revolving Fund Program; and

WHEREAS the Clinton River Water Resource Recovery Facility Drainage District has sought and received construction bids for the proposed improvements and has received a low bid in the amount of \$35,893,916 from Clark Construction Company; and

WHEREAS the consulting engineer, Jacobs Consultants, Inc., has recommended awarding the contract to this low bidder.

NOW THEREFORE BE IT RESOLVED that the Clinton River Water Resource Recovery Facility Drainage District tentatively awards the contract for construction of the CRWRRF Optimization- Phase II project to Clark Construction Company, contingent upon successful financial arrangements with the Clean Water State Revolving Fund Program.

Yeas:

Nays:

Abstain:

Absent:

I certify that the above Resolution was adopted by the Drainage Board for the Clinton River Water Resource Recovery Facility Drainage District on July 23, 2024.

BY: Jim Nash, Chairperson
Clinton River Water Resource Recovery Facility Drainage District

Date



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Suite 4900
Bingham Farms, MI 48025-4710
T +1.248.633.1440
www.jacobs.com

July 5, 2024

Mr. Razik Alsaigh, P.E.
Oakland County Water Resources Commissioner's Office (WRC)
Clinton River Water Resource Recovery Facility
155 North Opdyke Road
Pontiac, MI 48342

**Subject: Clinton River WRRF Plant Optimization - Phase 2
Evaluation of Construction Bids**

Dear Mr. Alsaigh:

On May 23, 2024, an Advertisement for Bids was posted online on the BidNet Direct website for the construction of the Clinton River WRRF Plant Optimization – Phase 2 project. Bids were electronically received by OCWRC and on July 2, 2024, at 2:00 PM, bids were publicly “opened” and announced from the following bidders:

1. Clark Construction Company (Clark)
2. Weiss Construction Co., LLC (Weiss)

In accordance with the bidding documents, the following items were also provided by the bidders.

Item No.	Description
1.	Proposal, completed and signed acknowledging all addenda
2.	Certified check/ Cashier's check/ Bid bond (5%)
3.	Preliminary Schedule based on the Time noted in the Agreement and an anticipated Notice to Proceed date before 10/25/2024
4.	Completed Form DC-118 Experience and Qualification Statement
5.	Signed Vendor Certification that it is not an "Iran Linked Business"
6.	Contractor's OCIP Acknowledgement Form
7.	Escrow Bid Documents for three lowest Bidders within one business day of Bid opening and Bid Document Certification – Acknowledgement that this will be provided.
8.	Signed certification regarding Debarment, Suspension and Other responsibility matters
9.	Submit a list by name, trade and scope of work each and every Subcontractor who will perform Work with a value in excess of 10% of Bid Total

The Bid Table on the following page presents a summary and comparison of the bids received from the two Contractors. Allowances were included for building permits, utility connections and SCADA integration as shown in the Bid Sheets. The Contractors were required to provide values for Bid Item 5 - Design, Mobilization, Furnish, Install, Operate and Maintain Dewatering System and Discharge Water, and Bid Item 7 – All Other Work.

Date: 5 July 2024

Subject: Clinton River WRRF Plant Optimization - Phase 2
Evaluation of Construction Bids



BID TABLE

Bid Item	Bid Item Description	Clark	Weiss
1	Building Permit Allowance	\$ 40,000.00	\$ 40,000.00
2	Consumers Energy Allowance	\$ 20,000.00	\$ 20,000.00
3	Supervisory Control and Data Acquisition (SCADA) Allowance for Electrical System	\$ 320,600.00	\$ 320,600.00
4	Concrete Rehabilitation Allowance	\$ 100,000.00	\$ 100,000.00
5	Design, Mobilization, Furnish, Install, Operate and Maintain Dewatering System and Discharge Water	\$ 529,031.00	\$ 1,100,000.00
6	Mobile Organic Biofilm Process	\$ 2,120,000.00	\$ 2,120,000.00
7	All Other Work	\$ 32,764,285.00	\$ 36,296,164.00
	Total Bid Price (1 to 7)	\$ 35,893,916.00	\$ 39,996,764.00

As shown in the Bid Table, Clark was the apparent low bidder. The bids were within 11% of each other. For reference, the Engineer's Estimate of Probable Construction Cost was approximately \$40,000,000. The fact that the bids were lower than the Engineer's Estimate indicates good competition, even though there were only two bidders.

WRC and Jacobs conducted a Pre-Award meeting with Clark (with Mr. Colt Odeh) on July 3, 2024. The purpose of the meeting was to discuss and review Clark's understanding of the project scope, schedule and bid amount. Mr. Odeh confirmed that there were no exceptions with the technical requirements in the bid documents and felt comfortable with the bid amount. He also provided additional details of the major subcontractors, manufacturers and schedule, which demonstrated a good understanding of the project. Mr. Odeh indicated Substantial Completion should be achieved within three years from Notice to Proceed, as required by the bid documents.

Given the short time between receiving the bids on July 2 and the need to provide a bid recommendation for State Revolving Fund (SRF) purposes only July 8, WRC and Jacobs relied upon the review of nearly identical information provided by Clark last year for the Phase 1 Plant Optimization project at the Clinton River WRRF. At that time, Jacobs contacted three of the references provided by Clark for recent projects, which were again provided in Clark's bid documents because the projects are still ongoing. Last year, the references were satisfied with Clark's performance and did not provide any negative feedback.

It is noted that WRC and Jacobs have been working with the proposed Clark team on the Phase 1 Plant Optimization project since November 2023 (nearly nine months out of a three year project). Physical construction began in late April 2024. Although some work has been slow to get started, the Clark team and initial construction activity have been acceptable.

Considering the above information, Clark was determined to be the lowest responsible and responsive bidder. Therefore, we recommend Clark as the construction contractor for this project.

Date: 5 July 2024

Subject: Clinton River WRRF Plant Optimization - Phase 2
Evaluation of Construction Bids



Please do not hesitate to contact me at 616-430-9298 if you have any questions or require additional information related to our evaluation of the construction bids.

Yours sincerely,

A handwritten signature in black ink that reads "Allen Gelderloos".

Allen Gelderloos, P.E.
Project Manager

cc: Gary Nigro, WRC
Joel Brown, WRC

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairman Clinton River Water Resource Recovery Facility Drain Board

FROM: Razik Alsaigh, P.E., Civil Engineer III

SUBJECT: CRWRRF Optimization Project – Phase II Project Cost Estimate

DATE: July 23, 2024

At its November 15, 2022, meeting, the Drainage Board for the Clinton River Water Resource Recovery Facility Drainage District authorized the award of the CRWRRF Optimization Project design to Jacobs Consultant, Inc. Three months later, on February 28, 2023, the Board authorized the award of the CRWRRF Optimization Project Construction Manager at Risk to Walsh Construction Group.

Since then, Walsh developed cost estimates based on design documents that exceeded the initial anticipated project cost. The project had two parts. The first part was intended to deal with the electrical components while the second part is focused on improvements of the treatment capabilities of the secondary clarifiers. Accordingly, the Optimization Project is being separated into two phases. The CRWRRF Optimization Project Phase I was bid last summer, while Phase II was temporarily suspended.

Subsequently, it was discovered that the original selected secondary treatment improvement option was more expensive than anticipated. Additionally, its construction was more precarious because of proposed extensive excavation close to existing structures. A new technology option for the secondary treatment improvement, called a Mobile Organic Biofilm System, was investigated in late 2023. This new technology is less expensive to implement and avoids the previous construction excavation concerns. At its January 23, 2024, meeting, the Drainage Board for the Clinton River Water Resource Recovery Facility Drainage District authorized the award of the CRWRRF Optimization Project Phase II design using Mobile Organic Biofilm System for the improvement of the secondary treatment at the Auburn Plant to Jacobs Consultant, Inc.

Since then, the project was designed and construction was advertised, and construction bids were received. The received bids were within the construction cost estimate from Jacobs Consultant prior to bidding. Also, other minor cost adjustments were performed due to the state cost review and adjusted cost on non-construction contractor costs. The engineer's estimate of the total project cost, based on the bid results and other adjustments, has been revised to \$47,915,000 as detailed in the attached estimate of project cost.

Requested Action: Accept the as-bid revised project cost allocation to be funded by a loan from the State Revolving Fund based on the engineer's revised estimate of total project cost in the amount of \$47,915,000.

Clinton River Water Resource Recovery Facility Drain Board
CRWRRF Optimization - Phase II
Project
Estimate Project Cost (After Bid Opening)
Updated 7/10/2024 - Submitted at Drain Board Meeting on 07-23-2024

1)	CONTRACTED SERVICES - CONSTRUCTION	
		\$ 35,893,915
		\$ 35,893,915
2)	CONTRACTED SERVICES - PROJECT DEVELOPMENT	
	Engineering -	
	Consulting Engineer (ENGCON)	
	Preliminary/Study Phase	\$ -
	Design & Bidding Phase (Jacobs)	\$ 1,516,645
	Construction Administration	\$ 1,574,891
	Resident Project Representative (RPR)	\$ 2,079,331
	Asset Mangement Update	\$ 15,000
	Geotechnical Exploration	\$ -
	Design Testing (ETC)	\$ 1,255
	Design Investigation (D'Angelo)	\$ 2,488
	Design Investigation (Mersino)	\$ 23,328
	Project Scheduler	\$ 200,000
	Lab Cost (New Process Evaluation)	\$ 24,968
	Construction Material Testing	\$ -
	Subtotal - Contracted Services - Project Development	\$ 5,437,906
3)	LEGAL AND FINANCIAL (Examples)	
	Easements (TBD Project Basis)	\$ -
	Legal Costs (2% to 20%) Depends if 342 is needed & ROW use higher range	\$ -
	Legal Contractual Assistance (DW)	\$ 100,000
	Financial Consultant (For Bond Sale Only) TBD	\$ 62,300
	Michigan Department of Treasury	\$ 1,100
	Bond Advertisement	\$ 2,500
	Bond Counsel (Bond Issue Only) TBD	\$ 147,900
	OCIP Insurance	\$ 1,792,075
	Official Statement (Bond Issues only) Roughly \$40,000	
	Wetland Mitigation (If needed)	\$ -
		\$ 2,105,875
4)	EASEMENTS	
	Temp Easement- N/A	
	Land Purchase/Appraisals- N/A	\$ -
	Subtotal - Easements	\$ -
4)	COUNTY SERVICES	
	Administration (ADM)	\$ 22,325
	Engineering (ENG)	\$ 1,584,139
	Permits Fees (ENG)	\$ 7,457
	Right-of-Way (ROW)	\$ -
	Inspection (INS)	\$ 136,880
	Surveying (SUR)	\$ 15,720
	Subtotal - County Services	\$ 1,766,521
6)	SUBTOTAL	\$ 45,204,218
	Contingency (6% of Total Project Cost)	\$ 2,712,253
7)	ESTIMATE OF PROJECT COST	\$ 47,916,471

VALUE FOR BUDGETING \$ 47,915,000

Prepared by: Razik Alsaigh, PE

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the CLINTON RIVER WATER RESOURCE RECOVERY FACILITY DRAIN - (Maintenance)

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund and Invoices

Payable To	Ref No.	For	Amount
USA Blue Book	PC00036106	Pcard - Lab Supplies # INV00406301	\$ 5,194.12
USA Blue Book	PC00036692	Pcard - Lab Supplies # INV00411013	2,552.34
USA Blue Book	PC00035932	Pcard - Lab Supplies # INV00401174	4,109.53
USA Blue Book	PC00036010	Pcard - Materials and Supplies # INV00405144	2,749.15
ALYKO Enterprises LLC	V # SINV00269531	Invoice # 24178 - Uniforms	3,922.10
D3W Industries	V # SINV00269518	Invoice # 4545 - Material and Supplies	5,720.00
D3W Industries	V # SINV00272158	Invoice # 4579 - Material and Supplies	5,720.00
D3W Industries	V # SINV00272281	Invoice # 4604 - Material and Supplies	5,720.00
Eurofins Environment Testing	V # SINV00273779	Invoice # 1900055061 - Lab Fees	1,057.20
Eurofins Environment Testing	V # SINV00273781	Invoice # 1900055062 - Lab Fees	1,057.20
Haviland Products Company	V # SINV00270160	Invoice # 509489 - Chemical Treatment	7,264.64
Haviland Products Company	V # SINV00272160	Invoice # 509944 - Chemical Treatment	6,051.00
Haviland Products Company	V # SINV00272162	Invoice # 510429 - Chemical Treatment	7,519.00
Haviland Products Company	V # SINV00273788	Invoice # 511128 - Chemical Treatment	6,051.00
Haviland Products Company	V # SINV00273789	Invoice # 511129 - Chemical Treatment	5,417.00
Haviland Products Company	V # SINV00273790	Invoice # 511279 - Chemical Treatment	7,210.74
Haviland Products Company	TBP	Invoice # 511280 - Chemical Treatment	7,547.60
HOH Water Technology	V # SINV00273791	Invoice # 679957 - Contracted Services	2,050.00
Ingersoll Rand	V # SINV00269519	Invoice # 31143164 - Equipment Maintenance	3,163.53
LaSalle Agri Inc	V # SINV00272267	Invoice # 28 - Land Application	34,949.25
Mechanical System Services	V # SINV00270164	Invoice # 231110 - Contracted Services	2,540.00
PVS Technologies Inc	V # SINV00269523	Invoice # 358817 - Chemical Treatment	4,791.36
PVS Technologies Inc	V # SINV00269522	Invoice # 358818 - Chemical Treatment	2,403.12
PVS Technologies Inc	V # SINV00271076	Invoice # 359453 - Chemical Treatment	4,989.76
PVS Technologies Inc	V # SINV00271075	Invoice # 359573 - Chemical Treatment	2,408.08
PVS Technologies Inc	V # SINV00273792	Invoice # 360243 - Chemical Treatment	6,093.12
PVS Technologies Inc	TBP	Invoice # 360300 - Chemical Treatment	2,878.92
Polydyne Inc	V # SINV00270166	Invoice # 1843941 - Chemical Treatment	49,236.00
Saber Building Services Inc	V # SINV00272166	Invoice # 44951 - Contracted Services - July 2024	1,800.00
United Lawnscape	V # SINV00273794	Invoice # UE 609856 - Contracted Services	2,428.00
Waste Management	V # SINV00272261	Invoice # 8765419 -1714-5 Garbage & Rubbish Disposal	2,973.23
Waste Management	V # SINV00272264	Invoice # 8765418 -1714-7 Garbage & Rubbish Disposal	1,302.53
Waste Management	TBP	Invoice # 8765444 -1714-3 Garbage & Rubbish Disposal	1,252.37
Subtotal			\$ 210,121.89
Bedrock Express Ltd	V # SINV00272157	Invoice # 33907 - Material and Supplies - Proj # 1-3517	\$ 1,296.07
Subtotal - Project 1-3517			\$ 1,296.07
Jacobs	V # SINV00273957	Invoice # 5R / C6A21702-5 - Engineering & Survey - Proj # 1-7515	\$ 48,793.00
Subtotal - Project 1-7515			\$ 48,793.00
OHM Advisors	V # SINV00273168	Invoice # 76899 - Professional Services - 6/15/24 Proj # 1-7047	\$ 3,214.00
Subtotal - Project 1-7047			\$ 3,214.00
Process Piping & Equipment Inc	TBP	Invoice # 23-09-003 - Contracted Services Proj # 1-3525	\$ 50,145.88
Subtotal - Project 1-3525			\$ 50,145.88
CSM Mechanical	TBP	Invoice # 3524 - Contracted Services - Proj # 1-3492	\$ 13,200.00
Subtotal - Project 1-3492			\$ 13,200.00

Hamlett Environmental Technologies J.G.M. Value Corporation	V # SIN00269533	Invoice # 2024214 - Contracted Services - Proj # 1-3470	\$	1,161.00
	V # SIN00269521	Invoice # 24-16420 - Material and Supplies - Proj # 1-3470	\$	5,257.00
		Subtotal - Project 1-3470	\$	6,418.00
DuBois-Cooper	TBP	Invoice # 076 - Equipment Replacement - Proj # 1-3042	\$	11,563.16
		Subtotal - Project 1-3042	\$	11,563.16
Hubbell Roth & Clark Inc Hubbell Roth & Clark Inc	V # SINV00273163	Invoice # 0217593 - Engineering & Survey -05/25/24 - Proj 1-3679	\$	9,573.68
	V # SINV00273836	Invoice # 0218183 - Engineering & Survey -06/22/24 - Proj 1-3679	\$	2,463.12
		Subtotal - Project 1-3679	\$	12,036.80
			Total \$	356,788.80

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the CLINTON RIVER WATER RESOURCE RECOVERY FACILITY DRAIN - (Construction)

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Board approval of payment of the following invoices:

	Ref No.	For	Amount
Davis & Davis Law Offices PLC	V # SINV00273301	Invoice # OCWRC-06-25-24 - Legal Services - 01/17/24 - 06/25/24	\$ 9,493.75
		Total	\$ 9,493.75
NTH Consultants Ltd	V # SINV00273841	Invoice # 636318 - Engineering Admin - 06/28/24 - Proj 1-2181	\$ 3,859.00
		Total for Project # 1-2181	\$ 3,859.00
Jacobs Consultant, Inc	V # SINV00273840	Invoice # C6A21700-18- Engineering and Survey - 06/28/24 - Proj # 1-7461	\$ 60,545.47
		Total for Project # 1-7461	\$ 60,545.47
		Total	\$ 73,898.22

6. Evergreen-Farmington Sanitary Drain

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Present Memorandum from Steve Korth, P.E., Chief Manager, dated July 23, 2024, requesting the Board distribute GLWA Highland Park Bad Debt Recovery credit directly to the Drainage District's customers in the amount shown in the supporting documentation
5. Present Construction Estimate No. 28 for Walsh Construction Company II, LLC for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,855,886.68 with a transfer to the Oakland County Treasurer in the amount of \$206,209.63
6. Present Construction Estimate No. 10 for Dan's Excavating for Construction of the 8 Mile Road Corrective Action Plan – Phase 2 in the amount of \$42,731.66
7. Present request for Board approval of payment of invoices from the Evergreen Farmington Sanitary Drain in the amount of \$142,978.16
8. Other business
9. Approve pro rata payment to Drainage Board members
10. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE EVERGREEN -FARMINGTON SANITARY DRAIN**

June 25, 2024

A meeting of the Drainage Board for the Evergreen-Farmington Sanitary Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25th day of June 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held May 21, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A memorandum from Sara Rubino, Government Policy Attorney, dated June 25, 2024, requesting the Board approve the Congressional Community Project Grant agreement and authorize Oakland County to administer the grant pursuant to its terms was presented. It was moved by Woodward, supported by Nash, to approve the Congressional Community Project Grant agreement and authorize Oakland County to administer the grant pursuant to its terms as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 27 for Walsh Construction Company II, LLC for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,361,486.33 with a transfer to the Oakland County Treasurer in the amount of \$151,276.26 was presented. It was moved by Woodward, supported by Nash, to approve Construction Estimate No. 27 for Walsh Construction Company II, LLC for the 8 Mile Road Pump Station & SSO Chamber Improvements – Phase 1 in the amount of \$1,361,486.33 with a transfer to the Oakland County Treasurer in the amount of \$151,276.26 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 9 for Dan's Excavating for Construction of the 8 Mile

Road Corrective Action Plan – Phase 2 in the amount of \$1,826,617.30 was presented. It was moved by Woodward, supported by Nash, to approve Construction Estimate No. 9 for Dan's Excavating for Construction of the 8 Mile Road Corrective Action Plan – Phase 2 in the amount of \$1,826,617.30 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No. 8 for Midwest Power Systems for Construction of the Lathrup Sanitary Retention Tank Improvements in the amount of \$224,382.08 was presented. It was moved by Woodward, supported by Nash, to approve Construction Estimate No. 8 for Midwest Power Systems for Construction of the Lathrup Sanitary Retention Tank Improvements in the amount of \$224,382.08 as presented.

ADOPTED: Yeas - 2
Nays - 0

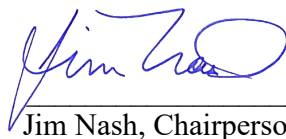
A request for approval of payment of invoices from the Evergreen Farmington Sanitary Drain in the amount of \$352,948.56 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices from the Evergreen Farmington Sanitary Drain in the amount of \$352,948.56 as presented.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

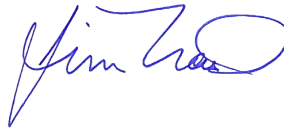


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Evergreen-Farmington Sanitary Drain, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Evergreen-Farmington Sanitary Drain Drainage District.



Jim Nash, Chairperson

Dated: June 25, 2024

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairperson
Evergreen Farmington Sanitary Drain Drainage Board

FROM: Steven Korth, P.E., Chief Manager

SUBJECT: GLWA Highland Park Bad Debt Recovery Credits Methodology

DATE: July 23, 2024

The City of Highland Park owed GLWA \$55 million in unpaid water and sewer bills as of January 2024. GLWA, at its June 26, 2024, Board meeting, approved a \$15 million credit to sewer customers related to the Highland Park bad debt. Evergreen Farmington Sanitary Drain Drainage District's portion is \$1,875,900 of the total credit.

The GLWA resolution along with supporting documentation is included with this memorandum.

Recommended Action: Distribute credit directly to the drainage district customers in the amounts shown in the supporting documentation.

Customer

Auburn Hills	14,399.97
Beverly Hills	77,014.39
Bingham Farms	9,759.84
Birmingham	123,154.87
Bloomfield Hills	42,610.95
Bloomfield Township	299,088.59
Franklin	10,887.27
Lathrup Village	40,810.43
Southfield	443,917.04
Troy	77,893.61
Farmington	15,977.53
Farmington Hills	388,656.15
Keego Harbor	16,717.93
Orchard Lake Village	16,276.21
West Bloomfield Township	249,805.61
Acacia Park RTB	13,600.67
Birmingham RTB	15,859.74
Bloomfield RTB	19,469.20
Total	1,875,900.00

Table 1 - Water System proposed budget amendments and tagging of funds for credits

Water System	FY 2024 Board Adopted Budget	Total 1st Quarter FY 2024 Amendments	FY 2024 Amended Budget	FY 2024 Activity Thru 8/31/2023
Revenues				
Suburban Wholesale Customer Charges	\$ 340,540,600	\$ (4,000,000)	\$ 336,540,600	\$ 61,756,600
Less: Bad Debt Expense	-	-	-	-
Less: Pending Bad Debt Recovery Credit	-	(5,026,500)	(5,026,500)	-
Retail Service Charges	25,537,200	-	25,537,200	4,256,200
Investment Earnings	4,061,700	8,000,000	12,061,700	2,352,800
Other Revenues	175,000	265,000	440,000	236,100
Total Revenues	\$ 370,314,500	\$ (761,500)	\$ 369,553,000	\$ 68,601,700
Revenue Requirements				
Operations & Maintenance Expense	\$ 152,906,400	\$ 10,194,100	\$ 163,100,500	\$ 25,161,400
General Retirement System Legacy Pension	-	-	-	-
Debt Service	159,482,800	3,872,800	163,355,600	26,932,500
General Retirement System Accelerated Pension	3,395,500	(1,890,000)	1,505,500	565,900
Extraordinary Repair & Replacement Deposit	-	-	-	-
Water Residential Assistance Program Contribution	1,851,600	-	1,851,600	308,600
Regional System Lease	22,500,000	-	22,500,000	3,750,000
DWSD Budget Shortfall Pending	-	-	-	-
Receiving Fund Working Capital Requirement	-	1,500,000	1,500,000	-
Improvement & Extension Fund Transfer Pending	30,178,200	(14,438,400)	15,739,800	5,029,700
Total Revenue Requirements	\$ 370,314,500	\$ (761,500)	\$ 369,553,000	\$ 61,748,100
Net Actual to Date	\$ -	\$ -	\$ -	\$ 6,853,600
<i>Regional System Debt Service Coverage Ratio</i>				
- With Credits	1.36	(0.10)	1.26	
- Without Credits	1.36	(0.07)	1.29	

Table 2 - Sewer System proposed budget amendments and tagging of funds for credits

Sewer System	FY 2024 Board Adopted Budget	Total 1st Quarter FY 2024 Amendments	FY 2024 Amended Budget	FY 2024 Activity Thru 8/31/2023
Revenues				
Suburban Wholesale Customer Charges	\$ 282,687,600	\$ -	\$ 282,687,600	\$ 47,142,400
Less: Bad Debt Expense	-	-	-	-
Less: Pending Bad Debt Recovery Credit	-	(15,000,000)	(15,000,000)	-
Retail Service Charges	196,569,600	-	196,569,600	32,761,600
Industrial Waste Control Charges	8,584,200	-	8,584,200	1,437,400
Pollutant Surcharges	5,328,300	-	5,328,300	554,800
Investment Earnings	7,057,300	9,000,000	16,057,300	3,236,300
Other Revenues	400,000	317,000	717,000	362,000
Total Revenues	\$ 500,627,000	\$ (5,683,000)	\$ 494,944,000	\$ 85,494,500
Revenue Requirements				
Operations & Maintenance Expense	\$ 205,643,700	\$ 14,484,700	\$ 220,128,400	\$ 34,669,500
General Retirement System Legacy Pension	-	-	-	-
Debt Service	228,328,300	3,836,900	232,165,200	38,705,900
General Retirement System Accelerated Pension	6,479,300	(3,382,500)	3,096,800	1,079,900
Extraordinary Repair & Replacement Deposit	-	-	-	-
Water Residential Assistance Program Contribution	2,503,100	-	2,503,100	417,200
Regional System Lease	27,500,000	-	27,500,000	4,583,300
DWSD Budget Shortfall Pending	-	-	-	-
Improvement & Extension Fund Transfer Pending	30,172,600	(20,622,100)	9,550,500	5,028,800
Total Revenue Requirements	\$ 500,627,000	\$ (5,683,000)	\$ 494,944,000	\$ 84,484,600
Net Actual to Date	\$ -	\$ -	\$ -	\$ 1,009,900
<i>Regional System Debt Service Coverage Ratio</i>				
- With Credits	1.29	(0.11)	1.18	
- Without Credits	1.29	(0.04)	1.25	



Judicial Resource Services PC

Facilitation - Mediation

28800 8 Mile Road, Suite 111
Farmington Hills, MI 48336

T: 248-888-9922
F: 248-888-9955

James J. Rashid
Circuit Judge, Retired

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Dates@JRSADR.com

MEDIATION COMMUNICATION

Term Sheet– 10/18/2023

1. The Great Lakes Water Authority (GLWA), the City of Highland Park (HP), and the State of Michigan (SOM) shall enter into a settlement agreement by January 15, 2024 that incorporates the basic terms set forth below including mutually agreeable release language. The various documents referenced and necessary to effectuate this term sheet shall be attached, signed, and incorporated as a part of that agreement by that date. In addition, the Department of Environment, Great Lakes and Energy (EGLE) will either amend or replace its July 28, 2017 Administrative Consent Order (ACO) by January 15, 2024 to incorporate the terms set forth below that are specific to HP.
2. The SOM shall:
 - a. Pay for the reasonable and necessary cost to install water master meter(s) on water lines and sufficient temporary meters to estimate the sewage flow produced by HP. Metro Consulting (Metro) will be responsible for conducting the necessary work to install the meters. EGLE shall oversee that work pursuant to its regulatory authority. Metro will submit a proposal(s) to EGLE for this work, which will include the number and placement location of those meters in accordance with the provisions below. Metro will consult with GLWA in preparing the proposal(s). EGLE must approve in writing any proposal before installation of meters or implementation begins. In addition:
 - i. The water master meter(s) and temporary sewage metering devices will be installed subject to GLWA's specifications.
 - ii. The water master meter(s) shall be installed at all open points of connection between HP and GLWA.
 - iii. Upon transfer, GLWA will own, operate, and maintain the water master meter(s). HP shall be responsible for the cost of maintaining and operating the sewer meters.
 - iv. HP and GLWA shall agree to a third party and procedures to maintain and operate the sewer meters including the sharing of data produced by the meters. If the parties cannot agree to a third party or the procedures associated with operation, SOM shall identify the third party and prescribe the procedures.
 - v. HP shall have the same access to the Wholesale Automated Meter Reading (WAMR) system and Greater Detroit Regional Sewer System (GDRSS) data for the installed HP water and sewer meters as all other customer communities served by GLWA.



Judicial Resource Services PC

Facilitation - Mediation

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- vi. HP shall have the right to annually inspect the water master meter(s) and sewer meters upon request.
 - vii. Unless otherwise agreed by the parties, the water master meter(s) and sewage metering devices for HP shall be installed within one year of the execution of the settlement agreement and accompanying documents. HP shall provide full access to meter locations to complete the work timely.
- b. Pay for work necessary to complete water main and service line replacement efforts within the boundaries of HP. EGLE shall have responsibility for determining the necessary work, including conducting or supervising this work.
- c. Release the \$25M sewer infrastructure grant funds previously allocated in the FY 2023 budget to GLWA on or before December 31, 2023 and appropriate a \$5M grant for work to be conducted by GLWA on drinking water infrastructure.
3. HP shall continue to retain Metro to operate HP's water and sewer operations, which includes all billing, collections, maintenance, and improvements. If for any reason, Metro ceases to be HP's operator, then subject to SOM's approval, HP will retain another entity to conduct these operations. Subject to all terms and conditions of the settlement agreement and the contract between GLWA and HP, beginning January 1, 2024 and on a going forward basis, HP shall pay the full amount of GLWA's monthly charges pursuant to the terms of any contract between GLWA and HP.
4. HP will enter into contracts based on GLWA's model contract by January 15, 2024 covering the period of January 1, 2014 to December 31, 2044 for water and sewer services.
- i. The settlement agreement and contracts shall require all amounts paid for HP water, sewer (including industrial waste control) and stormwater services be placed into a trust in which the trustee pays GLWA and any remaining amounts to HP on the same date. Any grants or loans from SOM to HP for infrastructure projects shall not be part of or included in the trust.
 - ii. Except to enforce the conditions of this term sheet and the settlement agreement, to the extent that any future disputes arise between HP and GLWA over water and sewer services, which the parties are unable to resolve within 30-days' notice of that dispute, HP and GLWA agree to resolve such disputes through expedited mandatory arbitration pursuant to Michigan statute and court rule that shall be binding upon them. For a charge or billing dispute, the trustee must place in escrow the amount in dispute.



Judicial Resource Services PC

Facilitation - Mediation

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-
- iii. Once the master water meter(s) is installed, HP shall be treated as part of the master metered customer class.
 - iv. For five years commencing on the date of this agreement, the model water contract will allow for Highland Park's max day and peak hour water volume demand to be updated annually as Highland Park continues to "dry up" its system by replacing water mains and lead service lines, or completing other infrastructure improvements that would impact Highland Park's water demand requirements.
5. HP and EGLE will either revise the current ACO or replace it with a new one to incorporate the terms set forth in this term sheet that are specific to HP. That ACO shall remain effective and in effect until January 1, 2044 after which it may be terminated if HP has met all of its terms.
6. Until metering data can be used to project water and sewer charges:
- a. For services provided until December 31, 2023, HP will continue to pay or the trustee will pay on HP's behalf 65% of any and all amounts received by HP in payment of bills for water and wastewater treatment services.
 - b. Effective January 1, 2024, subject to and conditioned upon execution by all parties of the settlement agreement by January 15, 2024, GLWA will reduce HP's water charges based on reductions in usage volume due to documented repairs of leaks up to 25 percent of its current water usage.
 - c. Effective January 1, 2024, subject to and conditioned upon execution by all parties of the settlement agreement by January 15, 2024, GLWA will also provide a settlement credit of \$60,000 per month to HP on its sewage charges until June 30, 2024 subject to the following:
 - i. HP may fully participate in GLWA's share and charge process for FY 2025.
 - ii. Beginning July 1, 2024, HP shall receive the lesser of (A) the current FY 2024 sewage charges and credit or (B) the new FY 2025 share and resulting charges.
 - iii. This settlement credit will terminate no later than June 30, 2025.
7. Once 12 months of quality metering data is available to project estimated annual water and sewer flows, GLWA charges to HP shall be based on that data and future data.
8. HP shall increase its water and sewer rates by adopting an interim amended budget no later than December 2023, for the period of January 1, 2024 to June 30, 2024. For all subsequent fiscal years, Metro shall annually retain an independent rate analyst, subject to the approval of the SOM, to calculate necessary adjustments in its water



Judicial Resource Services PC

Facilitation - Mediation

28800 8 Mile Road, Suite 111
Farmington Hills, MI 48336

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James J. Rashid
Circuit Judge, Retired

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Dates@JRSADR.com

and sewer rates to ensure that the budget for HP's water and sewer operations is sufficient to ensure payment of all GLWA charges and all overhead, maintenance, and operational costs associated with its water and sewer operations. The analyst will recommend necessary rates changes to HP and HP shall annually adjust its water and sewer rates in accordance with the recommendations of the rate analyst.

9. Upon effectuation of the settlement agreement, its attachments and related documents, including initial funding consistent with this agreement and after receipt by the trustee of one month of HP's water and sewer receipts and distribution of one month's payment of funds to GLWA under Paragraph 4.i, all litigation between GLWA, Detroit Water and Sewerage Department (DWSD), HP, or SOM shall be dismissed with prejudice according to the following:
 - a. The judgment entered in Wayne County Circuit Court Case No. 2014-001974-CK shall be released or deemed satisfied, and HP shall dismiss its pending appeal from that action (COA Case No. 367193). The court shall retain jurisdiction to enforce the terms of the settlement agreement, which will be entered by the court as a consent judgment.
 - b. HP and GLWA shall submit a proposed stipulated order of dismissal of Wayne County Circuit Court Case No. 20-011589.
 - c. HP shall dismiss its appeal (COA Case No. 362416) from Wayne County Circuit Court Case No. 22-004754-CB and shall release and waive any further challenge to GLWA's rules that were the subject of that action.
 - d. GLWA and SOM shall submit a stipulated order of dismissal of Court of Claims Case No. 2021-000151.
 - e. HP and SOM will submit a proposed stipulated order of dismissal in Court of Claims Case No. 19-000129-MZ.
 - f. HP and GLWA shall submit a proposed stipulated order setting aside the Amended Consent Judgment dated June 18, 1996 in E.D. Mich. Case No. 92-CV7677-DT and 94-CV-73135-DT
10. The \$241,418.75 cash bond deposited by HP with the U.S. District Court Clerk shall be released to GLWA from E.D. Mich. Case No. 16-cv-13840.
11. Upon approval of this term sheet by HP, SOM, and GLWA, not later than October 23, 2023, GLWA and HP shall submit a signed copy of the term sheet to, and submit a request for, a stipulated Stay of the October 24, 2023, Status Conference and all further proceedings in Judge Joseph's Case No. 14-001974 and all appellate proceedings from that case, Case COA Docket No. 367193, until January 15, 2024.
12. Upon execution and approval of this term sheet by HP, SOM, and GLWA, not later than October 27, 2023, GLWA and HP shall submit:



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- a. a signed copy of the term sheet to, and submit a request for, a stipulated Stay of the November 2, 2023, Status conference and all further proceedings in Judge Berry's Case No 20-011589 until January 15, 2024.
 - b. a signed copy of the term sheet to, and submit a request for, a stipulated Stay of Petition for Rehearing in Banc in 6th circuit case no. 22-1288, until January 15, 2024.
 - c. Stipulate to a stay of all proceedings in HP's appeal (COA Case No. 362416) from Wayne County Circuit Court Case No. 22-004754-CB.
13. This term sheet is conditional and dependent upon (a) final approval of terms by the Governor, (b) appropriation of funds from the legislature to the extent necessary, and (c) approval by the governing bodies of GLWA, and any other necessary party on or before October 26, 2023.

City of Highland Park:

Shirley M. Dell
Mayor
10/19/2023

Dated:

Brenda Green
City Clerk
10/19/23

State of Michigan:

[Signature]
Dated: 10/19/23

Great Lakes Water Authority:

Suzanne R. Coffey
Chief Executive Officer
10/20/2023

Dated:

Highland Park Bad Debt Synopsis
Allocation of Potential Subsequent Recovery Credit to **Water and Sewer** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <u>Debt</u>	Initial Recovery <u>Credit</u> <i>(b)</i>	Pending Subsequent Recovery <u>Credit</u> <i>(c)</i>	Total Recovery <u>Credit</u> <i>(3) + (4)</i>
<u>Water Charges</u>					
Macomb	\$1,127,700	21.9%	\$27,400	\$1,100,300	\$1,127,700
Oakland	1,471,900	28.6%	36,100	1,435,800	1,471,900
Wayne <i>(excl. Detroit)</i>	1,516,100	29.4%	36,900	1,479,200	1,516,100
Other	394,600	7.7%	9,700	384,900	394,600
Detroit	642,200	12.5%	15,900	626,300	642,200
Total	\$5,152,500	100.0%	\$126,000	\$5,026,500	\$5,152,500
<u>Sewer Charges</u>					
Macomb <i>(d)</i>	\$8,565,900	24.0%	\$209,900	\$3,603,500	\$3,813,500
Oakland <i>(e)</i>	14,419,900	40.4%	353,500	6,066,200	6,419,600
Wayne <i>(excl. Detroit)</i>	12,670,600	35.5%	310,600	5,330,300	5,640,900
Other	NA	NA	NA	NA	NA
Detroit	NA	NA	NA	NA	NA
Total	\$35,656,400	100.0%	\$874,000	\$15,000,000	\$15,874,000
<u>Combined Water and Sewer Charges</u>					
Macomb <i>(d)</i>	\$9,693,600	23.8%	\$237,300	\$4,703,800	\$4,941,200
Oakland <i>(e)</i>	15,891,800	38.9%	389,600	7,502,000	7,891,500
Wayne <i>(excl. Detroit)</i>	14,186,700	34.8%	347,500	6,809,500	7,157,000
Other	394,600	1.0%	9,700	384,900	394,600
Detroit	642,200	1.6%	15,900	626,300	642,200
Total	\$40,808,900	100.0%	\$1,000,000	\$20,026,500	\$21,026,500
Industrial Waste Control *			0	0	0
			\$1,000,000	\$20,026,500	\$21,026,500

* Highland Park IWC Bad Debt was not directly included in charges to any customer

(a) Reflects different historical time frames for Water and Sewer Charges.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(b) Includes 60% of Sewer amounts for the Oakland Macomb Interceptor Drain District

(c) Includes 40% of Sewer amounts for the Oakland Macomb Interceptor Drain District

Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u>	Relative Share of Highland Park Bad <u>Debt</u>	Initial Recovery <u>Credit</u>	Pending Subsequent Recovery <u>Credit</u>	Total Recovery <u>Credit</u>
	(a)		(b)	(c)	(3) + (4)
1 Allen Park	\$33,900	0.66%	\$800	\$33,100	\$33,900
2 Almont Village	3,300	0.06%	100	3,200	3,300
3 Ash Township	11,700	0.23%	300	11,400	11,700
4 Belleville	4,300	0.08%	100	4,200	4,300
5 Berlin Township	10,600	0.21%	300	10,300	10,600
6 Brownstown Township	52,500	1.02%	1,300	51,200	52,500
7 Bruce Township	3,900	0.08%	100	3,800	3,900
8 Burtchville Township	4,700	0.09%	100	4,600	4,700
9 Canton Township	147,400	2.86%	3,600	143,800	147,400
10 Center Line	6,500	0.13%	200	6,300	6,500
11 Chesterfield Township	59,900	1.16%	1,500	58,400	59,900
12 Clinton Township	112,000	2.17%	2,700	109,300	112,000
13 Commerce Township	52,300	1.02%	1,300	51,000	52,300
14 Dearborn	159,100	3.09%	3,900	155,200	159,100
15 Dearborn Heights	52,600	1.02%	1,300	51,300	52,600
16 Eastpointe	21,900	0.43%	500	21,400	21,900
17 Ecorse	21,500	0.42%	500	21,000	21,500
18 Farmington	14,700	0.29%	400	14,300	14,700
19 Farmington Hills	129,600	2.52%	3,200	126,400	129,600
20 Ferndale	14,300	0.28%	300	14,000	14,300
21 Flat Rock	19,500	0.38%	500	19,000	19,500
22 Flint *	162,600	3.16%	4,000	158,600	162,600
23 Fraser	17,500	0.34%	400	17,100	17,500
24 Garden City	24,400	0.47%	600	23,800	24,400
25 Gibraltar	5,400	0.10%	100	5,300	5,400
26 Greenwood Township (DTE)	7,700	0.15%	200	7,500	7,700
27 Grosse Ile Township	16,900	0.33%	400	16,500	16,900
28 Grosse Pt. Park	20,900	0.41%	500	20,400	20,900
29 Grosse Pt. Shores	9,400	0.18%	200	9,200	9,400
30 Grosse Pt. Woods	20,200	0.39%	500	19,700	20,200
31 Hamtramck	10,600	0.21%	300	10,300	10,600
32 Harper Woods	12,200	0.24%	300	11,900	12,200
33 Harrison Township	22,200	0.43%	500	21,700	22,200
34 Hazel Park	10,300	0.20%	300	10,000	10,300
35 Highland Park (d)	0	0.00%	0	0	0
36 Huron Township	21,300	0.41%	500	20,800	21,300
37 Imlay City	19,500	0.38%	500	19,000	19,500
38 Imlay Township (Single User)	100	0.00%	0	100	100

TFG

Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru <u>FY 2022</u>	Relative Share of Highland Park Bad <u>Debt</u>	Initial Recovery <u>Credit</u>	Pending Subsequent Recovery <u>Credit</u>	Total Recovery <u>Credit</u>
	(a)		(b)	(c)	(3) + (4)
39 Inkster	20,400	0.40%	500	19,900	20,400
40 Keego Harbor	4,300	0.08%	100	4,200	4,300
41 Lapeer	21,900	0.43%	500	21,400	21,900
42 Lenox Township	4,000	0.08%	100	3,900	4,000
43 Lincoln Park	32,000	0.62%	800	31,200	32,000
44 Livonia	177,500	3.44%	4,300	173,200	177,500
45 Macomb Township	177,700	3.45%	4,300	173,400	177,700
46 Madison Heights	28,200	0.55%	700	27,500	28,200
47 Mayfield Township (KAMAX)	500	0.01%	0	500	500
48 Melvindale	9,200	0.18%	200	9,000	9,200
49 New Haven, Village of	5,700	0.11%	100	5,600	5,700
50 NOCWA	326,400	6.33%	8,000	318,400	326,400
51 Northville	11,800	0.23%	300	11,500	11,800
52 Northville Township	81,900	1.59%	2,000	79,900	81,900
53 Novi	131,200	2.55%	3,200	128,000	131,200
54 Oak Park	19,800	0.38%	500	19,300	19,800
55 Oakland GWK Drain District	1,000	0.02%	0	1,000	1,000
56 Plymouth	15,400	0.30%	400	15,000	15,400
57 Plymouth Township	65,000	1.26%	1,600	63,400	65,000
58 Redford Township	45,700	0.89%	1,100	44,600	45,700
59 River Rouge	9,800	0.19%	200	9,600	9,800
60 Riverview	12,400	0.24%	300	12,100	12,400
61 Rockwood	4,100	0.08%	100	4,000	4,100
62 Romeo	3,600	0.07%	100	3,500	3,600
63 Romulus	58,600	1.14%	1,400	57,200	58,600
64 Roseville	37,900	0.74%	900	37,000	37,900
65 Royal Oak Township	3,000	0.06%	100	2,900	3,000
66 Shelby Township	204,300	3.97%	5,000	199,300	204,300
67 SOCWA	335,500	6.51%	8,200	327,300	335,500
68 South Rockwood	1,600	0.03%	0	1,600	1,600
69 Southgate	32,100	0.62%	800	31,300	32,100
70 St. Clair Shores	43,200	0.84%	1,100	42,100	43,200
71 Sterling Heights	218,300	4.24%	5,300	213,000	218,300
72 Sumpter Township	9,600	0.19%	200	9,400	9,600
73 Sylvan Lake	3,400	0.07%	100	3,300	3,400
74 Taylor	67,000	1.30%	1,600	65,400	67,000
75 Trenton	25,800	0.50%	600	25,200	25,800
76 Troy	197,700	3.84%	4,800	192,900	197,700



Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <i>(b)</i>	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>
77 Utica	8,100	0.16%	200	7,900	8,100
78 Van Buren Township	48,700	0.95%	1,200	47,500	48,700
79 Walled Lake	12,200	0.24%	300	11,900	12,200
80 Warren	148,200	2.88%	3,600	144,600	148,200
81 Washington Township	32,800	0.64%	800	32,000	32,800
82 Wayne	43,500	0.84%	1,100	42,400	43,500
83 West Bloomfield Township	151,800	2.95%	3,700	148,100	151,800
84 Westland	89,300	1.73%	2,200	87,100	89,300
85 Wixom	36,200	0.70%	900	35,300	36,200
86 Woodhaven	24,200	0.47%	600	23,600	24,200
87 Ypsilanti Comm Util Auth	150,400	2.92%	3,700	146,700	150,400
88 Total Suburban Wholesale	4,510,300	87.54%	110,100	4,400,200	4,510,300
89 Detroit	642,200	12.46%	15,900	626,300	642,200
90 TOTAL	\$5,152,500	100.00%	\$126,000	\$5,026,500	\$5,152,500
<u>Summary by County</u>					
Macomb	\$1,127,700	21.89%	\$27,400	\$1,100,300	\$1,127,700
Oakland	1,471,900	28.57%	36,100	1,435,800	1,471,900
Wayne (excl. Detroit)	1,516,100	29.42%	36,900	1,479,200	1,516,100
Other	394,600	7.66%	9,700	384,900	394,600
Detroit	642,200	12.46%	15,900	626,300	642,200
Total	\$5,152,500	100.00%	\$126,000	\$5,026,500	\$5,152,500

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual purchased volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) Highland Park is NOT allocated responsibility for, NOR charged, an amount related to the Water debt they create - as they have never made a payment.

Highland Park Bad Debt Synopsis

Table 2 - Allocation of Pending Subsequent Recovery Credit to Sewer Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2008 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <i>(b)</i>	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>
1 OMID	\$8,281,000	23.22%	\$202,900	\$3,483,700	\$3,686,600
2 Rouge Valley	7,420,000	20.81%	181,900	3,121,500	\$3,303,400
3 Oakland GWK	6,495,000	18.22%	159,200	2,732,300	\$2,891,500
4 Evergreen Farmington	4,459,200	12.51%	109,300	1,875,900	\$1,985,200
5 SE Macomb San Dist	3,471,100	9.73%	85,100	1,460,200	\$1,545,300
6 Dearborn	2,769,000	7.77%	67,900	1,164,900	\$1,232,800
7 Grosse Pointe Farms	368,300	1.03%	9,000	154,900	\$163,900
8 Grosse Pointe Park	241,300	0.68%	5,900	101,500	\$107,400
9 Melvindale	192,600	0.54%	4,700	81,000	\$85,700
10 Farmington	153,300	0.43%	3,800	64,500	\$68,300
11 Center Line	126,200	0.35%	3,100	53,100	\$56,200
12 Allen Park	98,200	0.28%	2,400	41,300	\$43,700
13 Highland Park <i>(d)</i>	753,700	2.11%	18,500	317,100	\$335,600
14 Hamtramck	616,200	1.73%	15,100	259,200	\$274,300
15 Grosse Pointe	145,500	0.41%	3,600	61,200	\$64,800
16 Harper Woods	37,500	0.11%	900	15,800	\$16,700
17 Redford Township	24,300	0.07%	600	10,200	\$10,800
18 Wayne County #3	4,000	0.01%	100	1,700	\$1,800
19 Total	\$35,656,400	100.00%	\$874,000	\$15,000,000	\$15,874,000
<u>Summary by County</u>					
Macomb	\$8,565,900	24.02%	\$209,900	\$3,603,500	\$3,813,500
Oakland	14,419,900	40.44%	353,500	6,066,200	6,419,600
Wayne <i>(excl. Detroit)</i>	12,670,600	35.54%	310,600	5,330,300	5,640,900
Other	NA	NA	NA	NA	NA
Detroit	NA	NA	NA	NA	NA
Total	\$35,656,400	100.00%	\$874,000	\$15,000,000	\$15,874,000

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual contributed wastewater volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) Yes, Highland Park is allocated responsibility for, and charged, an amount related to the Sewer bad debt they create - reflecting the partial payments they have made.

Customer

Auburn Hills	14,399.97
Beverly Hills	77,014.39
Bingham Farms	9,759.84
Birmingham	123,154.87
Bloomfield Hills	42,610.95
Bloomfield Township	299,088.59
Franklin	10,887.27
Lathrup Village	40,810.43
Southfield	443,917.04
Troy	77,893.61
Farmington	15,977.53
Farmington Hills	388,656.15
Keego Harbor	16,717.93
Orchard Lake Village	16,276.21
West Bloomfield Township	249,805.61
Acacia Park RTB	13,600.67
Birmingham RTB	15,859.74
Bloomfield RTB	19,469.20
Total	1,875,900.00

INVOICE



Account Name	EVERGREEN-FARMINGTON
Account Number	CUS-0000100
Invoice Number	CIN-0000004
Invoice Date	Jul 1, 2024
Due Date	Aug 15, 2024

Billing Inquiries: (313) 965-9775
billing@glwater.org

EVERGREEN-FARMINGTON
RIEGLEA@OAKGOV.COM .
2100 PONTIAC LAKE RD
BLDG 41W/3RD FL.
WATERFORD, MI 48328
United States of America

June 2024 Services	
Sewage Disposal	\$3,099,400.00
Bad Debt Recovery Credit	-\$1,875,900.00
TOTAL CURRENT CHARGES \$1,223,500.00	

PAYMENT OPTIONS

By Check
GREAT LAKES WATER AUTHORITY
ATTN: TREASURY
P.O. BOX 441370
DETROIT, MI 48244-1370
Please include remittance with check

By Wire
ABA #: 042000013
Account #: 130121405893
ATTN: GLWA TREASURY
Email remittance information to
treasury@glwater.org

By ACH
ABA #: 021052053
Account #: 88136631
Attn: GLWA TREASURY
Email remittance information to
treasury@glwater.org

PLEASE DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT IF BY CHECK

Account Name	Account Number	Due Date	Amount Due
EVERGREEN-FARMINGTON	CUS-0000100	Aug 15, 2024	\$1,223,500.00
AMOUNT REMITTED			\$

EVERGREEN-FARMINGTON
2100 PONTIAC LAKE RD
BLDG 41W/3RD FL.
WATERFORD, MI 48328
United States of America

You may access your meter data at GDRSS Portal
gdrss.glwater.org

Obtain a user login by calling (313) 267-1474 or by email at
gdrss@glwater.org

REMIT TO: Great Lakes Water Authority
Attn: Treasury
P.O. Box 441370
Detroit, MI 48244-1370

**Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
8 Mile Road CAP 8 Mile Road Pump Station & SSO Chamber Improvements - Phase 1
Southfield
Oakland County, Michigan**

Construction Estimate No. 28

June 1, 2024 to Jun 30, 2024

Department No. : 6010101
Fund No. : FND84410
Project No. : PRJ-17452

Account No. : 730352
Program No. : PRG149015
Activity : FAC

Vendor No. : 23191

Contract No. : 6628

Date of Contract : 2/2/2022

Completion Date : 8/13/2027

Contractor :
Walsh Construction Company II, LLC
3031 W Grand Blvd, Suite 640
Detroit, MI 48202

Original Contract Amount:		\$0.00
Previous Change Order Numbers: CO Nos. 1 through 9.		\$50,512,444.14
Change Orders This Estimate Number:		\$0.00
Total Net Change Orders:		\$50,512,444.14
<u>Adjusted Contract Amount:</u>		<u>\$50,512,444.14</u>
Subtotal To Date: (Sheet 2 of 3 Column 7)		\$23,307,003.06
Less Deductions to Date: (Sheet 2 of 3 Column 7)		\$0.00
Gross Estimate: (Work in Place)	46.14%	\$23,307,003.06
Less Amount Reserved: (10% of Gross Estimate)		\$2,330,700.31
Total Amount Allowed To Date:		\$20,976,302.75
Less Previous Estimates:		\$19,120,416.07
Net Payment Request To Be Paid To Contractor:		\$1,855,886.68
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$27,205,441.08	Accounting Auditor:
Less Previous Transfers To Reserve:		\$2,124,490.68
<u>Amount of Current Transfer:</u>		<u>\$206,209.63</u>

Prepared by: Charles J. Roarty, Jr., P.E. - NTH Consultants

Date: 2024 07 12

Recommended by: Joe Siwek, P.E. - Consulting Engineer (Fishbeck)

Date: 7/12/2024

Recommended by: Evangelos Bantios, P.E. - Project Engineer

Date: _____

Approved by: Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by Board on: _____

**JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER**

Jim Nash, Oakland County Water Resources Commissioner
Evergreen Farmington Sanitary Drain Drainage District
For Construction of 8 Mile Road CAP Phase 2 - 8 Mile Pump Station 54-Inch Relief Forcemain
Southfield, Michigan

Construction Estimate No. 10

June 1, 2024 to Jun 30, 2024

Department No. : 6010101
Fund No. : FND84410
Project No. : PRJ-17452

Account No. : 730352
Program No. : PRG149015
Activity : FAC
Vendor No. : 40260
Contract No. : 10305
Date of Contract : 7/17/2023
Completion Date : 1/12/2025

Contractor :
Dan's Excavating, Inc.
12955 23 Mile Road
Shelby Township, MI 48315

Original Contract Amount: \$10,381,154.00

Previous Change Order Numbers: CO Nos. 1 and 2 \$214,293.91

Change Orders This Estimate Number: \$0.00

Total Net Change Orders: \$214,293.91

Adjusted Contract Amount: \$10,595,447.91

Subtotal To Date: (Sheet 2 of 2 Column 7) \$9,845,804.12

Less Deductions to Date: (Sheet 2 of 2 Column 7) \$0.00

Gross Estimate: (Work in Place) 92.92% \$9,845,804.12

Less Amount Reserved: (5% of Adjusted Contract Amount) \$529,772.40

Total Amount Allowed To Date: \$9,316,031.72

Less Previous Estimates: \$9,273,300.06

Net Payment Request To Be Paid To Contractor: \$42,731.66

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$749,643.79 Accounting Auditor:

Less Previous Transfers To Reserve: \$529,772.40

Amount of Current Transfer: \$0.00

Prepared by: 
Charles J. Roarty, Jr., P.E. - NTH Consultants

Date: 2024 07 09

Recommended by: 
Joe Siwek, P.E. - Consulting Engineer (Fishbeck)

Date: 7/12/2024

Recommended by: _____
Evangelos Bantios, P.E. - Project Engineer

Date: _____

Approved by: _____
Joel Brown, P.E. - Chief Engineer

Date: _____

Approved by Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the Evergreen Farmington Sanitary Drain Ch20 (Maintenance)

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Evergreen Farmington Sanitary Drain Ch20 and Invoices

Payable To	Ref No.	For	Amount
ICS Integration Services LLC	TBP	Inv# 3049 - Contracted Services - Proj #17444	5,355.00
		Subtotal - Project #17444	5,355.00
Johnson Controls Inc	SINV00269529	Inv# 1-132924179319 - Contracted Services - Proj #17446	33,071.00
Johnson Controls Inc	SINV00272192	Inv# 1-133442488610 - Contracted Services - Proj #17446	11,793.00
		Subtotal - Project #17446	44,864.00
JMK Consultants Inc	SINV00270124	Inv# 1742 - Professional Services - Proj #17455	2,618.00
		Subtotal - Project #17455	2,618.00
DLZ Michigan Inc	SINV00272186	Inv# 000401076 - Professional Services - Proj #17456	1,414.00
		Subtotal - Project #17456	1,414.00
DLZ Michigan Inc	SINV00272189	Inv# 000401355 - Engineering Services - Proj #17458	19,000.00
		Subtotal - Project #17458	19,000.00
DLZ Michigan Inc	SINV00271071	Inv# 000401077 - Engineering Services - Proj #17459	2,185.00
JMK Consultants Inc	SINV00270124	Inv# 1742 - Professional Services - Proj #17459	2,992.00
		Subtotal - Project #17459	5,177.00
JMK Consultants Inc	SINV00270124	Inv# 1742 - Professional Services - Proj #17554	2,244.00
		Subtotal - Project #17554	2,244.00
DLZ Michigan Inc	SINV00273161	Inv# 000401096 - Engineering Services - Proj #17555	21,084.81
JMK Consultants Inc	SINV00270124	Inv# 1742 - Professional Services - Proj #17555	2,337.50
		Subtotal - Project #17555	23,422.31
Fishbeck	TBP	Inv# 439587 - Contracted Services - Proj #17579	1,281.00
Fishbeck	SINV00269527	Inv# 438280 - Contracted Services - Proj #17579	3,510.20
		Subtotal - Project #17579	4,791.20
Fishbeck	TBP	Inv# 439587 - Contracted Services - Proj #17580	1,281.00
Fishbeck	SINV00269527	Inv# 438280 - Contracted Services - Proj #17580	4,046.90
		Subtotal - Project #17580	5,327.90
The Home Depot	PC00036110	Pcard - Small Tools # 073478/1173055	1,099.00
Kotz Sangster Wysocki PC	SINV00272349	Inv# 603419 - Legal Services	2,087.50
Pipeline Management Company LLC	SINV00272196	Inv# 24-01447 - Contracted Services	25,578.25
		Subtotal	28,764.75
		Total	142,978.16

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the Evergreen Farmington Sanitary Drain Ch20 (Construction)

FROM: Shawn Phelps, Chief of Fiscal Services *Ⓜ for Shawn Phelps*
OCWRC Accounting

DATE: July 23, 2024

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Evergreen Farmington Sanitary Drain Ch20 and Invoices

Payable To	Ref No.	For	Amount
Hubbell Roth and Clark Inc	SINV00270155	Inv# 0217970 - Engineering Services - Proj #17449	7,102.94
Hubbell Roth and Clark Inc	SINV00273175	Inv# 0218142 - Engineering Services - Proj #17449	8,361.78
		Subtotal - Project #17449	15,464.72
Hubbell Roth and Clark Inc	SINV00270660	Inv# 0217532 - Engineering Services - Proj #17450	5,546.43
		Subtotal - Project #17450	5,546.43
Fishbeck	SINV00272180	Inv# 438282 - Engineering Services - Proj #17452	26,794.67
Neyer Tiseo & Hindo Ltd	SINV00269508	Inv# 636025 - Engineering Services - Proj #17452	24,466.08
PMA Consultants LLC	SINV00270659	Inv# 04582.00-1.0-18 - Professional Services - Proj #17452	5,420.00
		Subtotal - Project #17452	56,680.75
		Total	77,691.90

7. Caddell Drain

AGENDA

DRAINAGE BOARD FOR THE CADDELL DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of August 22, 2023
3. Public Comments
4. Present Memorandum from Garrett Shafer, E.I.T., Civil Engineer II, Drain Maintenance, dated July 23, 2024 requesting the Board authorize DVM Utilities Inc. to proceed with services outlined in its May 2, 2024 proposal for a not-to-exceed amount of \$72,000 based on existing as-needed services contract No. 008744, and approve a project budget of \$80,000 for the Caddell Drain CIPP Lining Project
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE CADDELL DRAIN**

August 22, 2023

A meeting of the Drainage Board for Caddell Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 22nd day of August 2023.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held May 23, 2023, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

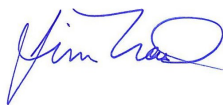
A memorandum from Joel Kohn, Environmental Planner, dated August 22, 2023, requesting the Board approve the cost for treatment of invasive species and authorize execution of the attached Oakland County Parks Agreement by the Chairperson was presented. It was moved by Markham, supported by Nash, to approve the cost for treatment of invasive species and authorize execution of the attached Oakland County Parks Agreement by the Chairperson as presented.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

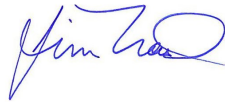


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Caddell Drain, Oakland County, Michigan, held on the 22nd day of August, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Caddell Drain Drainage District.



Jim Nash, Chairperson

Dated: August 22, 2023

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER****MEMORANDUM**

TO: Jim Nash, Chairperson of the Caddell Drain Drainage Board

FROM: Garrett Shafer, E.I.T., Civil Engineer II, Drain Maintenance

SUBJECT: Caddell Drain Lining Project

DATE: July 23, 2024

A 340-foot portion of the Caddell Drain located off of Valley Creek is in need of rehabilitation to extend the service life of its entire length. In May 2018, a sinkhole complaint at 35451 Valley Creek Road was received from a resident. Closed Circuit Television (CCTV) investigation found the cause of the sinkhole to be a broken portion of the Caddell Drain, a Chapter 20 Drain located in Farmington Hills. An emergency spot repair replaced approximately 80 feet of failed pipe. Staff prepared a scope of work and solicited pricing from three existing as-needed contractors with the capabilities to repair the necessary pipe segment using Cured-in-Place-Pipe (CIPP) lining, which requires little or no digging and takes significantly less time than other sewer repair methods. The lining process involves inseting a resin-saturated textile liner into a damaged pipe. It is then expanded to fit the interior of the host pipe, where water, steam, or UV light is used to activate and cure the resins until the liner hardens. Lining the entire length of the pipe will ensure a smooth transition between the original pipe and the spot repair, provide additional structural stability and service life, and prevent future sinkholes from forming. DVM Utilities Inc., a Sterling Heights-based company, provided a cost-effective and complete proposal to perform the work. This project will be funded by a future project assessment.

Requested Action: Authorize DVM Utilities Inc. to proceed with services outlined in its May 2, 2024 proposal for a not-to-exceed price of \$72,000 based on existing as-needed services contract No. 008744, and approve a project budget of \$80,000.



6045 Sims Dr., Suite 2,
Sterling Heights, MI 48313
Direct: 248-930-8524
Ph: 586-979-0402
Fax: 586-979-8295
Email: kbates@dvmutilities.com

PROPOSAL

To: Geoff Wilson, P.E.
Oakland County Water Resources Commission

Project: Misc. Storm Conduit Rehab Projects

ITEM	QTY	DESCRIPTION	UNIT PRICE	UNIT MEASURE	LINE TOTAL
1	1	Oak Knob Drain Conduit Rehabilitation a. Lahser Road 20" x 12mm (17 ft) b. W. Long Lake 18" x 10.5mm (170 ft)	\$34,500.00	LS	\$34,500.00
2	1	Otter Drain Conduit Rehabilitation a. Candlestick Dr. 18" x 10.5mm (150 ft)	\$25,500.00	LS	\$25,500.00
3	1	Pontiac Creek Ext. Drain Rehabilitation a. Watkins Lake 15" x 7.5mm (485 ft)	\$36,500.00	LS	\$36,500.00
4	1	Caddell Drain Rehabilitation a. Valley Creek 36" x 22" (340 ft) b. ***30" x 16.5mm CIPP Liner***	\$72,000.00	LS	\$72,000.00
5	1	Prince Drain 1 & 2 a. Lakeville Rd 16" x 7.5mm (785 ft) b. Lakeville Rd 16" x 7.5mm (1,001 ft)	\$128,000.00	LS	\$128,000.00
6	1	Tribute Drain Rehabilitation a. N. Wixom Rd 12" x 7.5mm (1317 ft) b. INCLUDES TRAFFIC CONTROL	\$89,500.00	LS	\$89,500.00
LEGEND: LS= Lump Sum, LF=Linear Feet, EA=Each,					SUBTOTAL
					SALES TAX
					TOTAL

General Notes & Conditions

- Cost includes MOB/DEMOB.
- Permits and Bonds are NOT included.
- Price includes cleaning of the conduits.
- **Price includes use of Vericure liner curing monitoring.**
- **Price includes PE stamped CIPP liner designs.**
- **Price includes CIPP structural testing.**
- **Price includes traffic control.**
- Price assumes owner will assist with supply water for cleaning and rehab operations.
- Erosion and sediment control is NOT included.
- Site restoration is included.
- **Price does NOT include major bypass and will be performed during dry weather only.**
- **Disposal of contaminated material is NOT included.**

Submitted by: KARL J BATES III

Acceptance of this proposal will bind each party into an agreement. Authorized representative from both parties will sign and date this agreement to abide by the above said terms and conditions.

D.V.M. Utilities, Inc.

D.V.M. Utilities, Inc.

Authorized signature: _____

Authorized signature: _____

Printed: _____

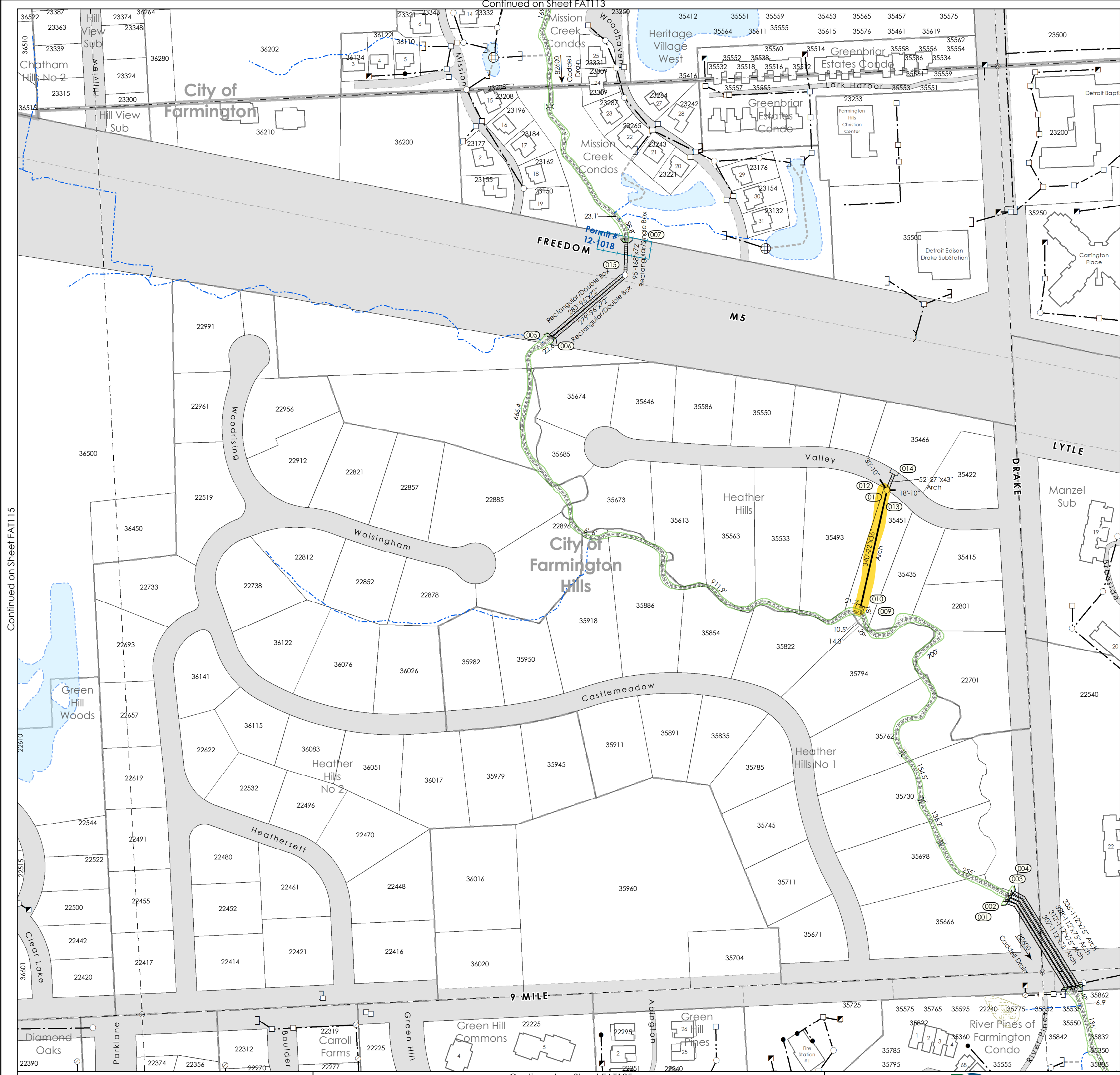
Printed: _____

Title: _____

Title: _____

Date: _____

Date: _____



1"=200'

Continued on Sheet FAT115

Continued on Sheet FAT111

CADDELL DRAIN

One Public Works Drive
Building 95 West
Waterford, Michigan
48328-1907

WRC
WATER RESOURCES COMMISSIONER
Jim Nash

DISCLAIMER:
The information displayed in this map is compiled from recorded deeds, plats, tax maps, surveys and other public records. Although this information is intended to accurately reflect public information, it is not a legally recorded map or survey and is not intended to be used as one. Users should consult primary/original information sources where appropriate.

Storm Gravity Pipe

- Online Storm Pipe
- Online Storm Culvert
- Prop Storm Pipe / Culvert
- Aband Storm Pipe / Culvert
- Private / Maintained by Others
- Non WRC Culvert
- Virtual Drain Line
- Artificial Hydro Pathway

Combined Gravity Main

- Comb Interceptor
- Private or Maint. by Others Interceptor
- Aband Comb Interceptor
- Comb Lateral
- Proposed Comb Lateral
- Aband Comb Lateral
- Private or Maint. by Others Comb
- Proposed Private or Maint. by Others
- Virtual Combined Line
- Storm Drain Proposed Project
- Vault
- Large pipe
- Private Large Pipe
- Retention/Detention Vault/Basin
- Private Retention/Detention Vault/Basin

Storm Siphons

- Online Siphon
- Prop Siphon
- Private Siphon
- Aband Siphon

Storm Force Main

- Online Force Main
- Prop Force Main
- Aband Force Main
- Private / Maintained by Others
- Storm Drain Permit Location
- Sleeved Utility Crossing

STORM DRAIN LEGEND

Combined Non-Gravity Main

- Comb FM Interceptor
- Comb FM Trunk
- Aband Comb FM Interceptor
- Comb FMPS Lateral
- Aband Comb FMPS Trunk or Lateral
- Private or Maint. by Others Comb FMPS
- Aband Comb FMPS
- Channel
- Aband Channel
- Spillway
- Stream / River
- Sediment Basin/Stilling Basin
- WRC Retention/Detention Basin
- WRC Lake Level
- WRC Channel
- Private Retention/Detention Basin
- Non WRC Lake/Pond or Stream/River
- Non WRC Swamp / Marsh

Storm Structures

- Standard Manhole / Access Point
- Built Over Line MH
- Junction Chamber
- Siphon
- Standard Inlet
- Catch Basin
- Inlet w/ End Section
- Yard Inlet
- Rear Yard Catch Basin
- Leaching Basin
- Field/Trench Drain, NOT WRC
- Roof Drain, NOT WRC
- Inlet w/ Headwall

- Pipe Outlet w/ End Section
- Pipe Outlet w/ Headwall
- Access Manhole
- Access Point
- Air Release Valve
- Cleanout
- Bulkhead or Cap
- Increaser / Reducer
- Barrel Top, TSV, or Blind Connection
- Restrictor / Orifice
- Weir
- DIV Diversion Chamber
- REG Flow Regulator
- DAM Dam
- Dam Maintained by Others
- Beaver Dam
- Bridge
- Dock
- Augmentation Well
- Drain / Lake Level Lift Station
- Control Structure
- Overflow Structure
- Special Structure
- Oil/Git Separator Structure

SE
Section 29

FARMINGTON HILLS
STORM DRAIN SYSTEMS
Township of Farmington

SHEET
116

Map Printed Jan 24, 2018

8. Earlmoor Drain

AGENDA

DRAINAGE BOARD FOR THE EARLMOOR DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of July 27, 2021
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,089
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE EARLMOOR DRAIN**

July 27, 2021

A meeting of the Drainage Board for the Earlmoor Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 27th day of July, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held November 28, 2017 were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$11,222 for the Earlmoor Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$11,222 as presented.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

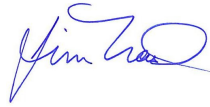


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Earlmoor Drain, Oakland County, Michigan, held on the 27th day of July, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Earlmoor Drain.



Jim Nash, Chairperson

Dated: July 27, 2021

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Earlmoor Drain

Assessment for estimated maintenance expenses for fiscal years: 2024 through 2026

Date last assessment approved:	07/27/21	
Last Assessment:		\$11,222
Current Available Cash*:		\$3,511

Expenditure History:	Fiscal Year	Amount
	2017	\$1,859
	2018	\$1,840
	2019	\$1,920
	2020	\$3,121
	2021	\$1,495
	2022	\$2,043
	2023	\$1,513

Estimated Expenditures:	Year	Amount
	2024	\$2,400
	2025	\$2,400
	2026	\$2,400
	Total	\$7,200

Recommended Assessment:

Total Anticipated Expenses 2024 - 2026	\$7,200
Less Amount Exceeding Minimum Fund Balance**	(\$1,111)

TOTAL RECOMMENDED ASSESSMENT	\$6,089
-------------------------------------	----------------

Prepared by: Andrea Craft Date: 07/11/2024
Andrea Craft - Senior Engineering Systems Coordinator

Approved by: _____ Date: _____
Geoff Wilson, P.E. - Chief Engineer

Approved by: _____ Date: _____
Gary Nigro, P.E. - Manager

Note: Current Available Cash as of May 31, 2024, Fiscal Services Division Report.

*(Less \$1,600 previously collected for special maintenance expenses, but not yet spent)

**(Minimum fund balance is equal to one year of maintenance)

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE EARLMOOR DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	100.000%	\$ 6,089.00	\$ 6,089.00	-	-
Total	100.000%	\$ 6,089.00	\$ 6,089.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 3/24/1971.

Assessment Payment Due Date(s): Payment #1 08/31/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Earlmoor Drain for the fiscal years 2024- 2026 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Earlmoor Drain

The foregoing Special Assessment Roll for the maintenance of the Earlmoor Drain was approved by the Drainage Board on _____.

Jim Nash
Chairman of the Drainage Board for the Earlmoor Drain

9. Guyer Drain

AGENDA

DRAINAGE BOARD FOR THE GUYER DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of July 27, 2021
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$5,400
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE GUYER DRAIN**

July 27, 2021

A meeting of the Drainage Board for the Guyer Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 27th day of July, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held November 28, 2017 were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

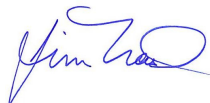
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,988 for the Guyer Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,988 as presented.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Guyer Drain, Oakland County, Michigan, held on the 27th day of July, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Guyer Drain.

Jim Nash, Chairperson

Dated: July 27, 2021

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Guyer Drain

Assessment for estimated maintenance expenses for fiscal years: 2024 through 2026

Date last assessment approved:	07/27/21	
Last Assessment:		\$7,988
Current Available Cash*:		\$512

Expenditure History:	Fiscal Year	Amount
	2017	\$1,068
	2018	\$1,087
	2019	\$1,389
	2020	\$1,862
	2021	\$1,365
	2022	\$1,599
	2023	\$1,348

Estimated Expenditures:	Year	Amount
	2024	\$1,800
	2025	\$1,800
	2026	\$1,800
	Total	\$5,400

Recommended Assessment:

Total Anticipated Expenses 2024 - 2026	\$5,400
--	---------

TOTAL RECOMMENDED ASSESSMENT	\$5,400
-------------------------------------	----------------

Prepared by: Andrea Craft Date: 07/11/2024
Andrea Craft - Senior Engineering Systems Coordinator

Approved by: _____ Date: _____
Geoff Wilson, P.E. - Chief Engineer

Approved by: _____ Date: _____
Gary Nigro, P.E. - Manager

Note: Current Available Cash as of May 31, 2024, Fiscal Services Division Report.

*(Less \$2,200 previously collected for special maintenance expenses, but not yet spent)

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE GUYER DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	97.68479%	\$ 5,274.98	\$ 5,274.98	-	-
State of Michigan	2.31521%	\$ 125.02	\$ 125.02	-	-
Total	100.00000%	\$ 5,400.00	\$ 5,400.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 7/1/1968.

Assessment Payment Due Date(s): Payment #1 08/31/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Guyer Drain for the fiscal years 2024- 2026 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Guyer Drain

The foregoing Special Assessment Roll for the maintenance of the Guyer Drain was approved by the Drainage Board on _____ .

Jim Nash
Chairman of the Drainage Board for the Guyer Drain

10. Holland Drain

AGENDA

DRAINAGE BOARD FOR THE HOLLAND DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of January 24, 2023
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount \$23,100
5. Other business
6. Approve pro rata payment to Drainage Board Members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE HOLLAND DRAIN**

January 24, 2023

A meeting of the Drainage Board for the Holland Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24th day of January 2023.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held April 26, 2022, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

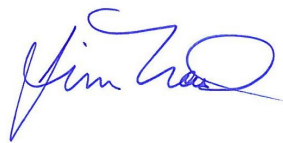
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,359.37 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,359.37.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

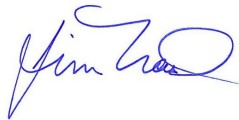


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Holland Drain, Oakland County, Michigan, held on the 24th day of January 2023, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Holland Drain Drainage District.

A handwritten signature in blue ink, appearing to read "Jim Nash", is written above a horizontal line.

Jim Nash, Chairperson

Dated: January 24, 2023

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Holland Drain

Assessment for estimated maintenance expenses for fiscal years: 2025 through 2027

Date last assessment approved:	10/26/21	
Last Assessment:		\$65,276
Current Available Cash*:		\$3,312

Expenditure History:	Fiscal Year	Amount
	2017	\$3,991
	2018	\$6,594
	2019	\$14,986
	2020	\$4,672
	2021	\$5,756
	2022	\$25,665
	2023	\$13,838
	2024 YTD	\$5,593

Estimated Expenditures:	Year	Amount
	2025	\$7,700
	2026	\$7,700
	2027	\$7,700
	Total	\$23,100

Recommended Assessment:

Total Anticipated Expenses 2025 - 2027	\$23,100
--	----------

TOTAL RECOMMENDED ASSESSMENT	\$23,100
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Prepared by: Andrea Craft Date: 07/11/2024
Andrea Craft - Senior Engineering Systems Coordinator

Approved by: _____ Date: _____
Geoff Wilson, P.E. - Chief Engineer

Approved by: _____ Date: _____
Gary Nigro, P.E. - Manager

Note: Current Available Cash as of May 31, 2024, Fiscal Services Division Report.

*(Less \$4,200 previously collected for special maintenance expenses, but not yet spent)

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE HOLLAND DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	90.04%	\$ 20,799.24	\$ 20,799.24	-	-
Road Commission for County of Oakland on account of drainage to county highways	3.63%	\$ 838.53	\$ 838.53	-	-
State of Michigan	6.33%	\$ 1,462.23	\$ 1,462.23	-	-
<hr/>					
Total	100.000%	\$ 23,100.00	\$ 23,100.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 10/28/1986.

Assessment Payment Due Date(s): Payment #1 08/31/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Holland Drain for the fiscal years 2025- 2027 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Holland Drain

The foregoing Special Assessment Roll for the maintenance of the Holland Drain was approved by the Drainage Board on _____.

Jim Nash
Chairman of the Drainage Board for the Holland Drain

11. Jensen Drain

AGENDA

DRAINAGE BOARD FOR THE JENSEN DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of February 28, 2023
3. Public Comments
4. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$1,285.60
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE JENSEN DRAIN**

February 28, 2023

A meeting of the Drainage Board for the Jensen Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 28th day of February 2023.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: None.

Minutes of the meeting held June 25, 2019, were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

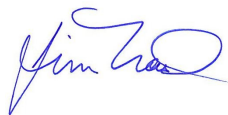
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$33,373 for the Jensen Drain (as attached) were presented. It was moved by Markham, supported by Woodward, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$33,373 as presented.

ADOPTED: Yeas - 3
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham and Mr. Woodward.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

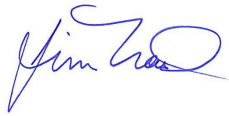


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Jensen Drain, Oakland County, Michigan, held on the 28th day of February 2023, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Jensen Drain Drainage District.



Jim Nash, Chairperson

Dated: February 28, 2023

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the JENSEN DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Ⓟ for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Board approval of payment of the following invoices:

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
5/22/2024	V # SINV00262863	Detroit Pump Mfg Co / H & P Technologies	Invoice # 1082312 - Material and Supplies	\$1,285.60
			Total	<u>\$1,285.60</u>

12. Joseph Jones Drain

AGENDA

DRAINAGE BOARD FOR THE JOSEPH JONES DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of June 25, 2024
3. Public Comments
4. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$25,606.47
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE JOSEPH JONES DRAIN**

June 25, 2024

A meeting of the Drainage Board for the Joseph Jones Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 25th day of June 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

ABSENT: Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

Minutes of the meeting held February 27, 2024, were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$20,568 for the Joseph Jones Drain (as attached) were presented. It was moved by Woodward, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$20,568 as presented.

ADOPTED: Yeas - 2
Nays - 0

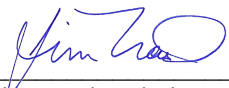
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$17,671.85 (as attached) was presented. It was moved by Woodward, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$17,671.85.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Woodward, to certify attendance and authorize pro rata payment of \$25 per day to Mr. Woodward.

ADOPTED: Yeas - 2
Nays - 0

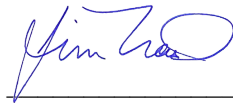
There being no further business, the meeting was adjourned.


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Joseph Jones Drain, Oakland County, Michigan, held on the 25th day of June 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Joseph Jones Drain Drainage District.



Jim Nash, Chairperson

Dated: June 25, 2024

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the JOSEPH JONES DRAIN - (Construction Fund)

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Board approval of payment of the following invoices:

Date	Ref No.	Paid To	For	Amount
6/28/2024	V # SIN00270597	Drummond Carpenter PLLC	Invoice # 4947 - Contracted Services - 5/31/24 - Proj 1-7603	\$ 8,236.00
			Total Project 1-7603	\$ 8,236.00
6/28/2024	V # SIN00270598	Geosyntec Consultants of Michigan	Invoice # 187564804 - Contracted Services - Proj 1-7604	\$ 17,370.47
			Total Project 1-7604	\$ 17,370.47
			Total	\$ 25,606.47

13. Mainland Drain

AGENDA

DRAINAGE BOARD FOR THE MAINLAND DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of March 26, 2024
3. Public Comments
4. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$77,003.07
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE MAINLAND DRAIN**

March 26, 2024

A meeting of the Drainage Board for the Mainland Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 26th day of March 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held January 23, 2024, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

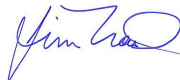
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$63,478.55 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$63,478.55.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

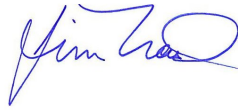


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Mainland Drain, Oakland County, Michigan, held on the 26th day of March 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Mainland Drain Drainage District.



Jim Nash, Chairperson

Dated: March 26, 2024

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the MAINLAND DRAIN (Construction Fund)

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Board approval of payment of the following invoices:

Date	Ref No.	Paid To	For	Amount
6/12/2024	# SINV00267504	GEI Consultants Inc	Invoice #5021195 - Contracted Services - 1/27/24- 02/23/24 - Proj 1-7640	\$ 24,262.35
6/17/2024	# SINV00268154	GEI Consultants Inc	Invoice #5021434 - Contracted Services - 2/24/24- 03/29/24 - Proj 1-7640	37,858.22
6/12/2024	# SINV00267506	GEI Consultants Inc	Invoice #02502732 - Contracted Services -3/30/24- 04/26/24 - Proj 1-7640	14,882.50
TOTAL Project 1-7640				\$ 77,003.07

14. Nichols Relief Drain

AGENDA

DRAINAGE BOARD FOR THE NICHOLS RELIEF DRAIN

July 23, 2024

1. Call meeting to order
2. Approve minutes of meeting of April 23, 2024
3. Public Comments
4. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$2,625.42
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE NICHOLS RELIEF DRAIN**

April 23, 2024

A meeting of the Drainage Board for the Nichols Relief Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 23rd day of April 2024.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners

ABSENT: David Woodward, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held September 27, 2022, were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

Chairperson Nash asked if there were any public comments. There were none.

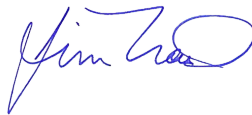
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$79,589 for the Nichols Relief Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$79,589 as presented.

ADOPTED: Yeas - 2
Nays - 0

It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

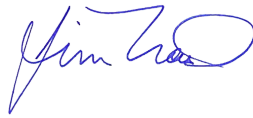


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Nichols Relief Drain, Oakland County, Michigan, held on the 23rd day of April 2024, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

I further certify that the notice of the meeting was posted at least 18 hours in advance of the meeting at the office of the Oakland County Water Resources Commissioner which is the principal office of the Drainage Board for the Nichols Relief Drain Drainage District.



Jim Nash, Chairperson

Dated: April 23, 2024

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the NICHOLS RELIEF DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

HP for Shawn Phelps

DATE: July 23, 2024

SUBJECT: Request for Board approval of payment of the following Invoices

Payable To	Ref No.	For	Amount
W. K. Gillette & P. Gillette	MPR054351	Invoice # MP054122 - Land Easement	\$ 2,625.42
		Total	\$ 2,625.42