

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Acacia Park CSO Drain
2. Birmingham CSO Drain
3. Bloomfield Village CSO Drain
4. Evergreen- Farmington Sanitary Drain
5. George W. Kuhn Drain
6. Clinton River Water Resource Recovery Facility
7. Cranberry Lake Drain
8. Finney Drain
9. Kelly Drain
10. M-15 Drain
11. Rufe Collier Drain
12. Skarritt Drain
13. Gabler Drain
14. Holland Drain

The Clean Water State Revolving Fund Project Plan public hearings for the Evergreen-Farmington Sanitary Drain and the Clinton River Water Resource Recovery Facility will begin after the adjournment of the last Chapter 20 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 2:00 P.M., ON **TUESDAY, APRIL 26, 2022** TO CONDUCT NECESSARY AND APPROPRIATE BUSINESS OF THE DRAIN BOARDS. THOSE THAT 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 THAT 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: April 20, 2022

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1. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of March 22, 2022
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$1,042,300
5. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$99,808.74
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$32,115.29
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

March 22, 2022

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 22nd day of March 2022.

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 February 28, 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 memorandum from Carrie Cox, P.E., Chief Engineer, dated March 22, 2022, requesting the Board to approve the agreement between the Evergreen-Farmington Sanitary Drain and the Drainage District and authorize the Chairperson to execute the agreement was presented. It was moved by Markham, supported by Nash, to approve the agreement between the Evergreen-Farmington Sanitary Drain and the Drainage District and authorize the Chairperson to execute the agreement 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 \$12,768.89 (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 \$12,768.89.

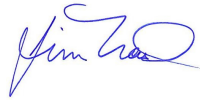
ADOPTED: Yeas - 2
Nays - 0

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.

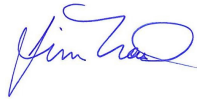
A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

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 22nd day of March 2022, 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: March 22, 2022

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE

Acacia Park CSO Drain

Assessment for the following year of expenses: July 1, 2022 through June 30, 2023

Last Assessment (\$):	\$	1,006,890.00
Date last assessment approved:		4/27/21
Unreserved and Undesignated Fund Balance as of 2/28/22	\$	(105,161.02)
Capital Improvement Reserves as of 2/28/22		700,456.87
Major Maintenance Reserves as of 2/28/22		248,233.27
CSO Equipment Reserves (MDEQ) as of 2/28/22		350,000.00
Reserves for Encumbrances as of 2/28/22		(869.51)
Total Fund Balance at 2/28/2022	\$	<u>1,192,659.61</u>

OPERATIONS, MAINTENANCE & REPLACEMENT BUDGET for July 1, 2022 through June 30, 2023

Operating Expenses

Sewage Treatment	\$	448,800.00
Sewer System Maintenance	\$	29,510.00
Sewer System Engineering	\$	48,380.00
Pump Maintenance Unit	\$	236,590.00
Systems Control Unit	\$	8,150.00
Laboratory	\$	2,090.00
Mapping Unit	\$	430.00
General and Administrative	\$	39,030.00
Total Operating Expenses	\$	812,980.00

Revenue Requirements

Operating Expense	\$	812,980.00
Major Maintenance	\$	59,180.00
Capital	\$	180,250.00
Total Revenue Requirements	\$	1,052,410.00
Non-Rate Revenue	\$	(10,110.00)
Rate Required Revenue	\$	1,042,300.00

Recommended July 1, 2022 through June 30, 2023 assessment:

Total Anticipated Expenses for July 1, 2022 - June 30, 2023	\$	1,042,300.00
Total Anticipated Funds Needed	\$	<u>1,042,300.00</u>

TOTAL RECOMMENDED ASSESSMENT

\$ 1,042,300.00

Billings are to be at the end of the calendar quarters.

Prepared by: Leo Lease
Leo Lease - Senior Financial Analyst

Date: 4/8/2022

Approved by: Steven Korth
Steve Korth - Manager, Water Resources Commissioner

Date: 4/26/2022

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE ACACIA PARK CSO DRAIN

Public Corporation	Percentage of Apportionment	Total Amount of Assessment
Village of Beverly Hills	68.16%	\$ 710,431.68
City of Birmingham	28.83%	\$ 300,495.09
County of Oakland	3.01%	\$ 31,373.23
Total	100.00%	\$ 1,042,300.00

Assessment Due Date: To be collected on the following quarters: 9/30/2022, 12/31/2022, 3/31/2023 and 6/30/2023.

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Acacia Park CSO Drain for the period July 1, 2022 through June 30, 2023 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Acacia Park CSO Drain

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

Jim Nash
Chairman of the Drainage Board for the Acacia Park CSO Drain

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

*FOR SHAWN
PHELPS*

DATE: April 26, 2022

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 April 18, 2022.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
01/31/22	JE# 376678	January 2022 2021 Storm Water Flow Charges	\$33,269.58
02/28/22	JE# 378510	February 2022 Storm Water Flow Charges	33,269.58
03/31/22	JE# 380551	March 2022 Storm Water Flow Charges 2nd Qtr - FY-2022 RTB Capacity Use (O & M Credit)	33,269.58
			<u>\$99,808.74</u>

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: April 26, 2022

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 April 18, 2022

G/L Date	Ref No.	Paid To	For	Amount
3/30/2022	V # 1597795	Great Lakes Pump & Supply Co	Invoice # 68219 - Materials and Supplies	\$ 4,494.23
3/30/2022	V # 1597791	DuBois-Cooper	Invoice # 1222123 - Materials and Supplies	3,093.00
3/31/2022	V # 1598148	JCI Jones Chemicals Inc	Invoice # 861980 - Chlorination Supplies	3,550.56
			Total	<u>\$ 11,137.79</u>
3/30/2022	V # 1597789	D'Angelo Brothers Inc	Invoice # 8124-WRCRTB - Contracted Services	\$ 18,797.50
			Project # 1-3540 Subtotal	<u>\$ 18,797.50</u>
3/31/2022	V # 1600614	ICS Integration Services LLC	Invoice # 2318 - Contracted Services	2,180.00
			Project # 1-3467 Subtotal	<u>\$ 2,180.00</u>
			Grand Total	<u>\$ 32,115.29</u>

2. Birmingham CSO

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of March 22, 2022
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the second quarter FY 2022
5. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$1,018,020
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$103,216.35
7. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$137,810.76
8. Other business
9. Approve pro rata payment to Drainage Board members
10. Adjourn

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

March 22, 2022

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 22nd day of March 2022.

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 February 28, 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 memorandum from Carrie Cox, P.E., Chief Engineer, dated March 22, 2022, requesting the Board to approve the agreement between the Evergreen-Farmington Sanitary Drain and the Drainage District and authorize the Chairperson to execute the agreement was presented. It was moved by Markham, supported by Nash, to approve the agreement between the Evergreen-Farmington Sanitary Drain and the Drainage District and authorize the Chairperson to execute the agreement 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 \$3,778.66 (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 \$3,778.66.

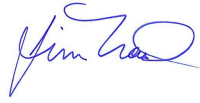
ADOPTED: Yeas - 2
Nays - 0

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.

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

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 22nd day of March 2022, 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 Birmingham CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: March 22, 2022

TO: Jim Nash, Chairman
Acacia Park CSO Drainage Board
Birmingham CSO Drainage Board
Bloomfield Village CSO Drainage Board


FROM: Brian Coburn, Manager

SUBJECT: RTB Capacity Use Credit
Second Quarter, FY 2022
January, February, March 2022

DATE: April 26, 2022

Requested Action: Approve the RTB Capacity Use Credit to the CSO Districts of
Acacia Park, Birmingham and Bloomfield Village, as listed below:

RTB CAPACITY USE OPERATIONS & MAINTENANCE CREDIT TO CSO DISTRICTS						
REGULATORS CLOSED (Date)	ACACIA PARK CSO TOTAL MCF	ACACIA PARK CREDIT (\$12.33 Per MCF)	BIRMINGHAM CSO TOTAL MCF	BIRMINGHAM CREDIT (\$12.33 Per MCF)	BLOOMFIELD VLG CSO TOTAL MCF	BLOOMFIELD VLG CREDIT (\$12.33 Per MCF)
02/17/22	0.0	\$ -	30.0	\$ 369.90	0.0	\$ -
Total Credit Q2, FY 2022:		\$ -		\$ 369.90		\$ -

Approved by:  _____

Date: 4/13/2022 _____

c: Olivia Olsztyn-Budry: Oolsztyn-Budry@bloomfieldwp.org
Jim Surhigh: cityengineer@bhamgov.org
Karyn Stickel: Kstickel@hrc-eng.com

Interoffice:

J. Ragle
S. Korth
G. Nigro
K. Smith
B. Reyes-Mezza

Prepared by: A. Craft

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE

Birmingham CSO Drain

Assessment for the following year of expenses: July 1, 2022 through June 30, 2023

Last Assessment (\$):	\$	936,920.00
Date last assessment approved:		4/27/21
Unreserved and Undesignated Fund Balance as of 2/28/22	\$	21,579.20
Capital Improvement Reserves as of 2/28/22		354,025.01
Major Maintenance Reserves as of 2/28/22		416,782.56
CSO Equipment Reserves (MDEQ) as of 2/28/22		480,000.00
Reserves for Encumbrances as of 2/28/22		(716.71)
Total Fund Balance at 2/28/2022	\$	<u>1,271,670.06</u>

OPERATIONS, MAINTENANCE & REPLACEMENT BUDGET for July 1, 2022 through June 30, 2023

Operating Expenses

Sewage Treatment	\$	438,730.00
Sewer System Maintenance	\$	21,780.00
Sewer System Engineering	\$	17,430.00
Pump Maintenance Unit	\$	319,630.00
System Control Unit	\$	9,850.00
Laboratory	\$	2,210.00
Mapping Unit	\$	150.00
General and Administrative	\$	38,490.00
Total Operating Expenses	\$	848,270.00

Revenue Requirements

Operating Expense	\$	848,270.00
Major Maintenance	\$	66,000.00
Capital	\$	115,500.00
Total Reserves	\$	1,029,770.00
Non-Rate Revenue	\$	(11,750.00)
Grand Total	\$	1,018,020.00

Recommended July 1, 2022 through June 30, 2023 assessment:

Total Anticipated Expenses for July 1, 2022 - June 30, 2023	\$	1,018,020.00
Total Anticipated Funds Needed	\$	<u>1,018,020.00</u>

TOTAL RECOMMENDED ASSESSMENT

\$ **1,018,020.00**

Billings are to be at the end of the calendar quarters.

Prepared by: Leo Lease
Leo Lease - Senior Financial Analyst

Date: 4/8/2022

Approved by: Steven Korth
Steve Korth - Manager, Water Resources Commissioner

Date: 4/26/2022

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE BIRMINGHAM CSO DRAIN

Public Corporation	Percentage of Apportionment	Total Amount of Assessment
City of Birmingham	96.86%	\$ 986,054.17
County of Oakland	0.29%	\$ 2,952.26
State of Michigan	2.85%	\$ 29,013.57
Total	100.00%	\$ 1,018,020.00

Assessment Due Date: To be collected on the following quarters: 9/30/2022, 12/31/2022, 3/31/2023 and 6/30/2023.

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Birmingham CSO Drain for the period July 1, 2022 through June 30, 2023 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Birmingham CSO Drain

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

Jim Nash
Chairman of the Drainage Board for the Birmingham CSO Drain

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

FROM: Shawn Phelps, Chief of Fiscal Services *FOR SHAWN PHELPS*
OCWRC Accounting

DATE: April 26, 2022

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 April 18, 2022.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
01/31/22	JE# 376678	January 2022 2021 Storm Water Flow Charges	\$34,528.75
02/28/22	JE# 378510	February 2022 Storm Water Flow Charges	34,528.75
03/31/22	JE# 380551	March 2022 Storm Water Flow Charges	34,528.75
		2nd Qtr - FY-2022 RTB Capacity Use (O & M Credit)	(\$369.90)
			<u><u>\$103,216.35</u></u>

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting *FOR SHAWN PHELPS*

DATE: April 26, 2022

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 April 18, 2022

G/L Date	Ref No.	Paid To	For	Amount
3/31/2022	V # 1598137	Shaw Service & Maintenance	Invoice #910004512 - Contracted Services	\$ 1,110.00
3/30/2022	V # 1597795	Great Lakes Pump & Supply Co	Invoice # 68219 - Materials and Supplies	4,630.41
			Subtotal	<u>\$ 5,740.41</u>
4/7/2022	V # 1599967	Hubbell Roth Clark Inc	Invoice # 0195365 - Contracted Services - 03/19/2022	\$ 110.00
3/30/2022	V # 1597810	Hubbell Roth Clark Inc	Invoice # 0194977 - Contracted Services - 02/19/2022	605.00
3/30/2022	V # 1597806	Smiths Waterproofing LLC	Invoice # 35435 - Contracted Services	45,817.00
			Subtotal Project # 1-3495	<u>\$ 46,532.00</u>
2/28/2022	V # 1598143	D' Angelo Brothers Inc	Invoice # 8126-WRCBham - Contracted Services	\$ 42,898.35
			Subtotal Project # 1-3398	<u>\$ 42,898.35</u>
3/31/2022	V # 1600614	ICS Integration Services LLC	Invoice # 2318 - Contracted Services	\$ 2,180.00
			Subtotal Project # 1-3500	<u>\$ 2,180.00</u>
3/31/2022	V # 1600606	Butcher & Butcher Construction Co	Invoice # Application 1 - Contracted Services	\$ 40,460.00
			Subtotal Project # 1-3498	<u>\$ 40,460.00</u>
			Total	<u>\$137,810.76</u>

3. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of March 22, 2022
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$1,428,490
5. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$135,881.01
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$31,184.89
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

March 22, 2022

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 22nd day of March 2022.

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 February 22, 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 memorandum from Carrie Cox, P.E., Chief Engineer, dated March 22, 2022, requesting the Board to approve the agreement between the Evergreen-Farmington Sanitary Drain and the Drainage District and authorize the Chairperson to execute the agreement was presented. It was moved by Markham, supported by Nash, to approve the agreement between the Evergreen-Farmington Sanitary Drain and the Drainage District and authorize the Chairperson to execute the agreement as presented.

ADOPTED: Yeas - 2
Nays - 0

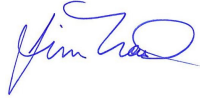
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$7,212.27 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$7,212.27.

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.

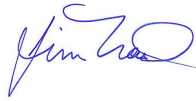
A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

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 22nd day of March 2022, 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 Bloomfield Village CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: March 22, 2022

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE

Bloomfield Village CSO Drain

Assessment for the following year of expenses: July 1, 2022 through June 30, 2023

Last Assessment (\$):	\$	1,374,990.00
Date last assessment approved:		4/27/21
Unreserved and Undesignated Fund Balance as of 2/28/22	\$	(228,906.07)
Capital Improvement Reserves as of 2/28/22		1,166,478.38
Major Maintenance Reserves as of 2/28/22		204,822.91
CSO Equipment Reserves (MDEQ) as of 2/28/22		480,000.00
Reserves for Encumbrances as of 2/28/22		0.00
Total Fund Balance at 2/28/2022	\$	<u>1,622,395.22</u>

OPERATIONS, MAINTENANCE & REPLACEMENT BUDGET for July 1, 2022 through June 30, 2023

Operating Expenses

Sewage Treatment	\$	576,720.00
Sewer System Maintenance	\$	34,590.00
Sewer System Engineering	\$	65,520.00
Pump Maintenance Unit	\$	374,460.00
Systems Control Unit	\$	11,410.00
Laboratory	\$	3,010.00
Mapping Unit	\$	860.00
General and Administrative	\$	51,140.00
Total Operating Expenses	\$	1,117,710.00

Revenue Requirements

Operating Expense	\$	1,117,710.00
Major Maintenance	\$	63,620.00
Capital	\$	261,990.00
Total Revenue Requirements	\$	1,443,320.00
Non-Rate Revenue	\$	(14,830.00)
Rate Required Revenue	\$	1,428,490.00

Recommended July 1, 2022 through June 30, 2023 assessment:

Total Anticipated Expenses for July 1, 2022 - June 30, 2023	\$	1,428,490.00
Total Anticipated Funds Needed	\$	<u>1,428,490.00</u>

TOTAL RECOMMENDED ASSESSMENT

\$ 1,428,490.00

Billings are to be at the end of the calendar quarters.

Prepared by: Leo Lease
Leo Lease - Senior Financial Analyst

Date: 4/8/2022

Approved by: Steven Korth
Steve Korth - Manager, Water Resources Commissioner

Date: 4/26/2022

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE BLOOMFIELD VILLAGE CSO DRAIN

Public Corporation	Percentage of Apportionment	Total Amount of Assessment
City of Birmingham	22.095%	\$ 315,624.86
Charter Township of Bloomfield	54.830%	\$ 783,241.07
City of Bloomfield Hills	6.784%	\$ 96,908.76
County of Oakland	16.291%	\$ 232,715.31
Total	100.000%	\$ 1,428,490.00

Assessment Due Date: To be collected on the following quarters: 9/30/2022, 12/31/2022, 3/31/2023 and 6/30/2023.

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Bloomfield Village CSO Drain for the period July 1, 2022 through June 30, 2023 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

 Jim Nash
 Chairman of the Drainage Board for the Bloomfield Village CSO Drain

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

 Jim Nash
 Chairman of the Drainage Board for the Bloomfield Village CSO Drain

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

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

DATE: April 26, 2022

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 April 18, 2022.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
01/31/22	JE# 376678	January 2022 2021 Storm Water Flow Charges	\$45,293.67
02/28/22	JE# 378510	February 2022 Storm Water Flow Charges	45,293.67
03/31/22	JE# 380551	March 2022 Storm Water Flow Charges	45,293.67
		2nd Qtr - FY-2022 RTB Capacity Use (O & M Credit)	
			<u>\$135,881.01</u>

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

FROM: Shawn Phelps, Chief of Fiscal Services *FOR SHAWN PHELPS*
OCWRC Accounting

DATE: April 26, 2022

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 April 18, 2022

G/L Date	Ref No.	Paid To	For	Amount
3/30/2022	V # 1597802	ICS Integration Services LLC	Invoice # 2307 - Chlorination Supplies	\$ 1,853.00
3/30/2022	V # 1597795	Great Lakes Pump & Supply Co	Invoice # 68219 - Materials and Supplies	4,494.22
3/31/2022	V # 1598141	JCI Jones Chemicals Inc	Invoice # 88176 - Chlorination Supplies	3,609.43
			Total	\$ 9,956.65
3/31/2022	V # 1600617	Rotor Electric Company of Michigan	Invoice # 12498 - Contracted Services - Proj # 1-3549	\$ 15,955.24
			Project # 1-3549 Subtotal	\$ 15,955.24
3/31/2022	V # 1600614	ICS Integration Services LLC	Invoice # 2318 - Contracted Services	\$ 2,180.00
			Project # 1-3505 Subtotal	\$ 2,180.00
3/30/2022	V # 1597791	DuBois-Cooper	Invoice # 1222123 - Materials and Supplies	\$ 3,093.00
			Project # 1-3551 Subtotal	3,093.00
			Total	\$ 31,184.89

**4. Evergreen-Farmington
Sanitary Drain**

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of March 22, 2022
3. Public Comments
4. GLWA/Highland Park Litigation - Letter to Governor Whitmer / CLOSED SESSION
5. Present memorandum from Brian Coburn, P.E., Manager, dated April 26, 2022, requesting the Board to approve the proposed operating budget and sewer charges, cost allocation, and the Capital Improvement Program for the rate year beginning July 1, 2022
6. Present memorandum from Lesli Maes, Operations Engineer, dated April 26, 2022, requesting the Board to approve the Drainage District's major maintenance and capital improvement projects
7. Present memorandum from Evans Bantios, P.E., Project Engineer, dated April 26, 2022, requesting the Board to authorize Walsh to obtain bids for the 2-megawatt generator for the Drainage District's 8 Mile Outlet Conveyance Corrective Action Plan project and pay for the generator using undesignated funds
8. Present Engineering Work Order related to the Walnut Lake No. 3 Pump Station Rehabilitation for DLZ Michigan, Inc. in the amount of \$39,225
9. Present Engineering Work Order related to the Southfield Rouge Arm Lining- Area 7 project for Fishbeck in a not-to-exceed amount of \$600,000
10. Present Walsh Construction Change Order No.1 for the 8 Mile Pump Station Capital Improvements project for a net increase in the amount of \$285,469.59
11. Present Construction Estimate No. 2 from Pipeline Management Company, LLC in the amount of \$397,630.80 with a transfer to the Oakland County Treasurer in the amount of \$44,181.20
12. Closed session with the Drainage District's attorney to discuss legal considerations and matters protected from disclosure as permitted under section 8(h) of the Open Meetings Act and which is exempt from public disclosure as subject to the attorney-client privilege pursuant to section 13(1)(g) of the Freedom of Information Act
13. Other business
14. Approve pro rata payment to Drainage Board members

15. Adjourn

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

March 22, 2022

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 22nd day of March 2022.

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 February 28, 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.

Meadowbrook Insurance Agency provided a proposal for the renewal of drainage district insurance policies. It was moved by Markham, supported by Nash, to approve the insurance policy recommendation as presented and authorize the Chairperson to execute requisite coverage documents and authorize payment of the premium and related invoices.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Carrie Cox, P.E., Chief Engineer, dated March 22, 2022, requesting the Board to approve the agreements between the Drainage District and the Bloomfield Village CSO Drainage District, Acacia Park CSO Drainage District and the Birmingham CSO Drainage District and authorize the Chairperson to execute the agreements was presented. It was moved by Markham, supported by Nash, to the approve the agreements between the Drainage District and the Bloomfield Village CSO Drainage District, Acacia Park CSO Drainage District and the Birmingham CSO Drainage District and authorize the Chairperson of the Board to execute the agreements as presented.

ADOPTED: Yeas - 2
Nays - 0

Change Order No. 1 from Pipeline Management Company, LLC for the construction of the South Evergreen Interceptor Rehabilitation for a net increase in the amount of \$8,250 was presented. It was moved by Markham, supported by Nash, to approve Change Order No. 1

from Pipeline Management Company, LLC for the construction of the South Evergreen Interceptor Rehabilitation for a net increase in the amount of \$8,250 as presented.

ADOPTED: Yeas - 2
Nays - 0

Construction Estimate No.2 for Pipeline Management Company, LLC in the amount of \$181,436 with a transfer to the Oakland County Treasurer in the amount of \$20,159.56 was presented. It was moved by Markham, supported by Nash, to approve Construction Estimate No.2 for Pipeline Management Company, LLC in the amount of \$181,436 with a transfer to the Oakland County Treasurer in the amount of \$20,159.56 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 Evergreen-Farmington Sanitary Drain, Oakland County, Michigan, held on the 22nd day of March 2022, 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: March 22, 2022



April 26, 2022

The Honorable Gretchen Whitmer, Governor
P.O. Box 30013
Lansing, Michigan 48909

**Re: Evergreen-Farmington Sanitary Drain Drainage District
Objection to Subsidizing Highland Park's Sewer Services**

Dear Governor Whitmer:

It's been nearly a year since the City of Highland Park has made any payments for the sewer services it receives from the Great Lakes Water Authority (GLWA). When Highland Park doesn't pay, its obligations are borne by the other communities receiving GLWA's sewer services. The Evergreen-Farmington Sanitary Drain Drainage District is among those "other communities."

The State of Michigan has had a direct role in the City of Detroit, now GLWA, providing water services to Highland Park. By way of background, the state requested the Detroit Water & Sewerage Department provide emergency water services to Highland Park because the state determined the city's water treatment plant was creating a public health risk to its residents. On November 12, 2012, the state represented the repairs to the water treatment plant were to be completed within three or four days. Neither the state nor the city repaired the water treatment plant, and it remains shuttered to this date.

Today, Highland Park's payment history for both its water and sewer service from GLWA remains more than a little troubling. From 2013 through March of 2021, Highland Park has paid approximately half of what it owes for the sewer services it receives. If this trend of non-payment continues, by the end of FY 2023, this arrearage will top \$48 million.

To make up for this deficiency, GLWA has allocated more than \$5 million of Highland Park's current arrearages to the Evergreen-Farmington Sanitary Drain Drainage District. For FY 2023 charges, the district is expected to pay an additional \$726,900 of Highland Park's bill.

This inequity cannot continue. It is patently unfair for the people living in the Evergreen-Farmington District to be asked to pick up Highland Park's sewer tab. That's why, as chairman of the district, I'm asking that you intervene on behalf of the drainage district to resolve this matter. I'm confident that your staff and Suzanne Coffey, GLWA's Interim Chief Executive Officer, can find an equitable solution to this ongoing dilemma.

Sincerely,

A handwritten signature in blue ink that reads "Jim Nash".

Jim Nash, Chairman
Evergreen-Farmington Sanitary Drain Drainage District



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

TO: Jim Nash, Chairperson
Evergreen-Farmington Sanitary Drain Drainage District

FROM: Brian Coburn, P.E., Manager

SUBJECT: FY 2022-2023 Rate Recommendation

DATE: April 26, 2022

The purpose of this memorandum is to communicate a recommendation to the Board of the Evergreen Farmington Sanitary Drain Drainage District (EFSD) detailing the proposed monthly charges to our customer communities based on approved Great Lakes Water Authority (GLWA) monthly charges for its fiscal 2022-23 rate year.

The attached exhibits highlighting the proposed budget, sewer charges, cost allocation and capital improvement plan were presented to the EFSD customer communities on April 14, 2022.

The proposed budget and sewer charges are attached in Exhibit A. Because of increases in operating expenses the total annual charge to communities will increase 4.9% to \$51,124,080.

The proposed cost allocation to each community for operation and maintenance charges is included in Exhibit B. The methodology will remain the same as previous years, based on a rolling five-year flow average.

The proposed major maintenance and capital improvement plan is included in Exhibit C.

Recommended Action: Approve the proposed operating budget and sewer charges (Exhibit A), cost allocation (Exhibit B), and the Capital Improvement Program (Exhibit C) for the rate year beginning July 1, 2022, as presented.

EXHIBIT A

PROPOSED OPERATING BUDGET
AND SEWER CHARGES

Evergreen Farmington Sewage Disposal System
58410
Financial Summary

	2021 Actual	2022 Budget	2023 Forecast	Inc / (Dec)	% Variance
<u>Operating Revenues</u>					
Operating Rate Revenue	\$ 39,910,022.31	\$ 40,815,790.00	\$ 42,276,180.00	\$ 1,460,390.00	3.6%
Operating Non-Rate Revenue	640,801.13	728,600.00	523,210.00	(205,390.00)	-28.2%
Operating Revenues	\$ 40,550,823.44	\$ 41,544,390.00	\$ 42,799,390.00	\$ 1,255,000.00	3.0%
<u>Operating Expenses</u>					
Sewage Treatment	\$ 35,383,906.75	\$ 35,766,000.00	\$ 36,913,200.00	\$ 1,147,200.00	3.2%
Sewer System Maintenance	467,174.00	547,600.00	491,940.00	(55,660.00)	-10.2%
Sewer System Engineering	305,188.74	293,110.00	330,460.00	37,350.00	12.7%
Water Purchases	-	-	-	-	
Water Maintenance Unit	-	-	-	-	
Water Systems Engineering	-	-	-	-	
Septage Unloading Facility	266,208.50	344,900.00	278,200.00	(66,700.00)	-19.3%
Pump Maintenance Unit	1,196,678.70	1,201,250.00	1,250,120.00	48,870.00	4.1%
Systems Control Unit	1,672,821.88	1,837,170.00	1,552,240.00	(284,930.00)	-15.5%
Plan Review and Permitting	176,183.27	93,880.00	130,680.00	36,800.00	39.2%
Inspection	8,444.48	7,590.00	12,350.00	4,760.00	62.7%
IPP	-	-	-	-	
Laboratory	-	-	-	-	
Mapping Unit	33,967.63	23,700.00	46,920.00	23,220.00	98.0%
Miss Dig	1,480.91	230.00	790.00	560.00	243.5%
Billing Services Unit	-	-	-	-	
General and Administrative	3,739,357.62	1,428,960.00	1,792,490.00	363,530.00	25.4%
Total Operating Expenses	43,251,412.48	41,544,390.00	42,799,390.00	1,255,000.00	3.0%
Net Income	\$ (2,700,589.04)	\$ -	\$ -	\$ -	
Depreciation	(860,606.52)	(852,990.00)	(858,930.00)	(5,940.00)	0.7%
<u>Reserves</u>					
Non-Operating Revenue	\$ 1,332,396.56	\$ 1,250,250.00	\$ 1,256,440.00	\$ 6,190.00	0.5%
Non-Operating Expense	3,344,814.76	(256,150.00)	(235,110.00)	21,040.00	-8.2%
Major Maintenance Reserve Revenue	1,361,062.50	1,391,460.00	1,391,460.00	-	0.0%
Major Maintenance Reserve Expense	(1,091,165.43)	(2,230,520.00)	(3,013,680.00)	(783,160.00)	35.1%
Emergency Reserve Revenue	-	-	-	-	
Emergency Reserve Expense	(30,013.74)	-	-	-	
Capital Reserve Revenue	5,423,512.78	6,389,050.00	6,200,000.00	(189,050.00)	-3.0%
Capital Reserve Expense	(4,347,271.36)	(8,020,750.00)	(11,080,470.00)	(3,059,720.00)	38.1%
Change in Net Assets	\$ 2,432,140.51	\$ (2,329,650.00)	\$ (6,340,290.00)	\$ (4,010,640.00)	172.2%
<u>Rate Revenue</u>					
Revenue Requirements:					
Operating Expense	\$ 43,251,412.48	\$ 41,544,390.00	\$ 42,799,390.00	\$ 1,255,000.00	3.0%
Non-Operating	1,332,396.56	1,250,250.00	1,256,440.00	6,190.00	0.5%
Major Maintenance	1,361,062.50	1,391,460.00	1,391,460.00	-	0.0%
Emergency Maintenance	-	-	-	-	
Capital	5,423,512.78	6,389,050.00	6,200,000.00	(189,050.00)	-3.0%
Total Revenue Requirements	\$ 51,368,384.32	\$ 50,575,150.00	\$ 51,647,290.00	\$ 1,072,140.00	2.1%
Non-Rate Revenue	\$ (974,815.25)	\$ (1,828,600.00)	\$ (523,210.00)	\$ 1,305,390.00	-71.4%
Rate Required Revenue	\$ 50,393,569.07	\$ 48,746,550.00	\$ 51,124,080.00	\$ 2,377,530.00	4.9%

Evergreen Farmington Sanitary Drain Drainage District, GLWA FY2022-23
Monthly Charge Breakdown

GLWA FY 2022-23	
GLWA Fixed Charge	\$ 36,913,200.00
OCWRC Fixed Charge ⁽¹⁾	5,886,190.00
Non-Operating	1,256,440.00
Major Maintenance Reserve	1,391,460.00
Emergency Reserve	-
Capital Improvement Reserve	6,200,000.00
Misc Revenue	(523,210.00)
Total Charge:	51,124,080.00

	GLWA FY 2022-23	GLWA FY 2022-23
	Annual Charge	Monthly Charge
Auburn Hills	\$ 387,009	\$ 32,250.75
Beverly Hills	2,267,352	188,946.00
Bingham Farms	293,453	24,454.41
Birmingham	3,762,732	313,561.01
Bloomfield Hills	1,245,383	103,781.91
Bloomfield Township	8,867,473	738,956.08
Franklin	264,822	22,068.50
Lathrup Village	1,059,290	88,274.16
Southfield	9,680,856	806,737.99
Troy	2,150,790	179,232.50
Farmington	398,767	33,230.59
Farmington Hills	11,987,064	998,922.00
Keego Harbor	426,375	35,531.25
Orchard Lake Village	458,072	38,172.66
West Bloomfield Township	6,451,859	537,654.91
Acacia Park RTB	421,775	35,147.91
Birmingham RTB	434,554	36,212.83
Bloomfield RTB	566,454	47,204.50
Total	\$ 51,124,080	\$ 4,260,339.96

Evergreen Farmington Sanitary Drainage District, GLWA FY 2022-23
Share & Monthly Charge Comparison

	GLWA FY 2021-22		GLWA FY 2022-23		% Change Mthly Charge
	Share % of System	Monthly Charge	Share % of System	Monthly Charge	
Auburn Hills	0.760%	\$ 30,872.83	0.757%	\$ 32,250.75	4.5%
Beverly Hills	4.423%	179,671.67	4.435%	188,946.00	5.2%
Bingham Farms	0.593%	24,088.83	0.574%	24,454.41	1.5%
Birmingham	7.153%	290,570.01	7.360%	313,561.01	7.9%
Bloomfield Hills	2.451%	99,564.92	2.436%	103,781.91	4.2%
Bloomfield Township	17.280%	701,950.33	17.345%	738,956.08	5.3%
Franklin	0.514%	20,879.75	0.518%	22,068.50	5.7%
Lathrup Village	2.168%	88,068.75	2.072%	88,274.16	0.2%
Southfield	19.535%	793,553.16	18.936%	806,737.99	1.7%
Troy	4.179%	169,759.83	4.207%	179,232.50	5.6%
Farmington	0.766%	31,116.59	0.780%	33,230.59	6.8%
Farmington Hills	22.964%	932,846.42	23.447%	998,922.00	7.1%
Keego Harbor	0.853%	34,650.75	0.834%	35,531.25	2.5%
Orchard Lake Village	0.891%	36,194.33	0.896%	38,172.66	5.5%
West Bloomfield Township	12.686%	515,332.33	12.620%	537,654.91	4.3%
Acacia Park RTB	0.819%	33,269.58	0.825%	35,147.91	5.6%
Birmingham RTB	0.850%	34,528.75	0.850%	36,212.83	4.9%
Bloomfield RTB	1.115%	45,293.67	1.108%	47,204.50	4.2%
Total	100.00%	\$ 4,062,212.50	100.00%	\$ 4,260,339.96	4.9%

Charges have been rounded

**EVERGREEN FARMINGTON SANITARY DRAIN DRAINAGE DISTRICT
SCHEDULE OF RATES AND CHARGES
EFFECTIVE JULY 1, 2022**

1. Wastewater Disposal Charge

Each community shall pay monthly, a charge in accordance with schedule below:

	GLWA FY 2022-23 Monthly Charge
Auburn Hills	\$ 32,250.75
Beverly Hills	188,946.00
Bingham Farms	24,454.41
Birmingham	313,561.01
Bloomfield Hills	103,781.91
Bloomfield Township	738,956.08
Franklin	22,068.50
Lathrup Village	88,274.16
Southfield	806,737.99
Troy	179,232.50
Farmington	33,230.59
Farmington Hills	998,922.00
Keego Harbor	35,531.25
Orchard Lake Village	38,172.66
West Bloomfield Township	537,654.91
Acacia Park RTB	35,147.91
Birmingham RTB	36,212.83
Bloomfield RTB	<u>47,204.50</u>
Total:	\$ 4,260,339.96

2. Industrial Surcharge

In accordance with current Great Lakes Water Authority (GLWA) standards and rates, the following industrial surcharges shall be levied against industrial and commercial customers contributing sewage to the System with concentrations of pollutants exceeding the levels described as follows:

Effective July 1, 2022

INDUSTRIAL SURCHARGE RATE, PER EXCESS POUND	GLWA FY 2022-23 \$/LB
Biochemical Oxygen Demand (BOD) in excess of 275 mg/l	\$0.351
Total Suspended Solids (TSS) in excess of 350 mg/l	0.482
Phosphorus (PHOS) in excess of 12 mg/l	6.448
Fats, Oil, & Grease (FOG) in excess of 100 mg/l	0.112

3. **Industrial Waste Control Charge (IWC)**

Each community shall report monthly the total number and size of water meters used by non-residential users of the System. Where metered water is not available, the community shall report monthly the "Assigned Water Meter Size" of non-residential users of the System as determined by WRC via Residential Equivalency Units (REU) equivalents or use of AWWA M22 (Chapter 5 – Sizing the Customer's Service and Meter).

Based on the reported number of water meter sizes, actual and assigned, for non-residential users of the System, each community shall pay a monthly IWC in accordance with the following schedule:

Effective July 1, 2022

METER SIZE	GLWA FY 2022-23 MONTHLY IWC CHARGE
5/8"	\$3.58
3/4"	5.37
1"	8.95
1 1/2"	19.69
2"	28.64
3"	51.91
4"	71.60
6"	107.40
8"	179.00
10"	250.60
12"	286.40
14"	358.00
16"	429.60
18"	501.20

Non-residential users shall be defined as all users other than those in single family houses, apartment buildings, condominiums, town houses, mobile homes, schools, churches and municipal buildings.

4. **Penalty**

The sewage disposal service charge shall be payable monthly. If any municipality does not pay its service charge by the due date, there will be a penalty of one (1) percent for each month or a fraction thereof for which the charge remains.

EXHIBIT B

COST ALLOCATION/
SHARES

EXHIBIT B

Evergreen-Farmington Sanitary Drain
Fiscal Year 2023 Proposed Cost Allocation

Community	Volumes for Individual Years (MCF)						Proposed Fiscal Year 2023 Shares
	RY 2015/16	RY 2016/17	RY 2017/18	RY 2018/19	RY 2019/20	RY 2020/21	
Auburn Hills	12,422	14,578	14,598	13,999	13,271	11,409	0.757%
Beverly Hills	70,950	80,828	75,789	96,320	77,751	67,521	4.435%
Bingham Farms	10,232	10,503	11,864	11,282	9,737	8,132	0.574%
Birmingham	109,133	123,913	126,793	153,015	137,038	118,633	7.360%
Bloomfield Hills	38,791	46,345	45,663	47,557	43,944	35,132	2.436%
Bloomfield Township	299,418	292,947	297,697	336,064	339,137	285,928	17.345%
Franklin	8,778	8,938	9,192	9,782	9,879	8,552	0.518%
Lathrup Village	34,898	42,047	39,549	43,281	36,840	25,132	2.072%
Southfield	337,857	375,860	364,192	350,632	338,774	269,712	18.936%
Troy	70,775	75,603	74,557	77,415	80,070	68,581	4.207%
Farmington	13,748	12,657	13,871	15,715	13,365	14,038	0.780%
Farmington Hills	385,851	416,601	408,396	447,079	422,938	399,883	23.447%
Keego Harbor	13,955	16,153	15,874	15,292	15,944	11,652	0.834%
Orchard Lake Village	15,924	16,865	17,045	14,582	16,049	15,354	0.896%
West Bloomfield Township	219,886	227,739	236,194	229,020	235,071	200,971	12.620%
APRTB Stormwater	16,641	26,260	23,367	31,074	18,956	16,373	0.825%
BirmRTB Stormwater	19,139	27,751	22,425	29,944	21,217	17,909	0.850%
BVRTB Stormwater	19,731	34,288	33,641	42,419	28,627	17,559	1.108%
Total	1,698,129	1,849,876	1,830,707	1,964,472	1,858,608	1,592,471	100.000%
	Basis of Current Shares						
	Basis of Proposed Shares						

EXHIBIT C

MAJOR MAINTENANCE AND CAPITAL IMPROVEMENT PLAN

Major Maintenance Long Range Plan

Expense Description	FY2022 In Progress	FY2023	FY2024	FY2025	FY2026	FY2027
Major Maintenance Reserves - Planned	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PMU Major Maint Reserve - Planned	\$ 159,000	\$ 581,500	\$ 108,500	\$ 34,500	\$ 185,250	\$ 44,000
SMU Major Maint Reserve - Planned	\$ 450,000	\$ 359,000	\$ -	\$ -	\$ 385,000	\$ -
Manhole Lining	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Pipe Grouting	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Spot Repair	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CCTV-System Prog	\$ 700,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
CCTV Engr Assessment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
System Wide Cleaning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Manhole Inspection	\$ -	\$ 90,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
CAMP (RIVA)	\$ 185,520	\$ 198,184	\$ 204,130	\$ 210,254	\$ 216,561	\$ 223,058
Consultant Project Planning	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -
Troy Surcharge MH Bench Modification	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -
EFSDS EvgrnIntRehab	\$ 2,380,643	\$ -	\$ -	\$ -	\$ -	\$ -
EFSD Hydraulic Modeling & Response Plan	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ -
EFSD SRF Project Plan	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 4,840,163	\$ 3,013,684	\$ 2,177,630	\$ 2,059,754	\$ 2,601,811	\$ 1,947,058

Capital Improvement Plan

Expense Description	FY2022 In Progress	FY2023	FY2024	FY2025	FY2026	FY2027
Capital Improvement Reserve - Planned	\$ -					
CIP Unplanned	\$ -					
Pump Station Improvements	\$ 446,250	\$ 2,703,250	\$ 891,000	\$ 1,042,000	\$ 720,000	\$ 45,000
Sewage Meter Replacement Prog	\$ 88,000	\$ 93,000	\$ 1,000,000	\$ 80,000	\$ 10,000	\$ 10,000
Pipe Lining / Replacement	\$ 2,001,000	\$ 5,400,000	\$ 920,000	\$ 500,000	\$ 500,000	\$ 500,000
EFSDS 2022 Capital Improvements-Not Unit Specific	\$ 1,469,000					
EFSD Meter 3G Communication Upgrade	\$ 225,000					
8 Mile CIP	\$ 100,000	\$ 498,000	\$ 560,000			
Amy Pump Station Improvements	\$ -					
UST Eval & Repair	\$ -					
Eldon Street PS & Sewer Extension	BONDED					
EFSDS 10 Mile and Berg	\$ 158					
EFSDS Southfield Plum Hollow Lining Phase 3	BONDED					
Wlnut1PSFMExt	\$ 213					
Canned Station Rehab Study	\$ -					
EFSDS 8 Mile Storage Retention Tank	\$ 1,596					
Walnut 3 PS Rehab (\$800K)	\$ 1,731,000					
I-696 PS Rehab	\$ 550,000	\$ 1,143,313				
Walnut 2 PS Rehab	\$ 200,000	\$ 1,000,000	\$ 834,134			
EFSD LathVillSRT ACO	BONDED					
EF 8Mile PS CIP	\$ 100,000					
LTCAP Phase 2 Engineering	\$ 535,000	\$ 190,000				
8 Mile CAP - Conveyance	\$ 52,910	\$ 52,910				
EFSDS MeterRpl4804 4806	\$ 48,000					
SCADA Project	\$ 217,500	\$ -	\$ -	\$ -	\$ -	
EFSDS Meter and RG SCADA	\$ -					
13 Mile Level Sensor	\$ -					
EFSDS Southfield DIV Chamber ESE	\$ 15,000					
EFSDS Orchard Lk Rd Lining	\$ 908					
EFSDS Walnut Storage	BONDED					
EFSDS Southfield Rouge Arm Area 9 Lining/Rehab	\$ 143,628					
E-F 696 Farmington Crossing	\$ 1,200,000					
8 Mile Conveyance-Site Modify/Construct	BONDED	BONDED				
Total	\$ 9,125,163	\$ 11,080,473	\$ 4,205,134	\$ 1,622,000	\$ 1,230,000	\$ 555,000

EVERGREEN-FARMINGTON SANITARY DRAINAGE DISTRICT

Effective Date: July 1, 2022

Created by: Engineering Technician

Approved by: Financial Supervisor

Approved by: Manager

NOTE:

Approvals on this form represent authorization from WRC to allow Fiscal Services to invoice communities AND to pay invoices from the wholesale provider as detailed below. Any deviation in the amounts must be reviewed and approved by WRC.

1. Sewage Disposal Standard Fixed Charge (Billed Monthly)

Account #	632086	632086	632086	632086	630462	
Program #	149030	149666	149662	149667	149999	Total
Auburn Hills	\$ 26,669.25	\$ -	\$ 877.75	\$ 3,911.17	\$ 792.58	\$ 32,250.75
Beverly Hills	156,245.67	-	5,142.58	22,914.17	4,643.58	188,946.00
Bingham Farms	20,222.16	-	665.58	2,965.67	601.00	24,454.41
Birmingham	259,293.92	-	8,534.25	38,026.67	7,706.17	313,561.01
Bloomfield Hills	85,820.66	-	2,824.67	12,586.00	2,550.58	103,781.91
Bloomfield Township	611,067.00	-	20,112.42	89,615.83	18,160.83	738,956.08
Franklin	18,249.17	-	600.67	2,676.33	542.33	22,068.50
Lathrup Village	72,996.83	-	2,402.58	10,705.33	2,169.42	88,274.16
Southfield	667,118.16	-	21,957.25	97,836.00	19,826.58	806,737.99
Troy	148,213.25	-	4,878.25	21,736.17	4,404.83	179,232.50
Farmington	27,479.50	-	904.42	4,030.00	816.67	33,230.59
Farmington Hills	826,041.34	-	27,188.00	121,142.83	24,549.83	998,922.00
Keego Harbor	29,381.92	-	967.08	4,309.00	873.25	35,531.25
Orchard Lake Village	31,566.16	-	1,039.00	4,629.33	938.17	38,172.66
West Bloomfield Township	444,604.50	-	14,633.50	65,203.33	13,213.58	537,654.91
Acacia Park RTB	29,064.91	-	956.67	4,262.50	863.83	35,147.91
Birmingham RTB	29,945.58	-	985.58	4,391.67	890.00	36,212.83
Bloomfield RTB	39,035.00	-	1,284.75	5,724.67	1,160.08	47,204.50
	<u>\$ 3,523,014.98</u>	<u>\$ -</u>	<u>\$ 115,955.00</u>	<u>\$ 516,666.67</u>	<u>\$ 104,703.31</u>	<u>\$ 4,260,339.96</u>

2. High Strength Industrial Surcharge

Effective: July 1, 2022

Billed by GLWA (not handled by OCWRC Billing Services Unit)

Pollutants	Excess Pollutants
BOD	\$0.351
TSS	0.482
P	6.448
FOG	0.112

3. Industrial Waste Control (IWC)

Effective: July 1, 2022

Revenue Account #: 630953
Program Number: 149120
Program Name: General & Administrative

Meter Size	Monthly IWC Charge
5/8"	\$ 3.58
3/4"	5.37
1"	8.95
1-1/2"	19.69
2"	28.64
3"	51.91
4"	71.60
6"	107.40
8"	179.00
10"	250.60
12"	286.40
14"	358.00
16"	429.60
18"	501.20

4. Penalty Fee 1% for each month or fraction thereof on unpaid balance

5. Revision Log:

Date:	Description of Revision	Approval Signatures:

Distribution:
Billing Services
Fiscal Services
Rates and Charges

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**
MEMORANDUM

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

FROM: Lesli Maes, Operations Engineer

SUBJECT: EFSD RTB Projects for Approval

DATE: April 26, 2022

Within the Evergreen Farmington Sanitary Drain (EFSD), the WRC Retention Treatment Basin (RTB) group is responsible for operating and maintaining multiple facilities including pump stations, wet weather storage, and retention treatment facilities. As part of ongoing asset management, projects for these facilities are identified, evaluated, and planned for in collaboration with the asset management group, staff engineers and operations supervisors.

Below is a list of major maintenance and capital improvement projects within the EFSD that the RTB group is seeking approval for at this time.

EFSD FY2022 Project Planning

Project Name	Major Maintenance or Capital Improvement	Cost Estimate
Walnut Lk 1 PS Rebuild Pump 4 & Rehab Drive Shaft	MM	\$ 20,000
Walnut Lk 1 PS Replace Generator 1, ATS & Add Control Panel	CIP	\$ 410,000
Walnut Lk 1 PS Replace Wet Well Ventilation	CIP	\$ 45,000
Walnut Lk 1 PS Rebuild Pump 3 & Rehab Drive Shaft	MM	\$ 20,000
Walnut Lk 1 PS Rebuild Sewage Pumps 5 & 6	MM	\$ 60,000
Amy PS Rebuild Sewage Pump 3	MM	\$ 25,000
Morris Lake PS Replace Check Valves	CIP	\$ 12,000

This work was anticipated and budgeted for in the EFSD reserves.

Board Action Requested:

It is recommended that the Board approve the Evergreen Farmington Sanitary Drain major maintenance and capital improvement projects listed above.

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

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

FROM: Evans Bantios, P.E. Project Engineer

SUBJECT: Recommendation prepurchase of generator for the EFSD 8 Mile Outlet Conveyance CAP Project

DATE: April 26, 2022

As part of this project, we are using a Construction Manager at Risk (CMAR). Walsh was brought on a few months ago to assist during the design phase of the project. The current schedule has Walsh providing a guaranteed maximum price (GMP) by November of 2022. Some of their scope of work includes providing preliminary cost estimates and construction schedules. The critical path schedule requires the need for a new generator prior to starting any of the major work which includes upgrades to the electrical system and new larger pumps. The current anticipated lead time for a generator is 60 weeks from the time the final shop drawings are approved. We estimate an additional 20 weeks for advertisement; review of the bids; and development and review of the shop drawings. The estimated delivery date of the generator is estimated to be by January 2024. Therefore, I request that the Board approve the prepurchase of the 2-megawatt generator. The current estimated cost for the generator is approximately \$1,150,000. We plan to use undesignated funds to pay for the equipment and those funds will be reimbursed after we obtain funding for this project. When we obtain actual cost for the generator after bids are received; we will submit a change order to the Board for approval.

Requested Action: Authorize Walsh to obtain bids for the 2-megawatt generator for the EFSD 8 Mile Outlet Conveyance CAP project and pay for the generator using undesignated funds.

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

One Public Works Drive

Phone: (248) 858-0958

Waterford, Michigan 48328-1907

No. D - 444 **ENGINEERING WORK ORDER**FOR: Walnut Lake No. 3 Pump Station RehabilitationAddition to Contract # 6468 for material testing and construction engineering servicesTO: DLZ Michigan, IncDATE: April 13, 2022**DESCRIPTION**

DLZ Michigan Inc. (DLZ) will assist Oakland County Water Resources Commissioner (OCWRC) for construction phase and testing services related to the construction of the Walnut Lake No. 3 Pump Station Rehabilitation project. The scope of work includes material testing and construction engineering services. The construction engineering services proposed budget has been revised based on the actual preliminary schedule provided by the contractor. The scope of services for DLZ is detail below:

Material Testing

- Foundation Observation and Testing
- Nuclear density testing on trench backfill, subgrade materials and aggregate materials.
- Concrete testing including air content, slump, temperature and casting cylinders for early open strength and compliance on the concrete for the foundation and grout.
- Lab testing including concrete cylinder compression testing
- Lat testing including sieve analysis (Michigan Test Method – 108) on the MDOT Class II sand and MDOT 21AA specified for the project.
- Lab testing including ASTM D-1557 proctors for the trench backfill, road subgrade and aggregate materials.

Construction Engineering Services

- Engineering Services during Construction of the Project including conducting Pre-Construction Meetings, preparing agendas and attendance of monthly progress meetings.
- Review and approval of shop drawings and submittals.
- Responses to requests for information.
- Preparation of Contract Change Orders, Payment Certification assistance Equipment Testing and Startup services, and development of As-Built Drawings and documents.
- Part time Resident Project Representation services, as required.

The OCWRC inspector and/or the OCWRC Project Engineer will coordinate with DLZ for services when needed for the project.

Fees for this Engineering Work Order shall be billed on a time and material basis according to the contract standard fee and schedule. The total amount of this Engineering Work Order is as follows:

Construction Engineering Services	\$31,144
Construction Materials Testing	\$8,081
 Total	 \$39,225

DLZ submitted a separate proposal for this project as specified in Exhibit IX, Article II.b based on the rates included in the contract. This amount is not to be exceeded without written authorization by OCWRC. DLZ will bill OCWRC for actual services rendered in accordance with Contract No. 6468.

RECOMMENDED		ACCEPTED	DATE:
<i>Evangelos Bantios</i>			
By:	Evangelos Bantios, P.E. Civil Engineer III OCWRC	By:	Terry Biederman, P.E. Vice President DLZ Michigan, Inc.
APPROVED		APPROVED	DATE:
DATE:			
By:	Joel Brown, P.E. Chief Engineer OCWRC	By:	Sid Lockhart, P.E. Special Projects Manager OCWRC

Approved by Drainage Board on: _____

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

TO: Jim Nash, Chairperson
Evergreen-Farmington Sanitary Drain Drainage District

FROM: Craig Tiell, Project Engineer
Scott Schultz, Consulting Engineer

SUBJECT: EFSD Southfield Rouge Arm Lining- Area 7
Approval of Fishbeck Engineering Work Order and Authorization for Project Creation

DATE: April 26, 2022

The attached Engineering Work Order between Fishbeck and the Evergreen-Farmington Sanitary Drain Drainage District is being presented for review and approval.

OCWRC has identified the following area of the Evergreen Farmington Sewage Disposal System as a high-risk area in need of rehabilitation. The existing sewer shows moderate to high surface damage consistent with hydrogen sulfide (H₂S) degradation.

This area begins at 10 Mile Road in the city of Southfield (between Berg and Lahser Road) and runs south to 9 Mile Road. Consisting of approximately (6000') of 48" and 36" RCP pipe as well as (18) manholes. See attached sketches.

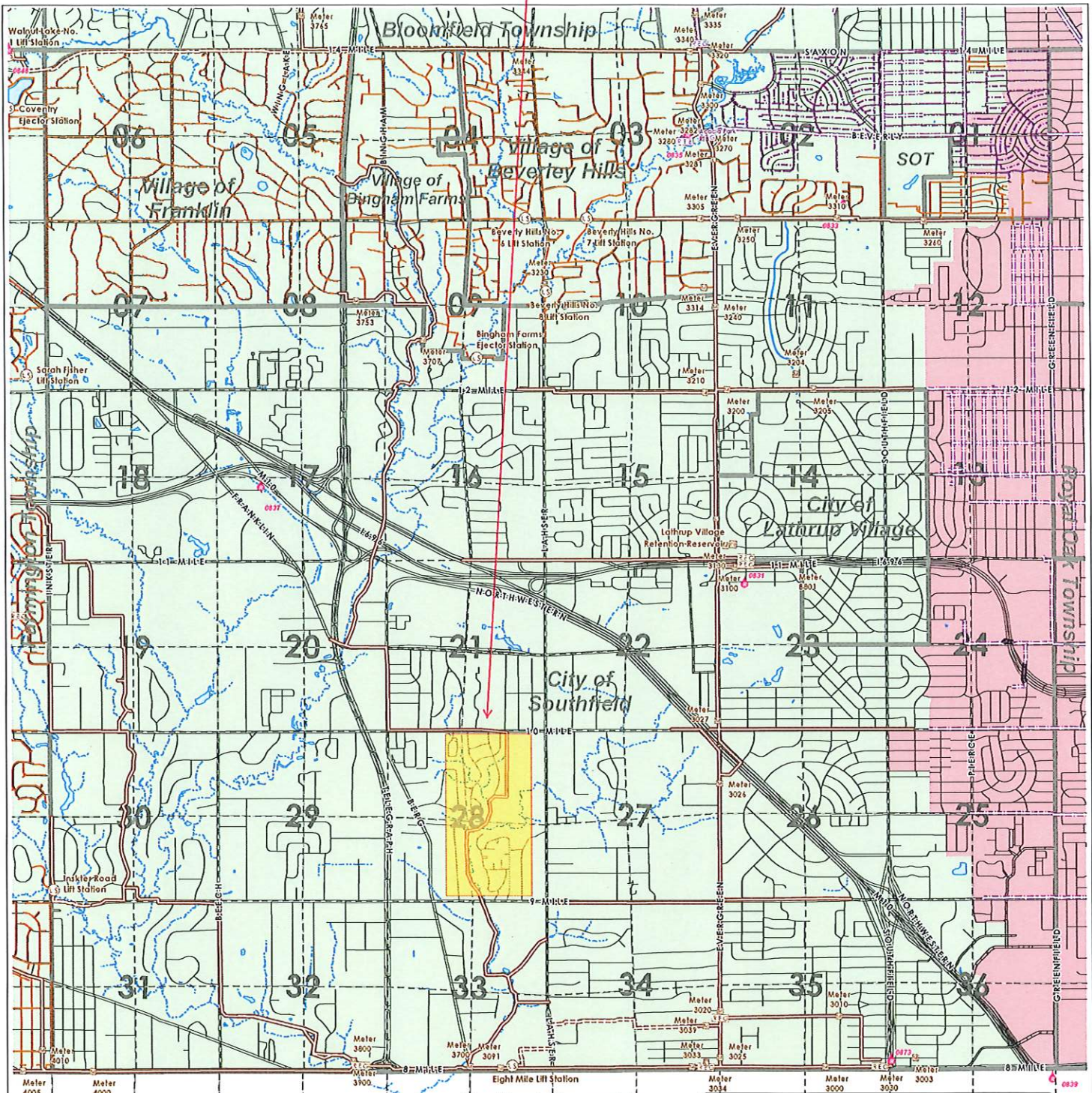
The total amount of the Engineering Work Order for Fishbeck is a not-to-exceed amount of \$243,600 and includes all engineering fees to develop design documents and prepare bid documents for the above-mentioned project. Staff has reviewed Fishbeck's proposal and determined it to be fair and reasonable.

In addition to creation of the work order, we would also like to initiate a project for a not-to-exceed \$600,000, to facilitate the project design and easement procurement. This amount is inclusive of Fishbeck's design cost of \$243,600.

The design portion of this project will be funded by capital reserves and has already been budgeted in the Evergreen Farmington SDS- CIP for fiscal year 2022. Construction funding as well as a construction timeline for this project has yet to be determined.

Requested Action: Approve attached Engineering Work Order (DC-109) in the amount of \$243,600 and set up a project for a not-to-exceed amount of \$600,000

EFSD Southfield Rouge Arm- Area 7



LEGEND

	Sewer Flow Regulator		Combined Flow Regulator
	Sewery Wastewater Treatment Plant		Combined Retention Treatment Basin
	Community Septic		Combined LIFT Station
	Sewery Retention Basin		Combined Flow Level Monitoring Site
	Sewery LIFT Station		Combined Vault
	Sewery Flow Level Monitoring Site		Combined Retention Detention Vault Basin
	Sewery Vault		Combined Large Pipe
	Sewery Retention/Collection Vault Basin		Combined Inverter
	Sewery Large Pipe		Combined Lateral
	Sewery Inverter		Combined Catchment
	Sewery Trunk		Combined FM Interceptor
	Sewery Siphon		Combined FM Trunk
	Sewery FM Interceptor		Combined FM PPS Lateral
	Sewery FM Trunk		Combined Sewage Disposal System
	Sewery FM PPS Lateral		Ontonagon-Lake Sewage Disposal System
	Municipal District		Evanston Farmington Sewage Disposal System
	Rain Gauge		Huron-Rouge Sewage Disposal System
			Oakland-Macomb Sewage Disposal System
			Porter Sewage Disposal System
			Southfield Sewage Disposal System
			Wood Lake Sewage Disposal System

Maps prepared by:

WATER RESOURCES COMMISSIONER
 Jim Nash

1 Public Works Drive, Bldg 95W
 Waterford, Michigan
 48328-1907

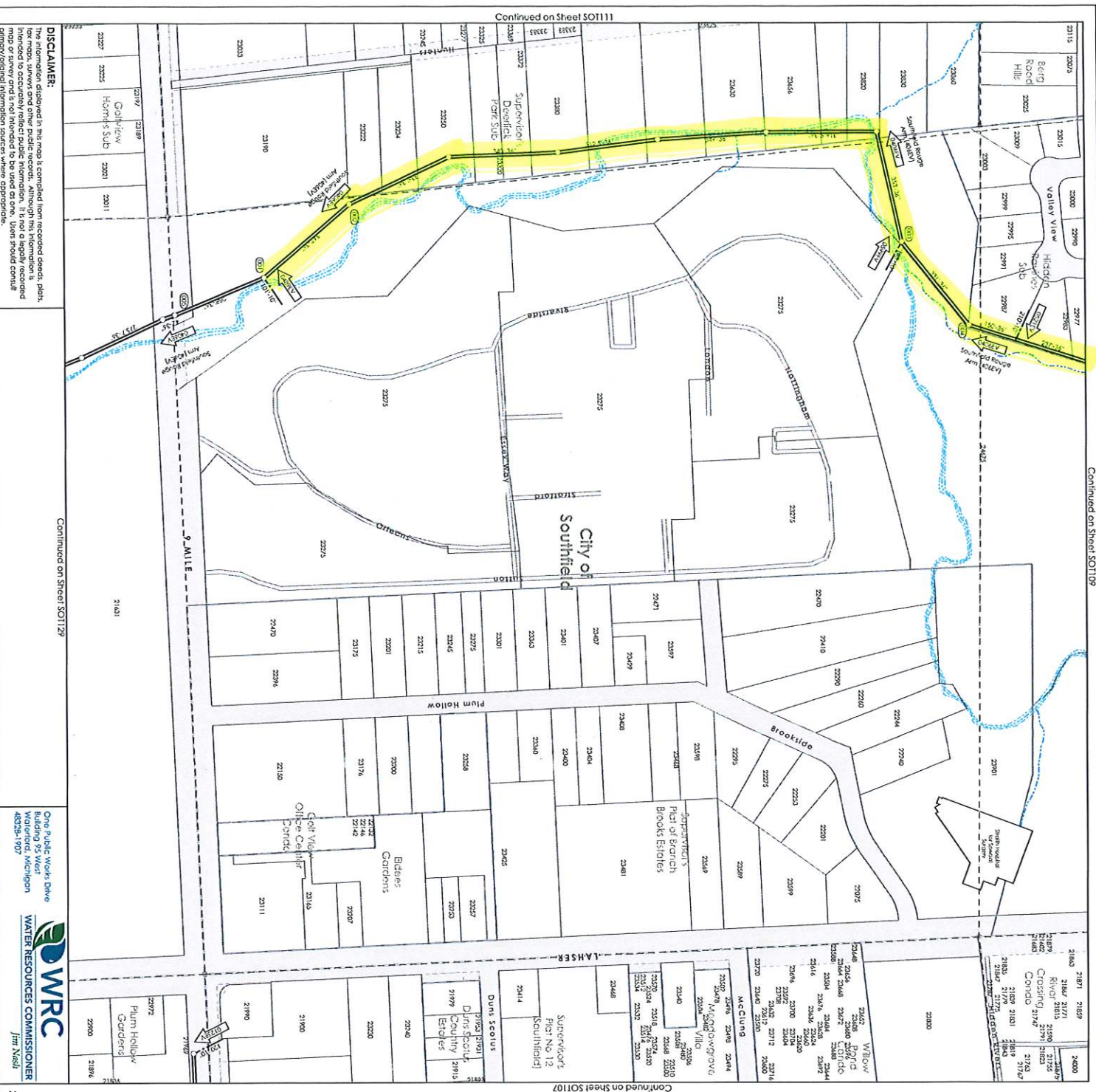
DISCLAIMER
 The information contained on this map is considered to be accurate as of the date of preparation. However, the user of this map should verify the accuracy of the information for their specific use. The City of Southfield is not responsible for any errors or omissions on this map.



City of Southfield Sanitary and Combined Sewer Systems

1 inch = 2000 feet

Revision Date: March 15, 2023
 J:\Drawings\Sanitary\COMBINE\Index Map\GDT_Sewer_Comb_Index_Map.mxd



DISCLAIMER:
The information displayed in this map is compiled from recorded deeds, plats, maps, 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.

Continued on Sheet SOT129

One Public Works Drive
Building 95 West
Warrenton, Michigan
48251-100

WRPC
WATER RESOURCES COMMISSIONER
Jim Nash

SANITARY COMMAND SEWER LEGEND

Symbol/Line Style	Description
(M)	Manhole
(S)	Sanitary Sewer
(L)	Storm Sewer
(D)	Water Main
(G)	Gas Line
(E)	Electric
(T)	Telephone
(F)	Fiber Optic
(C)	City Boundary
(R)	Right-of-Way
(H)	Highway
(P)	Proposed Sewer
(X)	Existing Sewer
(Y)	Proposed Storm
(Z)	Existing Storm
(A)	Proposed Water
(B)	Existing Water
(K)	Proposed Gas
(J)	Existing Gas
(I)	Proposed Electric
(H)	Existing Electric
(G)	Proposed Telephone
(F)	Existing Telephone
(E)	Proposed Fiber Optic
(D)	Existing Fiber Optic
(C)	Proposed City Boundary
(B)	Existing City Boundary
(A)	Proposed Right-of-Way
(Z)	Existing Right-of-Way
(Y)	Proposed Highway
(X)	Existing Highway

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

One Public Works Drive, Bldg. 95 West
 Waterford, Michigan 48328-1907
 Phone: (248) 858-0958

No. SS -157**ENGINEERING WORK ORDER**FOR: EFSD Southfield Rouge Arm Lining- Area 7TO: FishbeckDATE: 04/14/22**DESCRIPTION**

This Engineering Work Order is your authorization to proceed with the following engineering services for the EFSD Southfield Rouge Arm Lining- Area 7 Project. This work is being done under the existing Engineering Services Contract No. 006490. Fishbeck proposal dated April 14, 2022, is attached for reference.

Exhibit IX Article II.b- Scope of Contractors Deliverables / Financial Obligations

Provide professional engineering services for the following: Design and bidding services for the CIPP lining of approximately (6000') of 36" and 48" sanitary sewer as well as the rehabilitation of (18) manholes located west of Lahser Road between 9 Mile Road and 10 Mile Road due to hydrogen sulfide degradation.

Task 1 (Design Phase): Develop easement maps, prepare construction access, staging and restoration drawings for the proposed area. Prepare bypass pumping, manhole and sewer lining design documents. Includes all coordination meetings and permit applications. Provide Engineer's Estimate of Probable Construction Costs. Also includes a \$50,000 allowance for a topographical survey and tree survey.


Task 2 (Bidding Phase): Issue construction document, conduct pre-bid meeting and respond to contractor questions. Assist OCWRC staff in reviewing proposals which may includes bid tabulations, contractor evaluations and award recommendation.

Payment to Fishbeck for this authorization shall be in accordance with the rate schedule set forth in the above-mentioned Engineering Services Contract.

The authorization for these services shall be based on time and material not to exceed **\$243,600.00.**

RECOMMENDED Date: 4/20/22


ACCEPTED Date: 4/21/2022

By: 
Craig Tiel
Civil Engineer II
OCWRC

By: 
FISHBECK

APPROVED Date: 4/21/2022

APPROVED Date: 4/21/22

By: 
Joel Brown, P.E.
Chief Engineer
OCWRC

By: 
Sid Lockhart, P.E.
Special Projects Manager
OCWRC

Approved by Drainage Board on: _____

CHANGE ORDER NO. 1

Jim Nash, Oakland County Water Resources Commissioner
 For Construction of the 8 Mile Pump Station Capital Improvements Projects
 Located in Southfield, Oakland County, Michigan

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

Authorization for Extras To & Changes In Contract

Change Order No: 1 Date: 4/14/2022

Auth No.	Location-Description-Reason	Unit Used	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1-1	<p>LOCATION: 8 Mile Road Pump Station</p> <p>DESCRIPTION: Upgrade of existing elevator for dry well</p> <p>REASON: The existing elevator was installed in the late 1950's. The elevator has not had any major improvements since the original installation date. The current proposed improvements will bring the elevator up to current design and safety standards.</p>	LS	1.00	\$285,469.59	\$285,469.59	---
Totals					\$285,469.59	\$0.00
Net Increase					\$285,469.59	---

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER

CHANGE ORDER NO. 1

Jim Nash, Oakland County Water Resources Commissioner
For Construction of the 8 Mile Pump Station Capital Improvements Projects
Located in Southfield, Oakland County, Michigan

Prepared by: Evangelos Bantios Date: 4/14/2022
Project Engineer – Evangelos Bantios, P.E. - OCWRC

Recommended by: _____ Date: _____
Consulting Engineer – Joe Siwek, P.E. - Fishbeck

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

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

Accepted by:   Date: _____
Josh Bohanon - Business Group Leader

of: Walsh Construction Company II, LLC

Approved by: _____ Date: _____
Manager - Sid Lockhart, P.E. - Special Projects 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 No. 1 was approved by the Drainage Board on: _____

**Jim Nash, Oakland County Water Resources Commissioner
S. Evergreen Interceptor Rehabilitation
Beverly Hills, Birmingham & W. Bloomfield Township
Oakland County, Michigan**

Regular Construction Estimate No. 3

March 1, 2022 to March 31, 2022

Department No.: 6010101
Fund No.: 58410
Project No.: 1-2914

Account No.: 730352
Program No.: 149662
Activity: FAC

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

Account No.: 730352
Date of Contract: January 10, 2022
Completion Date: June 10, 2022
Extended to: N/A

Original Contract Amount:		\$1,854,000.00
Previous Change Orders: Numbers: 1		\$8,250.00
Change Orders This Estimate: Numbers:		\$0.00
Total Net Change Orders:		\$8,250.00
Adjusted Contract Amount:		\$1,862,250.00
Sub-Total To Date: (Sheet 3 of 3 Column 7)		\$860,594.30
Less Deductions: (Sheet 3 of 3 Column 7)		\$0.00
Gross Estimate: (Work in Place)	46.21%	\$860,594.30
Less Amount Reserved: (10% of Gross Estimate)		\$86,059.43
Total Amount Allowed To Date:		\$774,534.87
Less Previous Estimates:		\$376,904.07
Net Payment Request To Be Paid To Contractor:		\$397,630.80
Reserve Payment to Contractor		\$0.00
Balance of Contract To Date	\$ 1,001,655.70	Accounting Auditor:
Amount To Be Reserved (From Above)		\$86,059.43
Less Previous Transfers To Reserve:		\$41,878.23
Amount of Current Transfer:		\$44,181.20

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

Date: 4/18/2022

Recommended by: Bradly W. Shepler
Bradly W. Shepler, P.E. - Hubbell, Roth & Clark, Inc.

Date: 4/18/2022

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

Date: 4/21/2022

Approved For Payment: Sid Lockhart
Sid Lockhart, P.E. - Special Project Manager

Date: 4/21/22

Regular Construction Estimate No. 3

Approved By Board On: _____

**Jim Nash, Oakland County Water Resources Commissioner
S. Evergreen Interceptor Rehabilitation
Beverly Hills, Birmingham & W. Bloomfield Township
Oakland County, Michigan**

Regular 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 Estimate
1	Mobilization, 5% Max	1	Lsume	\$65,000.00	0.50	0.50	1.00	\$65,000.00	32,500.00
2	Color Audio-Video Recording of Construction Areas	1	Lsum	\$5,000.00		1.00	1.00	\$5,000.00	0.00
3	Traffic Maintenance & Control	1	Lsum	\$83,000.00	0.30	0.60	0.90	\$74,700.00	24,900.00
4	Soil Erosion and Sedimentation Control	1	Lsum	\$40,000.00	0.90	0.00	0.90	\$36,000.00	36,000.00
5	HMA, Surface, Rem	584	Syd	\$25.00		0.00	0.00	\$0.00	0.00
6	Interceptor, Manhole Reconstruct	5	Ea	\$7,500.00	1.00	0.00	1.00	\$7,500.00	7,500.00
7	Tempoary Bypass Pumping Delivery System, Setup and Restore	1	Lsum	\$234,147.00		0.90	0.90	\$210,732.30	0.00
8	Bypass Pumping System, Pump Rental	70	days	\$4,000.00	31.00	0.00	31.00	\$124,000.00	124,000.00
9	Bypass Pumping System, Pump Operation	48	days	\$1,500.00	20.00	0.00	20.00	\$30,000.00	30,000.00
10	Birmingham Tunnel Diversion, Complete	1	Lsum	\$125,000.00		0.90	0.90	\$112,500.00	0.00
11	Internal Video Inspection 54-inch Dia, Sewer	4,148	Lft	\$10.00	1,643.00	0.00	1,643.00	\$16,430.00	16,430.00
12	Interceptor, Manhole Lining	475	Sft	\$80.00		0.00	0.00	\$0.00	0.00
13	Concrete Repair, Prep and Patch	33	Ea	\$1,500.00	29.00	0.00	29.00	\$43,500.00	43,500.00
14	Grouting System Setup, Joint (Incl. 4 Ports)	56	Ea	\$1,250.00	52.00	0.00	52.00	\$65,000.00	65,000.00
15	Chemical Grout	6,048	Gal	\$25.00	1,266.00	0.00	1,266.00	\$31,650.00	31,650.00
16	Aggregate Base, 21AA, 8 Inch, Special	584	Syd	\$25.00		0.00	0.00	\$0.00	0.00
17	HMA 5E3, Mod	203	Ton	\$200.00		0.00	0.00	\$0.00	0.00
18	Turf Restoration	1	Lsum	\$60,000.00		0.00	0.00	\$0.00	0.00
19	Permit Allowance Fee	1	Lsum	\$15,000.00	0.10	0.00	0.10	\$1,500.00	1,500.00
20	Exploratory Excavation for Utilities	10	Vft	\$600.00		0.00	0.00	\$0.00	0.00
21	Fracture Repair	50	Lft	\$150.00		0.00	0.00	\$0.00	0.00
22	Reinforcement Repair	20	Ea	\$1,750.00		0.00	0.00	\$0.00	0.00
23	Additional Grout Port	23	Ea	\$1.00	32.00		32.00	\$32.00	32.00
24	Concrete Repair, Prep and Patch, Directed	14	Ea	\$1,200.00	24.00	0.00	24.00	\$28,800.00	28,800.00
25	Chemical Grouting System Setup, Joint (Incl. 4 Ports), Directed	13	Ea	\$1,750.00		0.00	0.00	\$0.00	0.00
26	Chemical Grout, Directed	3,152	Gal	\$25.00		0.00	0.00	\$0.00	0.00
27	Cement Grout, Mobilization	1	Lsum	\$32,000.00		0.00	0.00	\$0.00	0.00
28	Cement Grout, De-Mobilization	1	Lsum	\$10,000.00		0.00	0.00	\$0.00	0.00
29	Cement Grout, Ports	50	Ea	\$500.00		0.00	0.00	\$0.00	0.00
30	Cement Grout	1,600	Cft	\$60.00		0.00	0.00	\$0.00	0.00
31	Spin-Cast Geopolymer Lining, 54 inch	25		\$1,500.00		0.00	0.00	\$0.00	0.00
32	Allowance for Odor Control	1	Lsum	\$50,000.00		0.00	0.00	\$0.00	0.00

Change Orders:

1A	Portable Changeable Message Signs	4	EA	\$1,500.00		4.00	4.00	\$6,000.00	0.00
1B	15 Type III signs	1	LS	\$2,250.00		1.00	1.00	\$2,250.00	0.00

Stored Material:

						0.00	0.00	\$0.00	0.00

SUB-TOTAL (Bid Items):

SUB-TOTAL (Change Orders):

SUB-TOTAL (Stored Material):

SUB-TOTAL TO DATE

\$852,344.30 441,812.00

\$8,250.00 0.00

\$0.00 0.00

\$860,594.30 441,812.00

Deductions:

						0.00	0.00	\$0.00	0.00

SUB-TOTAL (Deductions):

\$0.00 0.00

Sub-Totals This Estimate

Bid Items	441,812.00
Change Orders	0.00
Stored Materials	0.00
Deductions	0.00
Payment this Estimate	441,812.00
Less Transfer to Reserve	44,181.20
Net Payment	397,630.80

5. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of March 22, 2022
3. Public Comments
4. GLWA/Highland Park Litigation Letter to Governor Whitmer
5. Present Memorandum from Brian Coburn, P.E., Manager, dated April 26, 2022, requesting the Board to approve the rates and charges for the rate year beginning July 1, 2022
6. Present request for Board approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$142,201.89
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

March 22, 2022

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 11:00 a.m. on the 22nd day of March 2022.

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 February 28, 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 memorandum Carrie Cox, P.E., Chief Engineer, dated March 22, 2022, requesting the Board to approve the allocation of \$60,000 in Capital funds to install the replacement rain gauges at the two locations within the City of Troy was presented. It was moved by Markham, supported by Nash, to approve the allocation of \$60,000 in Capital funds to install the replacement rain gauges at the two locations within the City of Troy as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Joel Kohn, Environmental Planner, dated March 22, 2022, requesting the Board to receive and file the Phase 3 Southeast Oakland County Wet Weather Sampling Report from Environmental Consulting & Technology, Inc. (ECT) was presented. After a presentation of the report by Annette DeMaria, P.E., Principal Engineer with ECT, it was moved by Markham, supported by Nash, to receive and file the Phase 3 Southeast Oakland County Wet Weather Sampling Report from Environmental Consulting & Technology, Inc. as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Lynne Seymour, P.E., Chief Engineer dated March 22, 2022, requesting the Board to authorize Hubbell, Roth, & Clark, Inc. to commence work to develop conceptual plans for parking lot and green infrastructure improvements at the pollution

control facility as outlined in its December 20, 2021 proposal for a not-to-exceed cost of \$26,200 was presented. It was moved by Markham, supported by Nash to authorize Hubbell, Roth, & Clark, Inc. to commence work outlined in its December 20, 2021 proposal for a not-to-exceed cost of \$26,200 as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Leslie Maes, Operations Engineer, dated March 22, 2022, requesting the Board to approve a 3-year non-purchasing contract with Brehob Corporation for the not-to-exceed amount of \$150,000 was presented. It was moved by Markham, supported by Nash to approve a 3-year non-purchasing contract with Brehob Corporation for the not-to-exceed amount of \$150,000 as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from George Nichols, P.E. Civil Engineer III, dated March 22, 2022, requesting the Board to award the Campbell Road Siphon Cleaning to Doestch Environmental Services in the amount of \$179,500 and authorize the allocation of funds from the Drainage District Sewage Disposal Fund was presented. It was moved by Markham, supported by Nash, to award the Campbell Road Siphon Cleaning to Doestch Environmental Services in the amount of \$179,500 and authorize the allocation of funds from the Drainage District Sewage Disposal Fund as presented.

ADOPTED: Yeas - 2
Nays - 0

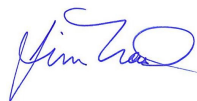
A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,880.70 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and/or reimbursement of the Drain Revolving Fund in the amount of \$8,880.70.

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.

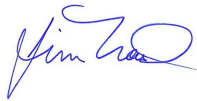


Jim Nash, Chairperson

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 George W. Kuhn Drain, Oakland County, Michigan, held on the 22nd day of March 2022, 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 George W. Kuhn Drain Drainage District.



Jim Nash, Chairperson

Dated: March 22, 2022



Jim Nash

April 26, 2022

The Honorable Gretchen Whitmer, Governor
P.O. Box 30013
Lansing, Michigan 48909

**Re: George W. Kuhn Drain Drainage District
Objection to Subsidizing Highland Park's Sewer Services**

Dear Governor Whitmer:

It's been nearly a year since the City of Highland Park has made any payments for the sewer services it receives from the Great Lakes Water Authority (GLWA). When Highland Park doesn't pay, its obligations are borne by the other communities receiving GLWA's sewer services. The George W. Kuhn Drain Drainage District is among those "other communities."

The State of Michigan has had a direct role in the City of Detroit, now GLWA, providing water services to Highland Park. By way of background, the state requested the Detroit Water & Sewerage Department provide emergency water services to Highland Park because the state determined the city's water treatment plant was creating a public health risk to its residents. On November 12, 2012, the state represented the repairs to the water treatment plant were to be completed within three or four days. Neither the state nor the city repaired the water treatment plant, and it remains shuttered to this date.

Today, Highland Park's payment history for both its water and sewer service from GLWA remains more than a little troubling. From 2013 through March of 2021, Highland Park has paid approximately half of what it owes for the sewer services it receives. If this trend of non-payment continues, by the end of FY 2023, this arrearage will top \$48 million.

To make up for this deficiency, GLWA has allocated nearly \$8 million of Highland Park's current arrearages to the George W. Kuhn Drain Drainage District. For FY 2023 charges, the district is expected to pay an additional \$931,300 of Highland Park's bill.

This inequity cannot continue. It is patently unfair for the people living in the George W. Kuhn District to be asked to pick up Highland Park's sewer tab. That's why, as chairman of the district, I'm asking that you intervene on behalf of the drainage district to resolve this matter. I'm confident that your staff and Suzanne Coffey, GLWA's Interim Chief Executive Officer, can find an equitable solution to this ongoing dilemma.

Sincerely,

A handwritten signature in blue ink that reads "Jim Nash".

Jim Nash, Chairman
George W. Kuhn Drain Drainage District



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

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

FROM: Brian Coburn, P.E., Manager

SUBJECT: FY 2022-2023 Rate Recommendation

DATE: April 26, 2022

The purpose of this memorandum is to communicate a recommendation to the Board of the George W. Kuhn Drain Drainage District (GWK) detailing the proposed monthly charges to our customer communities based on approved Great Lakes Water Authority (GLWA) monthly charges for its fiscal 2022-23 rate year.

The attached monthly charges were presented to the GWK customer communities on April 25, 2022. Community representatives were advised that we would continue to follow the rate share calculation based on a five-year average of water volume to determine each community's monthly sewage charge. These percentages are reviewed annually during the rate-setting process. The stormwater charge continues to be based on the apportionment percentages previously adopted by the Board. The revised monthly charges for services will be billed starting July 2022.

Because of increases in operating expenses, there is an overall 4.1% increase from the previous year for combined sewage and stormwater charges. Please refer to the attached Schedule of Rates and Charges for a list of charges for each community. Detailed worksheets, including a Financial Summary, Monthly Charge Schedule, and Share and Monthly Charge Comparison, also are attached.

Recommended Action: Approve the rates and charges for the rate year beginning July 1, 2022, as presented.

Great Lakes Water Authority
Approved FY 2023 Sewage Disposal System Service Charges and Allocated Revenue Requirements
Effective Date: July 1, 2022

Line	Fixed Monthly Charge	Projected Revenue from Charges
<u>No.</u> <u>Suburban Wholesale</u>	<u>\$/mo</u>	<u>\$</u>
1	OMID	72,684,000
2	Rouge Valley	57,039,600
3	Oakland GWK	47,298,000
4	Evergreen Farmington	36,913,200
5	SE Macomb San Dist	25,567,200
6	Dearborn	20,701,200
7	Grosse Pointe Farms	2,803,200
8	Grosse Pointe Park	1,942,800
9	Melvindale	1,604,400
10	Farmington	1,222,800
11	Center Line	1,063,200
12	Allen Park	865,200
13	Highland Park	5,528,400
14	Hamtramck	4,122,000
15	Grosse Pointe	918,000
16	Harper Woods	222,000
17	Redford Township	276,000
18	Wayne County #3	52,800
19	Subtotal "Regional Wholesale Revenues from Charges"	280,824,000
20	Industrial Specific Revenues	13,370,800
21	Subtotal "Regional Wholesale Revenues from Charges"	294,194,800
22	less: Highland Park Bad Debt	(5,420,500)
23	Total "Regional Wholesale Revenues" (a)	288,774,300
	<i>* Wholesale charges will be effective July 1, 2022</i>	
	Detroit Customer Class - \$	
24	Wholesale Revenue Requirement (c)	196,558,200
25	less: Ownership Benefit per Lease	(5,516,000)
26	Net Wholesale Revenue Requirement	191,042,200
27	Indirect Retail Revenue Requirements (d)	39,357,300
28	less: Use of Lease Payment for Debt Service	0
29	Net Indirect Retail Revenue Requirements (d)	39,357,300
30	Subtotal Subject to GLWA Board Approval (26) + (29)	230,399,500
31	Direct Retail Revenue Requirements (e)	64,750,500
32	Total Local System Revenue Requirement (29) + (31)	104,107,800
33	Total Requirement from Detroit Customer Class (a)	295,150,000
(a)	<i>Agrees with "GLWA Budget Schedule 3"</i>	
(b)	<i>Reserved</i>	
(c)	<i>Wholesale revenue requirements for the Detroit Customer Class.</i>	
(d)	<i>Local System revenue requirements related to Master Bond Ordinance (local debt service, etc.)</i>	
(e)	<i>Local System operating expenses (net of shared services reimbursement) and I&E deposit. Not Subject to GLWA Board approval.</i>	
(d)&(e)	<i>Local System information provided from Detroit Water & Sewerage Department as of January 19, 2022.</i>	

Great Lakes Water Authority
Approved FY 2023 Sewage Disposal System
Industrial Specific Retail Charges
Effective Date: July 1, 2022

Industrial Waste Control Charges		
<u>Meter Size</u> <i>inches</i>	<u>Full Charge</u> <i>\$/mo</i>	<u>Admin Only Charge</u> <i>\$/mo</i>
5/8	3.58	0.90
3/4	5.37	1.34
1	8.95	2.24
1-1/2	19.69	4.92
2	28.64	7.16
3	51.91	12.98
4	71.60	17.90
6	107.40	26.85
8	179.00	44.75
10	250.60	62.65
12	286.40	71.60
14	358.00	89.50
16	429.60	107.40
18	501.20	125.30
20	572.80	143.20
24	644.40	161.10
30	716.00	179.00
36	787.60	196.90
48	859.20	214.80

Pollutant Surcharges	
<u>Pollutant</u>	<u>Charge</u> <i>\$/lb</i>
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	0.351
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	0.482
PHOSPHORUS (P) for concentrations > 12 mg/l	6.448
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	0.112
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	36.00

George W. Kuhn Sewage and Twelve Towns
58510 and 58530
Financial Summary

	2021 Actual	2022 Budget	2023 Forecast	Inc / (Dec)	% Variance
<u>Operating Revenues</u>					
Operating Rate Revenue	\$ 24,156,140.30	\$ 23,341,970.00	\$ 24,362,050.00	\$ 1,020,080.00	4.4%
Operating Non-Rate Revenue	4,785,570.03	139,110.00	129,750.00	(9,360.00)	-6.7%
Operating Revenues	<u>\$ 28,941,710.33</u>	<u>\$ 23,481,080.00</u>	<u>\$ 24,491,800.00</u>	<u>\$ 1,010,720.00</u>	<u>4.3%</u>
<u>Operating Expenses</u>					
Sewage Treatment	\$ 21,889,821.00	\$ 21,355,800.00	\$ 22,277,360.00	\$ 921,560.00	4.3%
Sewer System Maintenance	237,991.56	288,540.00	257,690.00	(30,850.00)	-10.7%
Sewer System Engineering	100,387.82	79,190.00	108,350.00	29,160.00	36.8%
Water Purchases	-	-	-	-	
Water Maintenance Unit	-	-	-	-	
Water Systems Engineering	-	-	-	-	
Septage Unloading Facility	-	-	-	-	
Pump Maintenance Unit	15,569.26	14,120.00	14,800.00	680.00	4.8%
Systems Control Unit	189,189.66	167,590.00	191,920.00	24,330.00	14.5%
Plan Review and Permitting	106,423.72	80,620.00	95,460.00	14,840.00	18.4%
Inspection	6,660.68	9,820.00	8,960.00	(860.00)	-8.8%
IPP	-	-	-	-	
Laboratory	-	-	-	-	
Mapping Unit	15,336.67	13,690.00	15,090.00	1,400.00	10.2%
Miss Dig	1,765.35	2,390.00	2,320.00	(70.00)	-2.9%
Billing Services Unit	-	-	-	-	
General and Administrative	1,440,514.80	1,469,320.00	1,519,850.00	50,530.00	3.4%
Total Operating Expenses	<u>24,003,660.52</u>	<u>23,481,080.00</u>	<u>24,491,800.00</u>	<u>1,010,720.00</u>	<u>4.3%</u>
Net Income	<u>\$ 4,938,049.81</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
Depreciation	(53,144.98)	(42,990.00)	(53,150.00)	(10,160.00)	23.6%
<u>Reserves</u>					
Non-Operating Revenue	\$ 500,000.07	\$ 500,000.00	\$ 500,000.00	\$ -	0.0%
Non-Operating Expense	-	-	-	-	
Major Maintenance Reserve Revenue	689,590.74	689,590.00	710,280.00	20,690.00	3.0%
Major Maintenance Reserve Expense	(427,050.63)	(1,273,310.00)	(1,190,260.00)	83,050.00	-6.5%
Emergency Reserve Revenue	99,999.93	100,000.00	100,000.00	-	0.0%
Emergency Reserve Expense	-	-	-	-	
Capital Reserve Revenue	1,350,000.81	1,350,000.00	1,390,500.00	40,500.00	3.0%
Capital Reserve Expense	(98,820.13)	(1,130,000.00)	(1,060,000.00)	70,000.00	-6.2%
Change in Net Assets	<u>\$ 6,998,625.62</u>	<u>\$ 193,290.00</u>	<u>\$ 397,370.00</u>	<u>\$ 204,080.00</u>	<u>105.6%</u>
<u>Rate Revenue</u>					
Revenue Requirements:					
Operating Expense	\$ 24,003,660.52	\$ 23,481,080.00	\$ 24,491,800.00	\$ 1,010,720.00	4.3%
Non-Operating	500,000.07	500,000.00	500,000.00	-	0.0%
Major Maintenance	689,590.74	689,590.00	710,280.00	20,690.00	3.0%
Emergency Maintenance	99,999.93	100,000.00	100,000.00	-	0.0%
Capital	1,350,000.81	1,350,000.00	1,390,500.00	40,500.00	3.0%
Total Revenue Requirements	<u>\$ 26,643,252.07</u>	<u>\$ 26,120,670.00</u>	<u>\$ 27,192,580.00</u>	<u>\$ 1,071,910.00</u>	<u>4.1%</u>
Non-Rate Revenue	<u>\$ (4,785,570.03)</u>	<u>\$ (139,110.00)</u>	<u>\$ (129,750.00)</u>	<u>\$ 9,360.00</u>	<u>-6.7%</u>
Rate Required Revenue	<u>\$ 21,857,682.04</u>	<u>\$ 25,981,560.00</u>	<u>\$ 27,062,830.00</u>	<u>\$ 1,081,270.00</u>	<u>4.2%</u>

George W. Kuhn Pollution Control
58520
Financial Summary

	2021 Actual	2022 Budget	2023 Forecast	Inc / (Dec)	% Variance
<u>Operating Revenues</u>					
Operating Rate Revenue	\$ 26,682,175.05	\$ 27,479,020.00	\$ 28,612,160.00	\$ 1,133,140.00	4.1%
Operating Non-Rate Revenue	260,621.81	647,340.00	533,030.00	(114,310.00)	-17.7%
Operating Revenues	<u>\$ 26,942,796.86</u>	<u>\$ 28,126,360.00</u>	<u>\$ 29,145,190.00</u>	<u>\$ 1,018,830.00</u>	<u>3.6%</u>
<u>Operating Expenses</u>					
Sewage Treatment	\$ 28,540,528.87	\$ 24,558,040.00	\$ 25,109,380.00	\$ 551,340.00	2.2%
Sewer System Maintenance	338,972.10	341,180.00	322,690.00	(18,490.00)	-5.4%
Sewer System Engineering	734,156.57	311,760.00	768,020.00	456,260.00	146.3%
Water Purchases	-	-	-	-	
Water Maintenance Unit	-	-	-	-	
Water Systems Engineering	-	-	-	-	
Septage Unloading Facility	-	-	-	-	
Pump Maintenance Unit	1,588,366.93	1,637,360.00	1,643,160.00	5,800.00	0.4%
Systems Control Unit	62,578.63	107,990.00	65,140.00	(42,850.00)	-39.7%
Plan Review and Permitting	-	-	-	-	
Inspection	-	-	-	-	
IPP	-	-	-	-	
Laboratory	10,481.61	13,310.00	10,880.00	(2,430.00)	-18.3%
Mapping Unit	3,996.28	810.00	1,950.00	1,140.00	140.7%
Miss Dig	-	-	-	-	
Billing Services Unit	-	-	-	-	
General and Administrative	1,115,580.62	1,155,910.00	1,223,970.00	68,060.00	5.9%
Total Operating Expenses	<u>32,394,661.61</u>	<u>28,126,360.00</u>	<u>29,145,190.00</u>	<u>1,018,830.00</u>	<u>3.6%</u>
Net Income	<u>\$ (5,451,864.75)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	
Depreciation	(69,553.46)	(67,730.00)	(66,980.00)	750.00	-1.1%
<u>Reserves</u>					
Non-Operating Revenue	\$ 536,531.84	\$ -	\$ -	\$ -	
Non-Operating Expense	(68,932.38)	-	-	-	
Major Maintenance Reserve Revenue	308,999.76	309,000.00	318,270.00	9,270.00	3.0%
Major Maintenance Reserve Expense	(302,620.96)	(431,020.00)	(744,520.00)	(313,500.00)	72.7%
Emergency Reserve Revenue	50,000.52	50,000.00	50,000.00	-	0.0%
Emergency Reserve Expense	-	-	-	-	
Capital Reserve Revenue	530,450.34	530,450.00	546,360.00	15,910.00	3.0%
Capital Reserve Expense	(1,166,448.00)	(982,000.00)	(1,135,000.00)	(153,000.00)	15.6%
Change in Net Assets	<u>\$ (5,633,437.09)</u>	<u>\$ (591,300.00)</u>	<u>\$ (1,031,870.00)</u>	<u>\$ (440,570.00)</u>	<u>74.5%</u>
<u>Rate Revenue</u>					
Revenue Requirements:					
Operating Expense	\$ 32,394,661.61	\$ 28,126,360.00	\$ 29,145,190.00	\$ 1,018,830.00	3.6%
Non-Operating	536,531.84	-	-	-	
Major Maintenance	308,999.76	309,000.00	318,270.00	9,270.00	3.0%
Emergency Maintenance	50,000.52	50,000.00	50,000.00	-	0.0%
Capital	530,450.34	530,450.00	546,360.00	15,910.00	3.0%
Total Revenue Requirements	<u>\$ 33,820,644.07</u>	<u>\$ 29,015,810.00</u>	<u>\$ 30,059,820.00</u>	<u>\$ 1,044,010.00</u>	<u>3.6%</u>
Non-Rate Revenue	<u>\$ (797,153.65)</u>	<u>\$ (647,340.00)</u>	<u>\$ (533,030.00)</u>	<u>\$ 114,310.00</u>	<u>-17.7%</u>
Rate Required Revenue	<u>\$ 33,023,490.42</u>	<u>\$ 28,368,470.00</u>	<u>\$ 29,526,790.00</u>	<u>\$ 1,158,320.00</u>	<u>4.1%</u>

George W. Kuhn Drainage District, Effective July 1, 2022

Monthly Charge Breakdown

SEWAGE CHARGE

Flat Rate Sewage Charge	Effective July 1, 2022	
	<u>Annual Charge</u>	
GLWA Purchased Expense	\$	22,277,360.00
OCWRC Operating Expense		2,214,440.00
Non-Operating		500,000.00
Major Maintenance Reserve		710,280.00
Emergency Maintenance Reserve		100,000.00
Capital Improvement Reserve		1,390,500.00
Less: Misc. Revenue		<u>(129,750.00)</u>
Total:	\$	27,062,830.00

	Effective July 1, 2022	
	<u>Annual Charge</u>	<u>Monthly Charge</u>
City of Berkley	\$ 1,117,152	\$ 93,095.99
Village of Beverly Hills	74,152	6,179.34
City of Birmingham	828,393	69,032.75
City of Clawson	821,628	68,469.00
City of Ferndale	1,529,050	127,420.84
City of Hazel Park	1,103,352	91,946.00
City of Huntington Woods	511,487	42,623.92
City of Madison Heights	2,499,523	208,293.59
City of Oak Park	2,067,059	172,254.92
City of Pleasant Ridge	240,318	20,026.50
City of Royal Oak	5,111,087	425,923.92
Royal Oak Twp	245,730	20,477.51
City of Southfield	1,757,461	146,455.09
City of Troy	8,821,399	735,116.57
Detroit Zoological Park	296,880	24,740.00
County of Oakland	-	-
Rackham Golf Course	38,159	3,179.92
State Of Michigan	-	-
Total	\$ 27,062,830	\$ 2,255,235.86

George W. Kuhn Drainage District, Effective July 1, 2022

Monthly Charge Breakdown

STORM CHARGE

Flat Rate Storm Charge	Effective July 1, 2022	
	<u>Annual Charge</u>	
GLWA Purchased Expense	\$	25,109,380.00
OCWRC Operating Expense		4,035,810.00
Non-Operating		-
Major Maintenance		318,270.00
Emergency Maintenance		50,000.00
Capital Improvement		546,360.00
Less: Interest Income		<u>(533,030.00)</u>
Total:	\$	29,526,790.00

	Effective July, 1 2022	
	<u>Annual Charge</u>	<u>Monthly Charge</u>
City of Berkley	\$ 1,916,141	\$ 159,678.43
Village of Beverly Hills	247,110	20,592.50
City of Birmingham	1,442,000	120,166.67
City of Clawson	1,749,816	145,818.01
City of Ferndale	3,037,864	253,155.33
City of Hazel Park	665,948	55,495.67
City of Huntington Woods	728,454	60,704.50
City of Madison Heights	1,931,348	160,945.65
City of Oak Park	4,026,953	335,579.42
City of Pleasant Ridge	395,365	32,947.09
City of Royal Oak	8,770,283	730,856.92
Royal Oak Twp	377,205	31,433.75
City of Southfield	2,278,168	189,847.34
City of Troy	732,234	61,019.49
Detroit Zoological Park	99,328	8,277.34
County of Oakland	450,992	37,582.67
Rackham Golf Course	56,484	4,707.00
State Of Michigan	<u>621,097</u>	<u>51,758.09</u>
Total	\$ 29,526,790	\$ 2,460,565.87

George W. Kuhn Drainage District, Effective July 1, 2022**Share & Monthly Charge Comparison****SEWAGE CHARGE**

	FY 2021-22 (July - June)		FY 2022-23 (July - June)		% Change Mthly Charge
	Share % of System	Monthly Charge	Share % of System	Monthly Charge	
City of Berkley	4.164%	\$ 90,156.09	4.128%	\$ 93,095.99	3.3%
Village of Beverly Hills	0.273%	5,910.84	0.274%	6,179.34	4.5%
City of Birmingham	3.042%	65,863.17	3.061%	69,032.75	4.8%
City of Clawson	3.039%	65,798.42	3.036%	68,469.00	4.1%
City of Ferndale	5.536%	119,861.58	5.650%	127,420.84	6.3%
City of Hazel Park	4.067%	88,055.92	4.077%	91,946.00	4.4%
City of Huntington Woods	1.878%	40,661.16	1.890%	42,623.92	4.8%
City of Madison Heights	9.678%	209,541.33	9.236%	208,293.59	-0.6%
City of Oak Park	7.705%	166,823.25	7.638%	172,254.92	3.3%
City of Pleasant Ridge	0.889%	19,248.00	0.888%	20,026.50	4.0%
City of Royal Oak	19.032%	412,067.59	18.886%	425,923.92	3.4%
Royal Oak Twp	0.942%	20,395.58	0.908%	20,477.51	0.4%
City of Southfield	6.532%	141,426.34	6.494%	146,455.09	3.6%
City of Troy	31.992%	692,668.50	32.596%	735,116.57	6.1%
Detroit Zoological Park	1.077%	23,318.50	1.097%	24,740.00	6.1%
County of Oakland	-	-	-	-	-
Rackham Golf Course	0.154%	3,334.34	0.141%	3,179.92	-4.6%
State Of Michigan	-	-	-	-	-
Total	100.00%	\$ 2,165,130.61	100.00%	\$ 2,255,235.86	4.2%

Charges have been rounded

George W. Kuhn Drainage District, Effective July 1, 2022

Share & Monthly Charge Comparison

STORM CHARGE

	FY 2021-22 (July - June)		FY 2022-23 (July - June)		% Change Mthly Charge
	Share % of System	Monthly Charge	Share % of System	Monthly Charge	
City of Berkley	6.4895%	\$ 153,414.42	6.4895%	\$ 159,678.43	4.1%
Village of Beverly Hills	0.8369%	19,784.59	0.8369%	20,592.50	4.1%
City of Birmingham	4.8837%	115,452.66	4.8837%	120,166.67	4.1%
City of Clawson	5.9262%	140,097.76	5.9262%	145,818.01	4.1%
City of Ferndale	10.2885%	243,224.09	10.2885%	253,155.33	4.1%
City of Hazel Park	2.2554%	53,318.58	2.2554%	55,495.67	4.1%
City of Huntington Woods	2.4671%	58,323.16	2.4671%	60,704.50	4.1%
City of Madison Heights	6.5410%	154,631.83	6.5410%	160,945.65	4.1%
City of Oak Park	13.6383%	322,414.67	13.6383%	335,579.42	4.1%
City of Pleasant Ridge	1.3390%	31,654.58	1.3390%	32,947.09	4.1%
City of Royal Oak	29.7028%	702,185.91	29.7028%	730,856.92	4.1%
Royal Oak Twp	1.2775%	30,200.59	1.2775%	31,433.75	4.1%
City of Southfield	7.7156%	182,399.75	7.7156%	189,847.34	4.1%
City of Troy	2.4799%	58,625.83	2.4799%	61,019.49	4.1%
Detroit Zoological Park	0.3364%	7,952.50	0.3364%	8,277.34	4.1%
County of Oakland	1.5274%	36,108.42	1.5274%	37,582.67	4.1%
Rackham Golf Course	0.1913%	4,522.50	0.1913%	4,707.00	4.1%
State Of Michigan	2.1035%	49,727.59	2.1035%	51,758.09	4.1%
Total	100.00%	\$ 2,364,039.43	100.00%	\$ 2,460,565.87	4.1%

Charges have been rounded

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
GEORGE W. KUHN DRAINAGE DISTRICT
SCHEDULE OF RATES AND CHARGES, EFFECTIVE JULY 1, 2022**

1. **Sewage Disposal Charge**

<u>Municipality</u>	Effective July 1, 2022 <u>Monthly</u>
City of Berkley	\$ 93,095.99
Village of Beverly Hills	6,179.34
City of Birmingham	69,032.75
City of Clawson	68,469.00
City of Ferndale	127,420.84
City of Hazel Park	91,946.00
City of Huntington Woods	42,623.92
City of Madison Heights	208,293.59
City of Oak Park	172,254.92
City of Pleasant Ridge	20,026.50
City of Royal Oak	425,923.92
Royal Oak Twp	20,477.51
City of Southfield	146,455.09
City of Troy	735,116.57
Detroit Zoological Park	24,740.00
County of Oakland	-
Rackham Golf Course	3,179.92
State Of Michigan	-
Total:	<u><u>\$ 2,255,235.86</u></u>

Where communities have individual sewer customers with metered sewage, permitted and approved by the Oakland County Water Resources Commissioner (WRC), then each community shall also report, within ten days following the end of each month, the total metered sewage within the community, in lieu of water consumption.

George W. Kuhn Drainage District
 Schedule of Rates and Charges

2. Pollutant Surcharge - APPROVED BY GLWA

A Pollutant Surcharge shall be levied against industrial and commercial customers contributing sewage to the system with concentrations of pollutants exceeding the levels described as follows:

- A. 275 milligrams per liter (mg/l) of Biochemical Oxygen Demand (BOD)
- B. 350 milligrams per liter (mg/l) of Total Suspended Solids (TSS)
- C. 12 milligrams per liter (mg/l) of Phosphorus (P)
- D. 100 milligrams per liter (mg/l) of Fats, Oils & Grease (FOG)

<u>Pollutant</u>	Effective July 1, 2022 Total Charge Per lb. of Excess Pollutants
Biochemical Oxygen Demand (BOD)	\$ 0.351
Total Suspended Solids (TSS)	0.482
Phosphorus (PHOS)	6.448
Fats, Oils & Grease (FOG)	0.112

It is assumed that normal residential customers do not contribute sewage with concentration of pollutants exceeding the above levels, therefore, the Pollutant Surcharge shall not apply to residential customers. Further, restaurants shall also be exempt from Pollutant Surcharge per the federal court "Second Interim Order", dated July 10, 1981.

3. Industrial Waste Control Charge - APPROVED BY GLWA

Based on the reported number of water meter sizes for non-residential users of the System, each community shall pay a monthly Industrial Waste Control Charge (IWC) in accordance with the following schedule:

Non-Residential Meter Size in Inches	Effective July 1, 2022 \$/Month
5/8	\$ 3.58
3/4	5.37
1	8.95
1 1/2	19.69
2	28.64
3	51.91
4	71.60
6	107.40
8	179.00
10	250.60
12	286.40
14	358.00
16	429.60
18	501.20
20	572.80
24	644.40
30	716.00
36	787.60
48	859.20

Non-residential users shall be defined as all users other than those in single family houses, apartment buildings, condominiums, town houses, mobile homes, schools, churches and municipal buildings.

George W. Kuhn Drainage District
 Schedule of Rates and Charges

4. **Flat Rate Storm Charge**

<u>Municipality</u>	Effective July 1, 2022
	<u>Monthly</u>
City of Berkley	\$ 159,678.43
Village of Beverly Hills	20,592.50
City of Birmingham	120,166.67
City of Clawson	145,818.01
City of Ferndale	253,155.33
City of Hazel Park	55,495.67
City of Huntington Woods	60,704.50
City of Madison Heights	160,945.65
City of Oak Park	335,579.42
City of Pleasant Ridge	32,947.09
City of Royal Oak	730,856.92
Royal Oak Twp	31,433.75
City of Southfield	189,847.34
City of Troy	61,019.49
Detroit Zoological Park	8,277.34
County of Oakland	37,582.67
Rackham Golf Course	4,707.00
State Of Michigan	51,758.09
Total:	<u><u>\$ 2,460,565.87</u></u>

George W. Kuhn Drainage District
Schedule of Rates and Charges

5. Total Sewer and Storm Water Charge

The following schedule identifies the total of the sewer charge and the storm water charge. The combined amount will be billed monthly to each customer:

Combined Monthly Sewer and Storm Charges

<u>Municipality</u>	Effective July 1, 2022 <u>Monthly</u>
City of Berkley	\$ 252,774.42
Village of Beverly Hills	26,771.84
City of Birmingham	189,199.42
City of Clawson	214,287.01
City of Ferndale	380,576.17
City of Hazel Park	147,441.67
City of Huntington Woods	103,328.42
City of Madison Heights	369,239.24
City of Oak Park	507,834.34
City of Pleasant Ridge	52,973.59
City of Royal Oak	1,156,780.84
Royal Oak Twp	51,911.26
City of Southfield	336,302.43
City of Troy	796,136.06
Detroit Zoological Park	33,017.34
County of Oakland	37,582.67
Rackham Golf Course	7,886.92
State Of Michigan	51,758.09
Total:	<u><u>\$ 4,715,801.73</u></u>

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

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

DATE: April 26, 2022

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

<u>Payable To</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
FK Engineering Associates	TBP	Invoice # 20-060-017 - Contracted Services - 02/13/22 - 03/12/22	\$ 2,487.05
Environmental Consulting & Technology	TBP	Invoice # 221146 - Contracted Services	3,114.00
Shaw Services Maintenance	TBP	Invoice # 910005824 - Contracted Services	6,474.96
		Subtotal	\$ 12,076.01
Rotor Electric Co	V #1600617	Invoice # 12498 - Contracted Services	\$ 40,921.50
		Subtotal Project # 1-3477	\$ 40,921.50
Hubbell Roth & Clark Inc	TBP	Invoice # 0194229 - Contracted Services - 01/22/22	\$ 2,688.24
Hubbell Roth & Clark Inc	TBP	Invoice # 0193269 - Contracted Services - 11/27/21	2,293.88
		Subtotal Project # 1-3072	\$ 4,982.12
CSM Mechanical LLC	TBP	Invoice # 21-756 - Contracted Services	\$ 54,370.00
		Subtotal Project # 1-3475	\$ 54,370.00
Dickinson Wright, PLLC	TBP	Invoice # 1671438 - Legal Services - 02/28/2022	\$ 7,760.26
Dickinson Wright, PLLC	TBP	Invoice # 1671412 - Legal Services - 02/28/2022	1,033.50
Applied Science Inc	TBP	Invoice # 7996 - Contracted Services - 10/03/21 - 11/27/21	928.50
ADS Environmental Services	TBP	Invoice # 35515-0122F - Legal Services - 01/01/2022 - 01/31/2022	10,065.00
ADS Environmental Services	TBP	Invoice # 35515-0222F - Legal Services - 02/01/2022 - 02/28/2022	10,065.00
		Subtotal	\$ 29,852.26
		Total	\$ 142,201.89

**6. Clinton River Water
Resource Recovery Facility**

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of March 22, 2022
3. Public Comments
4. Present request for Board approval of payment of invoices and/or reimbursement from the Construction Fund in the amount \$6,360.98
5. 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 \$329,653.71
6. Closed session with the Drainage District's attorney to discuss litigation and legal strategy/advice regarding the pending lawsuit involving Bedrock Express, LTD as permitted under section 8(e) and 8(h) of the Open Meetings Act and which is exempt from public disclosure as subject to the attorney-client privilege pursuant to section 13(1)(g) of the Freedom of Information Act
7. Closed session with the Drainage District's attorney to discuss legal strategy/advice regarding the settlement agreement with Toolles Contracting Group, LLC as permitted under section 8(h) of the Open Meetings Act and which is exempt from public disclosure as subject to the attorney-client privilege pursuant to section 13(1)(g) of the Freedom of Information Act
8. Other business
9. Approve pro rata payment to Drainage Board members
10. Adjourn

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

March 22, 2022

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 22nd day of March 2022.

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 February 28, 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 \$10,594,970 for the Clinton River Water Resource Recovery Facility (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 \$10,594,970 as presented.

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 \$1,856.15 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$1,856.15.

ADOPTED: Yeas - 2
Nays - 0

A request for approval of payment of invoices and/or reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$160,326.58 (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 \$160,326.58

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 Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 22nd day of March 2022, 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: March 22, 2022

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

A For Shawn Phelps

DATE: April 26, 2022

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

	Ref No.	For	Amount
CDM Smith Michigan, Inc	V # 1602051	Invoice # 59 - Engineering Admin - 02/27/22 - 04/02/22 - Proj 1-2181	\$ 5,610.48
Dickinson Wright PLLC	V # 1597818	Invoice # 1671420 - Legal Services - 02/28/22 - Proj #1-2181	750.50
		Total for Project # 1-2181	\$ 6,360.98

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 *A for Shawn Phelps*

DATE: April 26, 2022

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund and Invoices for the period of March 16, 2022 to April 18, 2022.

Payable To	Ref No.	For	Amount
USA Blue Book	Mar 2022 Pcard	Pcard - Lab Supplies	\$ 2,131.17
USA Blue Book	Mar 2022 Pcard	Pcard - Lab Supplies	2,086.22
Hach Company	Mar 2022 Pcard	Pcard - Lab Supplies	1,465.00
USA Blue Book	Mar 2022 Pcard	Pcard - Lab Supplies	1,045.77
The Macomb Group, Inc	Mar 2022 Pcard	Pcard - Materials and Supplies	1,962.25
The Macomb Group, Inc	Mar 2022 Pcard	Pcard - Materials and Supplies	1,604.19
Grainger	Mar 2022 Pcard	Pcard - Materials and Supplies	1,280.89
PVS Nolwood Chemicals, Inc	V # 1599975	Invoice # 753371 - Chemical Treatment	2,891.20
PVS Technologies Inc	V # 1599978	Invoice # 308394 - Chemical Treatment	4,691.68
PVS Technologies Inc	V # 1599977	Invoice # 308364 - Chemical Treatment	2,280.32
PVS Technologies Inc	V # 1599729	Invoice # 307605 - Chemical Treatment	4,833.92
PVS Technologies Inc	TBP	Invoice # 309193 - Chemical Treatment	2,216.48
PVS Technologies Inc	TBP	Invoice # 307368 - Chemical Treatment	2,449.44
Jones Chemicals Inc	TBP	Invoice # 883388 - Chemical Treatment	2,962.28
Jones Chemicals Inc	V # 1596889	Invoice # 880972 - Chemical Treatment	2,805.52
Jones Chemicals Inc	V # 1597804	Invoice # 881473 - Chemical Treatment	2,850.96
Jones Chemicals Inc	TBP	Invoice # 882177 - Chemical Treatment	2,748.20
Pro Seal Services Group	V # 1599973	Invoice # 221047 - Contracted Services	2,763.25
Hamlett Environmental Technologies	V # 1602076	Invoice # 20221949 - Material and Supplies	1,500.00
Orion Marketing Group LLC	V # 1593579	Invoice # 384239 - Uniforms	2,128.25
Dickinson Wright PLLC	V # 1597812	Invoice # 1673191 - Legal Services - 02/28/2022	40,021.88
Tetra Tech Inc	V # 1597808	Invoice # 51872049 - Contracted Services	1,424.35
Limbach Company LLC	V # 1597805	Invoice # 12405 - Contracted Services	4,202.63
D3W Industrials	V # 1602074	Invoice # 3287 - Material and Supplies	5,775.00
D3W Industrials	V # 1597816	Invoice # 3272 - Material and Supplies	5,775.00
Andritz Separation Inc	V # 1597786	Invoice # 8480111734 / 03/23/2022 - Equipment Maintenance	66,729.70
CSM Mechanical LLC	V # 1599716	Invoice # 22-223 - Contracted Services	17,226.04
Waste Management	V # 1598906	Invoice # 8593779-1714-0 - Garbage & Rubbish Disposal	1,503.47
Waste Management	V # 1600612	Invoice # 8600152-1714-1 - Garbage & Rubbish Disposal	2,013.60
Waste Management	V # 1600613	Invoice # 8600151-1714-3 - Garbage & Rubbish Disposal	1,113.66
CleanNet of Greater Michigan, Inc	V # 1602048	Invoice # DET0099455 - Contracted Services - April	1,601.38
		Subtotal \$	196,103.70
Fishbeck, Thompson, Carr & Huber Inc	V # 1599720	Invoice # 409836 - Engineering Services - 03/18/22 - Proj #1-3042	\$ 3,961.00
		Subtotal - Project 1-3042 \$	3,961.00
D J Conley Associates, Inc	V # 1602352	Invoice # SI-466685-1 - Contracted Services - Proj # 1-3614	\$ 43,344.36
		Subtotal - Project 1-3614 \$	43,344.36
Fishbeck, Thompson, Carr & Huber Inc	V # 1597799	Invoice # 409026 - Contracted Services - 2/18/22 - Proj # 1-3492	\$ 4,789.50
Fishbeck, Thompson, Carr & Huber Inc	V # 1599723	Invoice # 409838 - Contracted Services - 3/18/22 - Proj # 1-3492	4,614.50
		Subtotal - Project 1-3492 \$	9,404.00
Hubbell Roth & Clark Inc	V # 1602079	Invoice # 0195392 - Engineering Services - 03/19/22 - Proj #1-3679	\$ 2,034.72
Hubbell Roth & Clark Inc	V # 1599729	Invoice # 0195101 - Engineering Services - 02/19/22 - Proj #1-3679	2,648.41
Hubbell Roth & Clark Inc	V # 1598143	Invoice # 0194238 - Engineering Services - 01/22/22 - Proj #1-3679	7,480.71

Subtotal - Project 1-3679 \$ 12,163.84

Jacobs Consultants, Inc V # 1602985 Invoice # C6A19600-02 - Contracted Services - Proj # 1-3662 \$ 39,504.42
Subtotal - Project 1-3662 \$ 39,504.42

Pro Seal Services Group V # 1602087 Invoice # 220970 - Contracted Services - Proj # 1-3470 \$ 11,110.99
Subtotal - Project 1-3470 \$ 11,110.99

Lifting Technologies, LLC V # 1602084 Invoice # 3447 - Parts & Accessories - Proj #1-3429 \$ 7,626.00
CSM Mechanical LLC V # 1597821 Invoice # 21-142.10 - Equipmental Rental - Proj #1-3429 1,767.70
CSM Mechanical LLC V # 1602072 Invoice # 21-142.11 - Equipmental Rental - Proj #1-3429 1,767.70
Subtotal - Project 1-3429 \$ 11,161.40

Gamalski Building Specialties, Inc V # 1600566 Invoice # 104466 - Contracted Services - Proj #1-3451 \$ 2,900.00
Subtotal - Project 1-3451 \$ 2,900.00

Total \$ 329,653.71

7. Cranberry Lake Drain

AGENDA

DRAINAGE BOARD FOR THE CRANBERRY LAKE DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of April 23, 2019
3. Public Comment
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,200
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE CRANBERRY LAKE DRAIN**

April 23, 2019

A meeting of the Drainage Board for the Cranberry Lake 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 2019.

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

Helaine Zack, Chairperson of the Finance Committee,
Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held November 17, 2015 were presented for consideration. It was moved by Zack, 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 \$7,200 for the Cranberry Lake Drain (as attached) were presented. It was moved by Zack, supported by Woodward, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,200 as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

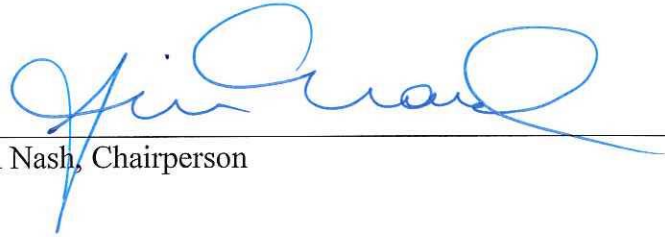


Jim Nash, Chairperson

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 of the Cranberry Lake Drain, Oakland County, Michigan, held on the 23rd day of April 2019, 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 of the Cranberry Lake Drain Drainage District.



Jim Nash, Chairperson

Dated: May 2, 2019

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Cranberry Lake Drain

Assessment for estimated maintenance expenses for fiscal years: 2022 through 2024

Date last assessment approved:	04/23/19	
Last Assessment:		\$7,200
Current Available Cash:		\$1,871

Expenditure History:	Fiscal Year	Amount
	2015	\$3,254
	2016	\$2,137
	2017	\$1,705
	2018	\$1,566
	2019	\$1,991
	2020	\$2,148
	2021	\$2,088

Estimated Expenditures:	Year	Amount
	2022	\$2,400
	2023	\$2,400
	2024	\$2,400
	Total	\$7,200

Recommended Assessment:

Total Anticipated Expenses 2022 - 2024	\$7,200
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TOTAL RECOMMENDED ASSESSMENT	\$7,200
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Prepared by: Michael R. McMahon Date: 4/26/2022
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
 Brian Coburn, P.E. - Manager

Note: Current Available Cash as of February 28, 2022, Fiscal Services Division Report.

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE CRANBERRY LAKE DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Independence	85.6300%	\$ 6,165.36	\$ 2,055.12	\$ 2,055.12	\$ 2,055.12
County of Oakland	11.5600%	\$ 832.32	\$ 832.32	-	-
State of Michigan	2.8100%	\$ 202.32	\$ 202.32	-	-
Total	100.000%	\$ 7,200.00	\$ 3,089.76	\$ 2,055.12	\$ 2,055.12

*Apportionment based on Final Order of Apportionment dated 10/30/1990.

Assessment Payment Due Date(s): Payment #1 05/31/2022
Payment #2 05/31/2023
Payment #3 05/31/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Cranberry Lake Drain for the fiscal years 2022- 2024 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

 Jim Nash
 Chairman of the Drainage Board for the Cranberry Lake Drain

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

 Jim Nash
 Chairman of the Drainage Board for the Cranberry Lake Drain

8. Finney Drain

AGENDA

DRAINAGE BOARD FOR THE FINNEY DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of August 27, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$5,703
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

August 27, 2019

A meeting of the Drainage Board for the Finney 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 August, 2019.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Helaine Zack, 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 April 20, 2010 were presented for consideration. It was moved by Zack, 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 \$3,615 for the Finney Drain (as attached) were presented. It was moved by Zack, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$3,615 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2019 through 2021

Last Assessment: \$16,505
 Date last assessment approved: 03/23/10

Current Available Cash: (\$315)

Expenditure History:	Fiscal Year	Amount
	2012	\$406
	2013	\$650
	2014	\$867
	2015	\$919
	2016	\$782
	2017	\$1,045
	2018	\$999

Estimated Expenditures:	Year	Amount
	2019	\$1,100
	2020	\$1,100
	2021	\$1,100
	Total	\$3,300

Recommended Assessment:

Current Cash Deficit	\$315
Total Anticipated Expenses 2019 - 2021	\$3,300

TOTAL RECOMMENDED ASSESSMENT **\$3,615**

Prepared by: Michael R. McMahon Date: 8/27/19
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven A. Korth Date: 8-27-19
 Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of June 30, 2019, Fiscal Services Division Report.

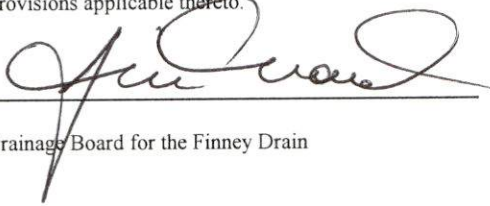
**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE FINNEY DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Township of Highland	94.00000%	\$ 3,398.10	\$ 3,398.10	-	-
County of Oakland	6.00000%	\$ 216.90	\$ 216.90	-	-
Total	100.000%	\$ 3,615.00	\$ 3,615.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 07/01/1968.

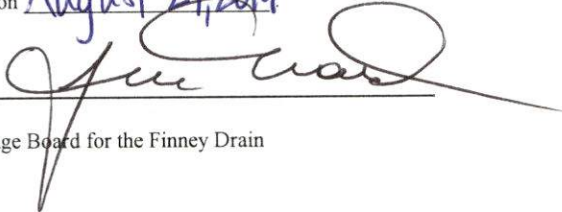
Assessment Payment Due Date(s): Payment #1 09/30/2019

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Finney Drain for the fiscal years 2019 - 2021 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.



Jim Nash
Chairman of the Drainage Board for the Finney Drain

The foregoing Special Assessment Roll for the maintenance of the Finney Drain was approved by the Drainage Board on August 27, 2019



Jim Nash
Chairman of the Drainage Board for the Finney Drain

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 of the Finney Drain, Oakland County, Michigan, held on the 27th day of August, 2019, 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 of the Finney Drain Drainage District.



Jim Nash, Chairperson

Dated: September 4th, 2019

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2022 through 2024

Date last assessment approved:	08/27/19	
Last Assessment:		\$3,615
Current Available Cash:		(\$1,203)

Expenditure History:	Fiscal Year	Amount
	2015	\$919
	2016	\$782
	2017	\$1,045
	2018	\$999
	2019	\$1,422
	2020	\$1,913
	2021	\$1,276

Estimated Expenditures:	Year	Amount
	2022	\$1,500
	2023	\$1,500
	2024	\$1,500
	Total	\$4,500

Recommended Assessment:

Current Cash Deficit	\$1,203
Total Anticipated Expenses 2022 - 2024	\$4,500

TOTAL RECOMMENDED ASSESSMENT \$5,703

Prepared by: Michael R. McMahon Date: 4/26/2022
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
 Brian Coburn, P.E. - Manager

Note: Current Available Cash as of February 28, 2022, Fiscal Services Division Report.

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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Highland	94.0000%	\$ 5,360.82	\$ 5,360.82	-	-
County of Oakland	6.0000%	\$ 342.18	\$ 342.18	-	-
Total	100.000%	\$ 5,703.00	\$ 5,703.00	\$ -	\$ -

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

Assessment Payment Due Date(s): Payment #1 05/31/2022

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Finney Drain for the fiscal years 2022- 2024 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Finney Drain

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

Jim Nash
Chairman of the Drainage Board for the Finney Drain

9. Kelly Drain

AGENDA

DRAINAGE BOARD FOR THE KELLY DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of April 23, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,614
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

April 23, 2019

A meeting of the Drainage Board for the Kelly 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 2019.

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

Helaine Zack, Chairperson of the Finance Committee,
Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held November 17, 2015 were presented for consideration. It was moved by Zack, 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 \$5,417 for the Kelly Drain (as attached) were presented. It was moved by Zack, supported by Woodward, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$5,417 as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
 MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Kelly Drain**

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2019 through 2021

Last Assessment: \$6,924
 Date last assessment approved: 11/17/15

Current Available Cash: (\$17)

Expenditure History:	Fiscal Year	Amount
	2012	\$430
	2013	\$650
	2014	\$706
	2015	\$1,719
	2016	\$888
	2017	\$1,820
	2018	\$1,084

Estimated Expenditures:	Year	Amount
	2019	\$1,800
	2020	\$1,800
	2021	\$1,800
	Total	\$5,400

Recommended Assessment:

Current Cash Deficit	\$17
Total Anticipated Expenses 2019 - 2021	\$5,400
Proposed Project Expenses	\$0

TOTAL RECOMMENDED ASSESSMENT **\$5,417**

Prepared by: Michael R. McMahon Date: 4/23/19
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: Stu Korth Date: 4-23-19
 Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of February 28, 2019, Fiscal Services Division Report.


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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Independence Twp	70.2813%	\$ 3,807.14	\$ 1,277.02	\$ 1,265.06	\$ 1,265.06
County of Oakland	29.7187%	\$ 1,609.86	\$ 1,609.86	-	-
Total	100.000%	\$ 5,417.00	\$ 2,886.88	\$ 1,265.06	\$ 1,265.06

*Apportionment based on Final Order of Apportionment dated 10/08/1980.

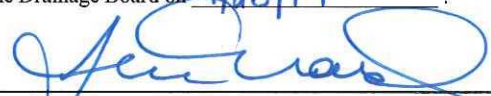
Assessment Payment Due Date(s): Payment #1 05/31/2019 Payment #2 05/31/2020 Payment #3 05/31/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Kelly Drain for the fiscal years 2019 - 2021 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.



 Jim Nash
 Chairman of the Drainage Board for the Kelly Drain

The foregoing Special Assessment Roll for the maintenance of the Kelly Drain was approved by the Drainage Board on 4/23/19

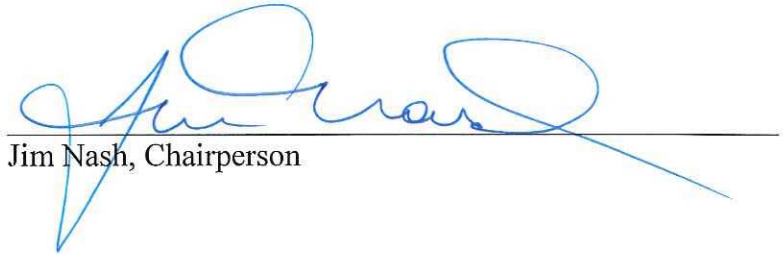


 Jim Nash
 Chairman of the Drainage Board for the Kelly Drain

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 of the Kelly Drain, Oakland County, Michigan, held on the 23rd day of April 2019, 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 of the Kelly Drain Drainage District.



Jim Nash, Chairperson

Dated: May 2, 2019

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2022 through 2024

Date last assessment approved:	04/23/19	
Last Assessment:		\$5,417
Current Available Cash:		(\$714)

Expenditure History:	Fiscal Year	Amount
	2015	\$1,718
	2016	\$888
	2017	\$1,819
	2018	\$1,083
	2019	\$1,428
	2020	\$3,005
	2021	\$1,704

Estimated Expenditures:	Year	Amount
	2022	\$2,300
	2023	\$2,300
	2024	\$2,300
	Total	\$6,900

Recommended Assessment:

Current Cash Deficit	\$714
Total Anticipated Expenses 2022 - 2024	\$6,900

TOTAL RECOMMENDED ASSESSMENT \$7,614

Prepared by: Michael R. McMahon Date: 4/26/2022
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
 Brian Coburn, P.E. - Manager

Note: Current Available Cash as of February 28, 2022, Fiscal Services Division Report.

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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Independence	70.2813%	\$ 5,351.22	\$ 1,783.74	\$ 1,783.74	\$ 1,783.74
County of Oakland	29.7187%	\$ 2,262.78	\$ 2,262.78	-	-
Total	100.000%	\$ 7,614.00	\$ 4,046.52	\$ 1,783.74	\$ 1,783.74

*Apportionment based on Final Order of Apportionment dated 10/8/1980.

Assessment Payment Due Date(s): Payment #1 05/31/2022

Payment #2 05/31/2023

Payment #3 05/31/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Kelly Drain for the fiscal years 2022- 2024 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Kelly Drain

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

Jim Nash
Chairman of the Drainage Board for the Kelly Drain

10. M-15 Drain

AGENDA

DRAINAGE BOARD FOR THE M-15 DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of April 23, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$7,500
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE M-15 DRAIN**

April 23, 2019

A meeting of the Drainage Board for the M-15 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 2019.

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

Helaine Zack, Chairperson of the Finance Committee,
Oakland County Board of Commissioners

ABSENT: None

Minutes of the meeting held November 17, 2015 were presented for consideration. It was moved by Zack, 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 \$6,600 for the M-15 Drain (as attached) were presented. It was moved by Woodward, supported by Zack, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,600 as presented.

ADOPTED: Yeas - 3
Nays - 0

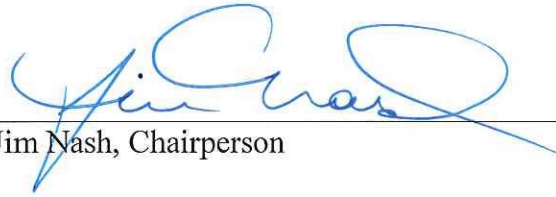
A request for reimbursement of the Drain Revolving Fund in the amount of \$10 (as attached) was presented. It was moved by Woodward, supported by Zack, that the Drain Revolving Fund be reimbursed in the amount of \$10.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
 MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
M-15 Drain**

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2019 through 2021

Last Assessment: \$11,291
 Date last assessment approved: 11/17/15

Current Available Cash: \$1,845

Expenditure History:	Fiscal Year	Amount
	2012	\$1,199
	2013	\$1,269
	2014	\$2,477
	2015	\$1,247
	2016	\$1,196
	2017	\$2,492
	2018	\$1,819

Estimated Expenditures:	Year	Amount
	2019	\$2,200
	2020	\$2,200
	2021	\$2,200
	Total	\$6,600

Recommended Assessment:

Current Cash Deficit	\$0
Total Anticipated Expenses 2019 - 2021	\$6,600
Proposed Project Expenses	\$0

TOTAL RECOMMENDED ASSESSMENT **\$6,600**

Prepared by: Michael R. McMahon Date: 4/23/19
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: St. Korth Date: 4-23-19
 Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of February 28, 2019, Fiscal Services Division Report.

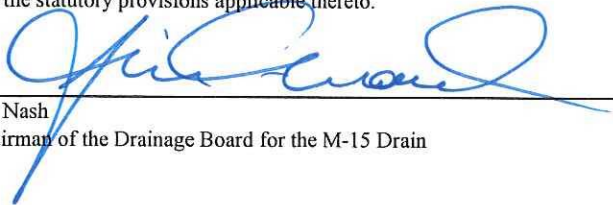
**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE M-15 DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Independence Twp	88.63%	\$ 5,849.58	\$ 1,949.86	\$ 1,949.86	\$ 1,949.86
State of Michigan	4.68%	\$ 308.88	\$ 308.88	-	-
County of Oakland	6.69%	\$ 441.54	\$ 441.54	-	-
Total	100.00%	\$ 6,600.00	\$ 2,700.28	\$ 1,949.86	\$ 1,949.86

*Apportionment based on Final Order of Apportionment dated 10/30/1990.

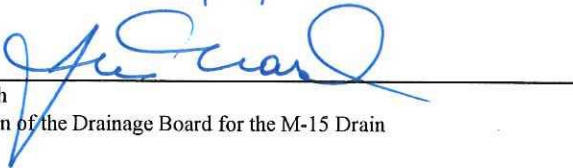
Assessment Payment Due Date(s): Payment #1 05/31/2019 Payment #2 05/31/2020 Payment #3 05/31/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the M-15 Drain for the fiscal years 2019 - 2021 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.



Jim Nash
Chairman of the Drainage Board for the M-15 Drain

The foregoing Special Assessment Roll for the maintenance of the M-15 Drain was approved by the Drainage Board on 4/23/19.



Jim Nash
Chairman of the Drainage Board for the M-15 Drain

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the M-15 DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: April 23, 2019

SUBJECT: Request for Reimbursement of Drain Revolving Fund

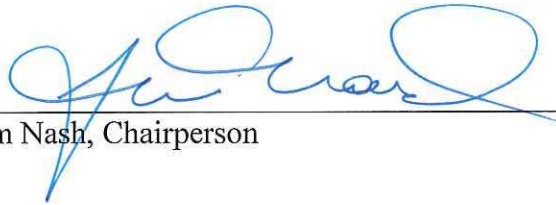
The following is a detail of charges paid from the Drain Revolving Fund
for the period ending April 12, 2019.

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
8/31/2011	July 2011 Pcard	Security Fence and Supply Co	Pcard - Materials and Supplies	\$ 10.00
			Total	<u>\$ 10.00</u>

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 of the M-15 Drain, Oakland County, Michigan, held on the 23rd day of April 2019, 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 of the M-15 Drain Drainage District.



Jim Nash, Chairperson

Dated: May 2, 2019

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
M-15 Drain

Assessment for estimated maintenance expenses for fiscal years: 2022 through 2024

Date last assessment approved:	04/23/19	
Last Assessment:		\$6,600
Current Available Cash:		\$1,706

Expenditure History:	Fiscal Year	Amount
	2015	\$1,246
	2016	\$1,195
	2017	\$2,491
	2018	\$1,818
	2019	\$2,088
	2020	\$2,870
	2021	\$2,007

Estimated Expenditures:	Year	Amount
	2022	\$2,500
	2023	\$2,500
	2024	\$2,500
	Total	\$7,500

Recommended Assessment:

Total Anticipated Expenses 2022 - 2024	\$7,500
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TOTAL RECOMMENDED ASSESSMENT	\$7,500
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Prepared by: Michael R. McMahon Date: 4/26/2022
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
 Brian Coburn, P.E. - Manager

Note: Current Available Cash as of February 28, 2022, Fiscal Services Division Report.

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE M-15 DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
Charter Township of Independence	88.6300%	\$ 6,647.25	\$ 2,215.75	\$ 2,215.75	\$ 2,215.75
County of Oakland	6.6900%	\$ 501.75	\$ 501.75	-	-
State of Michigan	4.6800%	\$ 351.00	\$ 351.00	-	-
Total	100.000%	\$ 7,500.00	\$ 3,068.50	\$ 2,215.75	\$ 2,215.75

*Apportionment based on Final Order of Apportionment dated 10/30/1990.

Assessment Payment Due Date(s): Payment #1 05/31/2022
Payment #2 05/31/2023
Payment #3 05/31/2024

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the M-15 Drain for the fiscal years 2022- 2024 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

 Jim Nash
 Chairman of the Drainage Board for the M-15 Drain

The foregoing Special Assessment Roll for the maintenance of the M-15 Drain was approved by the Drainage Board on _____ .

 Jim Nash
 Chairman of the Drainage Board for the M-15 Drain

11. Rufe Collier Drain

AGENDA

DRAINAGE BOARD FOR THE RUFÉ COLLIER DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of August 23, 2016
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$12,842
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE RUFÉ COLLIER DRAIN**

August 23, 2016

A meeting of the Drainage Board for the Rufe Collier 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 August, 2016.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Chairperson and Oakland County Water Resources Commissioner

Thomas F. Middleton, Chairperson of the Finance Committee,
Oakland County Board of Commissioners

ABSENT: Michael Gingell, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held April 20, 2010 were presented for consideration. It was moved by Middleton, 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 for the Rufe Collier Drain in the amount of \$14,925 (as attached) were presented. It was moved by Middleton, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$14,925 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

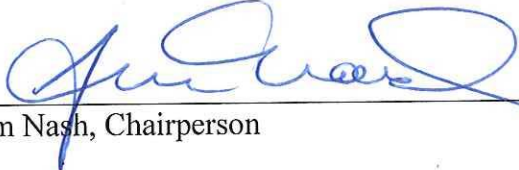


Jim Nash, Chairperson

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 Rufe Collier Drain, Oakland County, Michigan, held on the 23rd day of August, 2016, 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 Rufe Collier Drain Drainage District.



Jim Nash, Chairperson

Dated: September 7th, 2016

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Rufe Collier Drain

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2017 through 2019

Last Assessment: \$35,397
 Date last assessment approved: 04/20/10

Current Available Cash: (\$4,725)

Expenditure History:	Fiscal Year	Amount
	2011	\$3,309
	2012	\$3,856
	2013	\$2,823
	2014	\$2,203
	2015	\$2,346
	2016 YTD	\$347

Estimated Expenditures:	Year	Amount
	2017	\$3,400
	2018	\$3,400
	2019	\$3,400
	Total	\$10,200

Recommended assessment:

Current Cash Deficit	\$4,725
Total Anticipated Expenses 2017-2019	\$10,200
Proposed Project Expenses	\$0

TOTAL RECOMMENDED ASSESSMENT \$14,925

Prepared by: Michael R. McMahon Date: 8/23/16
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven A. Korth Date: 8/23/16
 Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of June 30, 2016, Fiscal Services Division Report.

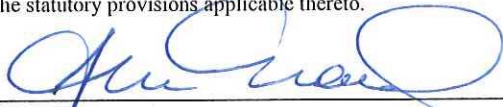
**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE RUFÉ COLLIER DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	98.2200%	\$ 14,659.34	\$ 7,980.38	\$ 3,339.48	\$ 3,339.48
County of Oakland	0.0000%	\$ -	\$ -	\$ -	\$ -
State of Michigan	1.7800%	\$ 265.67	\$ 144.63	\$ 60.52	\$ 60.52
Total	100.000%	\$ 14,925.00	\$ 8,125.00	\$ 3,400.00	\$ 3,400.00

*Apportionment based on Final Order of Apportionment dated 02/22/1994.


Assessment Payment Due Date(s): Payment #1 09/30/2016 Payment #2 09/30/2017 Payment #3 09/30/2018

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Rufe Collier Drain for the fiscal year 2017-2019 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.



Jim Nash
Chairman of the Drainage Board for the Rufe Collier Drain

The foregoing Special Assessment Roll for the maintenance of the Rufe Collier Drain was approved by the Drainage Board on 8-23-2016.



Jim Nash
Chairman of the Drainage Board for the Rufe Collier Drain

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Rufe Collier Drain

Assessment for current fund deficit and maintenance expenses for fiscal years: 2022 through 2024

Date last assessment approved:	08/23/16	
Last Assessment:		\$14,925
Current Available Cash:		(\$3,542)

Expenditure History:	Fiscal Year	Amount
	2015	\$2,346
	2016	\$1,250
	2017	\$1,883
	2018	\$1,951
	2019	\$2,331
	2020	\$2,502
	2021	\$3,616

Estimated Expenditures:	Year	Amount
	2022	\$3,100
	2023	\$3,100
	2024	\$3,100
	Total	\$9,300

Recommended Assessment:

Current Cash Deficit	\$3,542
Total Anticipated Expenses 2022 - 2024	\$9,300

TOTAL RECOMMENDED ASSESSMENT \$12,842

Prepared by: Michael R. McMahon Date: 4/26/2022
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
 Brian Coburn, P.E. - Manager

Note: Current Available Cash as of February 28, 2022, Fiscal Services Division Report.

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE RUFÉ COLLIER DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	98.2200%	\$ 12,613.41	\$ 12,613.41	-	-
State of Michigan	1.7800%	\$ 228.59	\$ 228.59	-	-
Total	100.000%	\$ 12,842.00	\$ 12,842.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 2/22/1994.

Assessment Payment Due Date(s): Payment #1 05/31/2022

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Rufe Collier Drain for the fiscal years 2022- 2024 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Rufe Collier Drain

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

Jim Nash
Chairman of the Drainage Board for the Rufe Collier Drain

12. Skarritt Drain

AGENDA

DRAINAGE BOARD FOR THE SKARRITT DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of November 28, 2017
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$16,908
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

November 28, 2017

A meeting of the Drainage Board for the Skarritt 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 November, 2017.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Thomas F. Middleton, Chairperson of the Finance Committee,
Oakland County Board of Commissioners

ABSENT: Michael Gingell, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held August 16, 2011, were presented for consideration. It was moved by Middleton, 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.

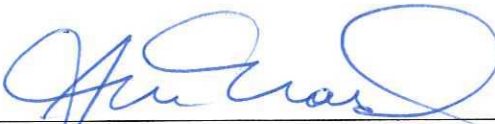
A Maintenance Assessment Recommendation and Special Assessment Roll for the Skarritt Drain in the amount of \$33,754 (as attached) were presented. It was moved by Middleton, supported by Nash, to approve the Maintenance Assessment Recommendation and Special Assessment Roll as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

**OAKLAND COUNTY WATER RESOURCES COMMISSIONER
 MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Skarritt Drain**

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2018 through 2020

Last Assessment: \$16,125
 Date last assessment approved: 08/06/11

Current Available Cash: (\$18,754)

Expenditure History:	Fiscal Year	Amount
	2011	\$3,369
	2012	\$4,878
	2013	\$4,173
	2014	\$5,618
	2015	\$4,764
	2016	\$3,141
	2017	\$4,650
Estimated Expenditures:	Year	Amount
	2018	\$5,000
	2019	\$5,000
	2020	\$5,000
	Total	\$15,000

Recommended Assessment:

Current Cash Deficit	\$18,754
Total Anticipated Expenses 2018-2020	\$15,000
Proposed Project Expenses	\$0

TOTAL RECOMMENDED ASSESSMENT \$33,754

Prepared by: Michael R. McMahon Date: 11/28/17
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven A. Korth Date: 11-28-17
 Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of September 30, 2017, Fiscal Services Division Report.


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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	100.000%	\$ 33,754.00	\$ 33,754.00	\$ -	\$ -
County of Oakland	0.000%	\$ -	\$ -	\$ -	\$ -
State of Michigan	0.000%	\$ -	\$ -	\$ -	\$ -
Total	100.000%	\$ 33,754.00	\$ 33,754.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 6/17/2008.

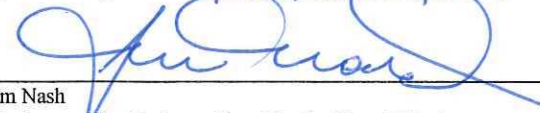
Assessment Payment Due Date(s): Payment #1 12/31/2017 Payment # 2 _____ Payment # 3 _____

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Skarritt Drain for the fiscal years 2018 to 2020 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.



Jim Nash
Chairman of the Drainage Board for the Skarritt Drain

The foregoing Special Assessment Roll for the maintenance of the Skarritt Drain was approved by the Drainage Board on November 28, 2017

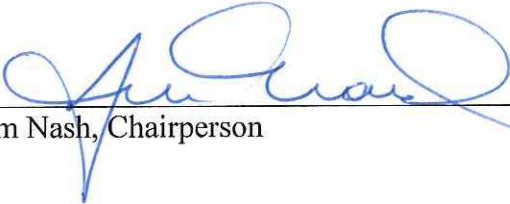


Jim Nash
Chairman of the Drainage Board for the Skarritt Drain

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 Skarritt Drain, Oakland County, Michigan, held on the 28th day of November, 2017, 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 Skarritt Drain Drainage District.



Jim Nash, Chairperson

Dated: December 12, 2017

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2022 through 2024

Date last assessment approved:	11/28/17	
Last Assessment:		\$33,754
Current Available Cash:		(\$1,908)

Expenditure History:	Fiscal Year	Amount
	2015	\$4,764
	2016	\$3,140
	2017	\$4,649
	2018	\$4,088
	2019	\$4,112
	2020	\$5,092
	2021	\$3,540

Estimated Expenditures:	Year	Amount
	2022	\$5,000
	2023	\$5,000
	2024	\$5,000
	Total	\$15,000

Recommended Assessment:

Current Cash Deficit	\$1,908
Total Anticipated Expenses 2022 - 2024	\$15,000

TOTAL RECOMMENDED ASSESSMENT \$16,908

Prepared by: Michael R. McMahon Date: 4/26/2022
 Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
 Brian Coburn, P.E. - Manager

Note: Current Available Cash as of February 28, 2022, Fiscal Services Division Report.

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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	100.0000%	\$ 16,908.00	\$ 16,908.00	-	-
Total	100.000%	\$ 16,908.00	\$ 16,908.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 6/17/2008.

Assessment Payment Due Date(s): Payment #1 05/31/2022

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Skarritt Drain for the fiscal years 2022- 2024 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Skarritt Drain

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

Jim Nash
Chairman of the Drainage Board for the Skarritt Drain

13. Gabler Drain

AGENDA

DRAINAGE BOARD FOR THE GABLER DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of August 27, 2019
3. Public Comments
4. 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 \$1,987.40
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

August 27, 2019

A meeting of the Drainage Board for the Gabler 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 August, 2019.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

Helaine Zack, 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 April 24, 2018 were presented for consideration. It was moved by Zack, 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 reimbursement of the Drain Revolving Fund in the amount of \$25.50 (as attached) was presented. It was moved by Zack, supported by Nash, to reimburse the Drain Revolving Fund in the amount of \$25.50 as presented.

ADOPTED: Yeas - 2
Nays - 0

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

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 of the Gabler Drain, Oakland County, Michigan, held on the 27th day of August, 2019, 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 of the Gabler Drain Drainage District.



Jim Nash, Chairperson

Dated: September 4th, 2019

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

FROM: Shawn Phelps, Chief of Fiscal Services *FOR SHAWN PHELPS*
OCWRC Accounting

DATE: April 26, 2022

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

<u>Payable To</u>	<u>Reference</u>	<u>For</u>	<u>Amount</u>
DVM Utilities Inc	V # 1597792	Invoice # OC-Av1- Contracted Services	\$ 1,987.40
			<u>\$ 1,987.40</u>

14. Holland Drain

AGENDA

DRAINAGE BOARD FOR THE HOLLAND DRAIN

April 26, 2022

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
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 \$19,375.63
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**

October 26, 2021

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 26th day of October, 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 October 23, 2018 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 Geoff S. Wilson, P.E., Drain Maintenance Engineer, dated October 26, 2021 requesting the Board authorize HRC to proceed with the services outlined in the proposal dated August 10, 2021 in the amount of \$27,735 through the existing HRC engineering as-needed services contract was presented. It was moved by Markham, supported by Nash to authorize HRC to proceed with the services outlined in the proposal dated August 10, 2021 in the amount of \$27,735 through the existing HRC engineering as-needed services contract as presented.

ADOPTED: Yeas - 2
Nays - 0

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$65,276 for the Holland 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 \$65,276 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.

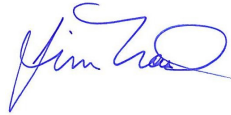
A handwritten signature in blue ink, appearing to read "Jim Nash".

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 26th day of October, 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 Holland Drain Drainage District.



Jim Nash, Chairperson

Dated: October 26, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

A FOR SHAWN PHELPS

DATE: April 26, 2022

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

<u>Payable To</u>	<u>Reference</u>	<u>For</u>	<u>Amount</u>
Hubbell Roth & Clark Inc	V # 1599958	Invoice # 0194235 - Engineering Services - 01/22/22	\$ 11,670.85
Hubbell Roth & Clark Inc	V # 1599962	Invoice # 0195010 - Engineering Services - 02/19/22	7,704.78
			<u>\$ 19,375.63</u>