

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Acacia Park CSO Drain
2. Birmingham CSO Drain
3. Bloomfield Village CSO Drain
4. Clinton River Water Resource Recovery Facility
5. George W. Kuhn Drain
6. Evergreen-Farmington Sanitary Drain
7. Austin Drain
8. Brennan Drain
9. Emily Drain
10. Evergreen Road Storm Drain
11. Holland Drain
12. O'Donoghue Drain
13. Joachim Drain
14. McCulloch Drain
15. Nelson 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 GOTOMEETING AT 2:00 P.M., ON **TUESDAY, OCTOBER 26, 2021** TO CONDUCT NECESSARY AND APPROPRIATE BUSINESS OF THE DRAIN BOARDS. THOSE THAT WISH TO PARTICIPATE REMOTELY MAY FOLLOW THE INSTRUCTIONS ATTACHED TO THIS NOTICE.

THIS BOARD MEETING IS BEING CONDUCTED IN ACCORDANCE WITH THE PROVISIONS OF THE OPEN MEETINGS ACT, PA 254 OF 2020, AND/OR AS OTHERWISE PROVIDED BY LAW DUE TO THE ONGOING COVID-19 PANDEMIC. ALL BOARD MEMBERS WILL BE PARTICIPATING IN-PERSON.

DURING THE ELECTRONIC 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 MEGAN KOSS AT KOSSM@OAKGOV.COM. PERSONS WITH DISABILITIES THAT NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT MEGAN KOSS AT KOSSM@OAKGOV.COM.

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

Posted by: October 22, 2021

October 26, 2021 Chapter 20 Drain Board Meeting
Tue, Oct 26, 2021 2:00 PM - 4:00 PM (EDT)

Please join my meeting from your computer, tablet or smartphone.

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Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday October 26, 2021

1. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present Memorandum from Brian Coburn, Chief Engineer WRC, and Shawn Phelps, Chief of Fiscal Services, dated October 26, 2021 requesting the Board authorize reimbursement to the Evergreen Farmington Sanitary Drain Drainage District for monthly wastewater disposal charges for the months of October, November, and December 2021 in the monthly amount of \$33,269.58 or a total quarterly reimbursement of \$99,808.74
5. Present Memorandum for receive and file of the RTB Capacity Use Credit for the fourth quarter FY 2021
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$25,427.70
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**

September 21, 2021

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 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held August 24, 2021 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$6,590.50 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$6,590.50.

ADOPTED: Yeas - 3
Nays - 0

A request for reimbursement of the Evergreen Farmington Fund in the amount of \$33,269.58 (as attached) was presented. It was moved by Markham, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$33,269.58.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.


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 21st day of September, 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 Acacia Park CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairperson
Acacia Park CSO Drain Drainage Board

FROM: Brian Coburn, Chief Engineer WRC
Shawn Phelps, Chief of Fiscal Services

SUBJECT: Reimbursement to the Evergreen Farmington Fund

DATE: October 26, 2021

Traditionally, the CSO Drainage District meets monthly to approve a reimbursement of the Evergreen Farmington Sanitary Drain Drainage District (EFSD) for flows into that system per the established agreements.

Going forward, we propose that the CSO Drainage District pre-authorize three months of reimbursements for the EFSD each quarter. The monthly payments are known at the time that the EFSD sewer charges are established. The monthly charge to Acacia Park CSO Drainage District is \$33,269.58 per the approved EFSD Wastewater Disposal Charge effective July 1, 2021.

With the recommended action below, the Board will authorize reimbursements to the EFSD in the amount of \$33,269.58 each for the months of October, November, and December for a total expenditure of \$99,808.74.

RECOMMENDED ACTION: To authorize reimbursement to the EFSD Drainage District for monthly wastewater disposal charges for the months of October, November, and December 2021 in the monthly amount of \$33,269.58 or a total quarterly reimbursement of \$99,808.74.

OAKLAND COUNTY
WATER RESOURCES COMMISSIONER

MEMORANDUM

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

FROM: Brian Coburn, Chief Engineer

SUBJECT: RTB Capacity Use Credit
Fourth Quarter, FY 2021
July, August, September 2021

DATE: October 26, 2021

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)
07/07/21 - 07/07/21	16.8	\$ 207.14	47.4	\$ 584.44	21.0	\$ 258.93
07/16/21 - 07/16/21	95.3	\$ 1,174.80	0.0	\$ -	105.0	\$ 1,294.65
07/16/21 - 07/17/21	0.0	\$ -	246.0	\$ 3,033.18	0.0	\$ -
07/17/21 - 07/17/21	0.0	\$ -	36.0	\$ 443.88	0.0	\$ -
07/24/21 - 07/25/21	76.8	\$ 946.94	481.8	\$ 5,940.59	93.0	\$ 1,146.69
08/08/21 - 08/08/21	0.0	\$ -	13.5	\$ 166.46	0.0	\$ -
08/12/21 - 08/12/21	68.6	\$ 846.33	43.8	\$ 540.05	93.0	\$ 1,146.69
09/21/21 - 09/22/21	359.3	\$ 4,429.92	0.0	\$ -	427.8	\$ 5,274.77
09/22/21 - 09/23/21	19.2	\$ 236.74	0.0	\$ -	0.0	\$ -
09/23/21 - 09/24/21	0.0	\$ -	0.0	\$ -	354.0	\$ 4,364.82
09/21/21 - 09/24/21	0.0	\$ -	1202.7	\$ 14,829.29	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
Total Credit Q4, FY 2021:		\$ 7,841.88		\$ 25,537.90		\$ 13,486.55

Approved by: 

Date: 10/7/2021

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

Interoffice:

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

Prepared by: A. Craft

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

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

DATE: October 26, 2021

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 October 15, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
09/30/21	JE# 367131	September 2021 Storm Water Flow Charges	\$33,269.58
		RTB Capacity Use (O & M Credit)	(\$7,841.88)
			<u>\$25,427.70</u>

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday October 26, 2021

2. Birmingham CSO

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present Memorandum from Brian Coburn, Chief Engineer WRC, and Shawn Phelps, Chief of Fiscal Services, dated October 26, 2021 requesting the Board authorize reimbursement to the Evergreen Farmington Sanitary Drain Drainage District for monthly wastewater disposal charges for the months of October, November, and December 2021 in the monthly amount of \$34,528.75 or a total quarterly reimbursement of \$103,586.25
5. Present Memorandum for receive and file of the RTB Capacity Use Credit for the fourth quarter FY 2021
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$8,990.85
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

September 21, 2021

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 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held August 24, 2021 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$16,125.38 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$16,125.38.

ADOPTED: Yeas - 3
Nays - 0

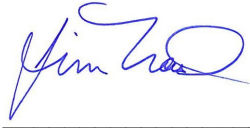
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$34,528.75 (as attached) was presented. It was moved by Markham, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$34,528.75.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

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 21st day of September, 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 Birmingham CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairperson
Birmingham CSO Drainage District

FROM: Brian Coburn, Chief Engineer WRC
Shawn Phelps, Chief of Fiscal Services

SUBJECT: Reimbursement to the Evergreen Farmington Fund

DATE: October 26, 2021

Traditionally, the CSO Drainage District meets monthly to approve a reimbursement of the Evergreen Farmington Sanitary Drain Drainage District (EFSD) for flows into that system per the established agreements.

Going forward, we propose that the CSO Drainage District pre-authorize three months of reimbursements for the EFSD each quarter. The monthly payments are known at the time that the EFSD sewer charges are established. The monthly charge to Birmingham CSO Drainage District is \$34,528.75 per the approved EFSD Wastewater Disposal Charge effective July 1, 2021.

With the recommended action below, the Board will authorize reimbursements to the EFSD in the amount of \$34,528.75 each for the months of October, November, and December for a total expenditure of \$103,586.25.

RECOMMENDED ACTION: To authorize reimbursement to the EFSD Drainage District for monthly wastewater disposal charges for the months of October, November, and December 2021 in the monthly amount of \$34,528.75 or a total quarterly reimbursement of \$103,586.25.

OAKLAND COUNTY
WATER RESOURCES COMMISSIONER

MEMORANDUM

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

FROM: Brian Coburn, Chief Engineer

SUBJECT: RTB Capacity Use Credit
Fourth Quarter, FY 2021
July, August, September 2021

DATE: October 26, 2021

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)
07/07/21 - 07/07/21	16.8	\$ 207.14	47.4	\$ 584.44	21.0	\$ 258.93
07/16/21 - 07/16/21	95.3	\$ 1,174.80	0.0	\$ -	105.0	\$ 1,294.65
07/16/21 - 07/17/21	0.0	\$ -	246.0	\$ 3,033.18	0.0	\$ -
07/17/21 - 07/17/21	0.0	\$ -	36.0	\$ 443.88	0.0	\$ -
07/24/21 - 07/25/21	76.8	\$ 946.94	481.8	\$ 5,940.59	93.0	\$ 1,146.69
08/08/21 - 08/08/21	0.0	\$ -	13.5	\$ 166.46	0.0	\$ -
08/12/21 - 08/12/21	68.6	\$ 846.33	43.8	\$ 540.05	93.0	\$ 1,146.69
09/21/21 - 09/22/21	359.3	\$ 4,429.92	0.0	\$ -	427.8	\$ 5,274.77
09/22/21 - 09/23/21	19.2	\$ 236.74	0.0	\$ -	0.0	\$ -
09/23/21 - 09/24/21	0.0	\$ -	0.0	\$ -	354.0	\$ 4,364.82
09/21/21 - 09/24/21	0.0	\$ -	1202.7	\$ 14,829.29	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
Total Credit Q4, FY 2021:		\$ 7,841.88		\$ 25,537.90		\$ 13,486.55

Approved by: 

Date: 10/7/2021

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

Interoffice:

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

Prepared by: A. Craft

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

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

DATE: October 26, 2021

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 October 15, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
09/30/21	JE# 367131	September 2021 Storm Water Flow Charges	\$34,528.75
		RTB Capacity Use (O & M Credit)	(\$25,537.90)
			<u>\$8,990.85</u>

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday October 26, 2021

3. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present Memorandum from Brian Coburn, Chief Engineer WRC, and Shawn Phelps, Chief of Fiscal Services, dated October 26, 2021 requesting the Board authorize reimbursement to the Evergreen Farmington Sanitary Drain Drainage District for monthly wastewater disposal charges for the months of October, November, and December 2021 in the monthly amount of \$45,293.67 or a total quarterly reimbursement of \$135,881.01
5. Present Memorandum for receive and file of the RTB Capacity Use Credit for the fourth quarter FY 2021
6. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$16,494.14
7. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$31,807.12
8. Other business
9. Approve pro rata payment to Drainage Board members
10. Adjourn

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

September 21, 2021

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 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held August 24, 2021 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$41,404.46 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$41,404.46.

ADOPTED: Yeas - 3
Nays - 0

A request for reimbursement of the Evergreen Farmington Fund in the amount of \$45,293.67 (as attached) was presented. It was moved by Markham, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$45,293.67.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

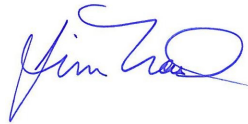
A handwritten signature in blue ink, appearing to read "Jim Nash", is positioned above a horizontal line.

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 21st day of September, 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 Bloomfield Village CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairperson
Bloomfield Village CSO Drain Drainage Board

FROM: Brian Coburn, Chief Engineer WRC
Shawn Phelps, Chief of Fiscal Services

SUBJECT: Reimbursement to the Evergreen Farmington Fund

DATE: October 26, 2021

Traditionally, the CSO Drainage District meets monthly to approve a reimbursement of the Evergreen Farmington Sanitary Drain Drainage District (EFSD) for flows into that system per the established agreements.

Going forward, we propose that the CSO Drainage District pre-authorize three months of reimbursements for the EFSD each quarter. The monthly payments are known at the time that the EFSD sewer charges are established. The monthly charge to Bloomfield Village CSO Drainage District is \$45,293.67 per the approved EFSD Wastewater Disposal Charge effective July 1, 2021.

With the recommended action below, the Board will authorize reimbursements to the EFSD in the amount of \$45,293.67 each for the months of October, November, and December for a total expenditure of \$135,881.01.

RECOMMENDED ACTION: To authorize reimbursement to the EFSD Drainage District for monthly wastewater disposal charges for the months of October, November, and December 2021 in the monthly amount of \$45,293.67 or a total quarterly reimbursement of \$135,881.01.

OAKLAND COUNTY
WATER RESOURCES COMMISSIONER

MEMORANDUM

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

FROM: Brian Coburn, Chief Engineer

SUBJECT: RTB Capacity Use Credit
Fourth Quarter, FY 2021
July, August, September 2021

DATE: October 26, 2021

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)
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07/16/21 - 07/16/21	95.3	\$ 1,174.80	0.0	\$ -	105.0	\$ 1,294.65
07/16/21 - 07/17/21	0.0	\$ -	246.0	\$ 3,033.18	0.0	\$ -
07/17/21 - 07/17/21	0.0	\$ -	36.0	\$ 443.88	0.0	\$ -
07/24/21 - 07/25/21	76.8	\$ 946.94	481.8	\$ 5,940.59	93.0	\$ 1,146.69
08/08/21 - 08/08/21	0.0	\$ -	13.5	\$ 166.46	0.0	\$ -
08/12/21 - 08/12/21	68.6	\$ 846.33	43.8	\$ 540.05	93.0	\$ 1,146.69
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09/22/21 - 09/23/21	19.2	\$ 236.74	0.0	\$ -	0.0	\$ -
09/23/21 - 09/24/21	0.0	\$ -	0.0	\$ -	354.0	\$ 4,364.82
09/21/21 - 09/24/21	0.0	\$ -	1202.7	\$ 14,829.29	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
Total Credit Q4, FY 2021:		\$ 7,841.88		\$ 25,537.90		\$ 13,486.55

Approved by: 

Date: 10/7/2021

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

Interoffice:

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

Prepared by: A. Craft

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: October 26, 2021

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 October 15, 2021

G/L Date	Ref No.	Paid To	For	Amount
9/29/2021	V # 1558879	ICS Integration Services LLC	Invoice # 2199 - Contracted Services	\$ 2,725.00
9/30/2021	V # 1560113	Shaw Service & Maintenance	Invoice # 910004513 - Contracted Services	3,690.96
10/6/2021	V # 1560959	Alexander Chemical Corporation	Invoice # 45206 - Chlorination Supplies	6,404.38
10/5/2021	V # 1560626	JCI Jones Chemicals Inc	Invoice # 868442 - Chlorination Supplies	3,673.80
			Total	<u>\$ 16,494.14</u>

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

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

DATE: October 26, 2021

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 October 15, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
09/30/21	JE# 367131	September 2021 Storm Water Flow Charges	\$45,293.67
		RTB Capacity Use (O & M Credit)	(\$13,486.55)
			<u>\$31,807.12</u>

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

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices from the Construction Fund in the amount \$22,124.13
5. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$653,118.44
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

September 21, 2021

A meeting of the Drainage Board for the Clinton River Water Resource Recovery Facility was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held August 24, 2021 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 proposal from Meadowbrook Insurance Agency regarding the renewal of the General Liability and Public Official Liability Policy was presented. It was moved by Markham, supported by Nash, to authorize the Chairperson to bind coverage in accordance with the insurance proposal recommendations from Meadowbrook Insurance Agency, authorize the Chairperson to bind coverage for the Pollution Policy once available and approve payment of any premium and/or other invoices associated with the policy renewals.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from John Basch, WRC Attorney, dated September 21, 2021 requesting the Board accept the assignments of the billboard leases from the City of Pontiac Wastewater Treatment Facility to the Drainage District was presented. It was moved by Markham, supported by Nash, to approve the assignments of the billboard leases from the City of Pontiac Wastewater Treatment Facility to the Drainage District as presented.

ADOPTED: Yeas - 2
Nays - 0

Commissioner Woodward entered the meeting.

A request for Board approval of payment of invoices from the Construction Fund in the amount \$12,552.20 (as attached) was presented. It was moved by Markham, supported by Woodward, that the invoices in the amount of \$12,552.20 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$262,046.51 (as attached) was presented. It was moved by Markham, supported by Woodward, that the invoices in the amount of \$262,046.51 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

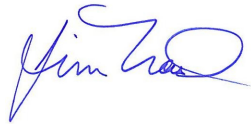


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 21st day of September, 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 Clinton River Water Resource Recovery Facility.



Jim Nash, Chairperson

Dated: September 21, 2021

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

Sj Phelps

DATE: October 26, 2021

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

	Ref No.	For	Amount
CDM Smith Michigan, Inc	V # 1558223	Invoice # 53 - Engineering Admin - 08/01/21 - 08/31/21 - Proj 1-2181	\$ 16,611.63
Dickinson Wright PLLC	V # 1559455	Invoice # 1619809 - Legal Services - 08/31/21 - Proj #1-2181	5,287.50
Dickinson Wright PLLC	TBP	Invoice # 1624175 - Legal Services - 09/30/21 - Proj #1-2181	225.00
		Total for Project # 1-2181	\$ 22,124.13

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 *SjPhelps*
OCWRC Accounting

DATE: October 26, 2021

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 September 11, 2021 to October 20, 2021.

Payable To	Ref No.	For	Amount
USA Blue Book	Sept 2021 Pcard	Pcard - Materials and Supplies	\$ 6,246.75
Grainger	Sept 2021 Pcard	Pcard - Materials and Supplies	1,928.50
USA Blue Book	Sept 2021 Pcard	Pcard - Materials and Supplies	1,130.90
Cech Corporation	Sept 2021 Pcard	Pcard - Materials and Supplies	1,446.15
McNaughton-McKay Electric Company	Sept 2021 Pcard	Pcard - Materials and Supplies	2,588.18
USA Blue Book	Sept 2021 Pcard	Pcard - Materials and Supplies	2,373.47
The Macomb Group, Inc	Sept 2021 Pcard	Pcard - Materials and Supplies	1,126.67
USA Blue Book	Sept 2021 Pcard	Pcard - Lab Supplies	1,669.48
Polydyne Inc	V # 1560111	Invoice # 1578971 - Chemical Treatment	16,008.00
PVS Technologies Inc	V # 1558068	Invoice # 295737 - Chemical Treatment	2,055.30
PVS Technologies Inc	V # 1559134	Invoice # 296362 - Chemical Treatment	10,266.84
PVS Technologies Inc	V # 1559136	Invoice # 296815 - Chemical Treatment	2,323.56
PVS Technologies Inc	V # 1559139	Invoice # 297199 - Chemical Treatment	10,223.52
PVS Technologies Inc	TBP	Invoice # 297689 - Chemical Treatment	2,343.96
Anixter, Inc	V # 1559115	Invoice # 508270616 - Material and Supplies	1,309.23
Anixter, Inc	V # 1559116	Invoice # 508270692 - Material and Supplies	1,312.62
Clean Net of Greater Michigan, Inc	V # 1558980	Invoice # DET0096051 - Contracted Services	1,800.00
JCI Jones Chemicals Inc	V # 1560124	Invoice # 867982 - Chemical Treatment	2,520.00
JCI Jones Chemicals Inc	TBP	Invoice # 869403 - Chemical Treatment	2,525.04
JCI Jones Chemicals Inc	TBP	Invoice # 869564 - Chemical Treatment	3,007.39
Waste Management	V # 1558179	Invoice # 8553780-1714-6 - Garbage & Rubbish Disposal	1,056.05
Waste Management	V # 1557856	Invoice # 8553736-1714-8 - Garbage & Rubbish Disposal	3,915.67
Waste Management	V # 1562517	Invoice # 8535703-1714-1 - Garbage & Rubbish Disposal	1,307.34
Dickinson Wright PLLC	V # 1558941	Invoice # 1619816 - Legal Services - 8/31/2021	3,637.50
Dickinson Wright PLLC	V # 1563759	Invoice # 1624180 - Legal Services - 9/30/2021	3,150.00
Davis & Davis Law Offices PLC	V # 1559033	Invoice # OCWRC-09-20-21 - Legal Services	5,425.00
Waste Management	V # 1557857	Invoice # 8553735-1714-0 - Garbage & Rubbish Disposal	1,240.06
Biotech Agronomics Inc	V # 1559571	Invoice # 2903- Land Application	49,064.57
D J Conley Associates, Inc	V # 1560107	Invoice # SI-45192-1 - Material and Supplies	1,489.60
D J Conley Associates, Inc	V # 1560108	Invoice # SI-45274-1 - Material and Supplies	1,891.24
D3W Industries	V # 1559595	Invoice # 3035 - Material and Supplies	5,775.00
D3W Industries	V # 1560103	Invoice # 3043 - Material and Supplies	5,775.00
D3W Industries	V # 1563756	Invoice # 3051 - Material and Supplies	5,775.00
Atlas Copco Compressors LLC	V # 1563728	Invoice # 1121101158 - Contracted Services	1,300.00
NTH Consultants Ltd	V # 1563834	Invoice # 627620 - Engineering Services - 10/01/21	12,775.36
Meadowbrook Insurance Agency	V # 1559368	Invoice # 8032 - Insurance - AIG TPA Claims Admin Service Fee	1,500.00
Meadowbrook Insurance Agency	V # 1563822	Invoice # 8134 - Insurance - Premises Pollution Liability	21,278.00
Meadowbrook Insurance Agency	V # 1563824	Invoice # 8135 - Insurance - Renewal of Public Entity Liability	107,121.75
Meadowbrook Insurance Agency	V # 1563826	Invoice # 8136 - Insurance - Excess Public Entity Liability	180,681.88
Entrance Technologies Inc	V # 1563761	Invoice # 21535 - Contracted Services	240.00
State of Michigan	V # 1561375	Invoice # BLR459424 - Bioler Inspection/Certification	180.00
JCI Jones Chemicals Inc	TBP	Invoice # 868109 - Chemical Treatment	2,283.30
Subtotal			\$ 488,784.58
Tetra Tech, Inc	V # 1557846	Invoice # 51782228 - Contracted Services - 08/31/21 - Proj #1-3084	\$ 2,913.19
Subtotal - Project 1-3084			\$ 2,913.19

CSM Mechanicals, LLC	V # 1559433	Invoice # 21-142.2 - Equipment Rental - Proj #1-3429	\$	3,535.40
CSM Mechanicals, LLC	V # 1559583	Invoice # 21-142.3 - Equipment Rental - Proj #1-3429		1,767.70
CSM Mechanicals, LLC	V # 1559587	Invoice # 21-142.4 - Equipment Rental - Proj #1-3429		1,767.70
CSM Mechanicals, LLC	TBP	Invoice # 21-557 - Contractor Payment - Proj #1-3429		2,975.00
Process Piping & Equipment	TBP	Invoice # 1 - Bldg Maintenance Chrg - Proj #1-3429		41,550.00
Subtotal - Project 1-3429			\$	51,595.80
Kendell Electric/Galloup Forberg Smith	V # 1558007	Invoice # S110693106.001 - Material and Supplies - Proj #1-3485	\$	1,080.81
Kendell Electric/Galloup Forberg Smith	V # 1557997	Invoice # S110608906.005 - Material snd Supplies - Proj #1-3485		11,687.72
Commerce Controls Incorporated	V # 1559577	Invoice # 59797- Contracted Services - Proj # 1-3485		2,800.00
Subtotal - Project 1-3485			\$	15,568.53
MacAllister Rentals	V # 1558884	Invoice # R74427726201 - Equipment Rental - Proj #1-3511	\$	2,470.00
Mersino Dewatering Inc	V # 1560110	Invoice # 88531 - Equipment Rental - Proj # 1-3511		38,000.00
NTH Constultants Ltd	TBP	Invoice # 627619 - Engineering Services - 10/01/21 - Proj # 1-3511		937.81
Pipeline Management Co Inc	TBP	Invoice 2021-123 - Project Construction - 09/13/21 - 09/24/21 - Proj # 1-3511		21,513.37
Pipeline Management Co Inc	TBP	Invoice 2021-118 - Project Construction - 08/30/21 - 09/10/21 - Proj # 1-3511		5,452.00
Subtotal - Project 1-3511			\$	68,373.18
Kendell Electric/Galloup Forberg Smith	V # 1558001	Invoice # S110608906.007 - Material snd Supplies - Proj #1-3454	\$	5,434.59
Subtotal - Project 1-3454			\$	5,434.59
NTH Constultants Ltd	TBP	Invoice # 627618 - Engineering Services - 10/01/21 - Proj # 1-3521	\$	12,912.45
Subtotal - Project 1-3521			\$	12,912.45
OHM Advisors	V # 1563774	Invoice # 44724 - Engineering Admin - 09/30/21 - Proj 1-3269	\$	2,265.00
Subtotal - Project 1-3269			\$	2,265.00
Fishbeck	V # 1557847	Invoice # 404295 - Engineering & Survey - 9/03/21 - Proj # 1-3042	\$	1,516.40
Subtotal - Project 1-3042			\$	1,516.40
Bedrock Express Ltd	V # 1559555	Invoice # 117995 - Material and Supplies - Proj # 1-3517	\$	2,567.60
Bedrock Express Ltd	V # 1559560	Invoice # 119308 - Material and Supplies - Proj # 1-3517	\$	1,187.12
Subtotal - Project 1-3517			\$	3,754.72
Total			\$	653,118.44

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday October 26, 2021

5. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present Memorandum from Gary Nigro, P.E., Chief Engineer, dated October 26, 2021 requesting the Board approve \$25,000 of extra funding be added to the existing Drainage District UPS replacement project for a new total budget of \$55,000
5. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$72,745.55
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

September 21, 2021

A meeting of the Drainage Board for the George W. Kuhn Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held August 24, 2021 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

A Memorandum from Gary Nigro, P.E., Chief Engineer, dated September 21, 2021, requesting the Board award the construction of the Alternate Outlet Project to Dan's Excavating, Inc. in the amount of \$484,397.13 and to authorize the Chairperson to execute the contract document subject to approval by legal counsel was presented. It was moved by Markham, supported by Woodward, to award the construction of the Alternate Outlet Project to Dan's Excavating, Inc. in the amount of \$484,397.13 and to authorize the Chairperson to execute the contract document subject to approval by legal counsel as presented.

ADOPTED: Yeas - 3
Nays - 0

Construction Estimate No. 21 for Weiss Construction in the amount of \$22,080 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve Construction Estimate No. 21 in the amount of \$22,080 as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$40,369.56 (as attached) was presented. It was moved by

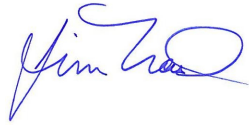
Markham, supported by Woodward, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$40,369.56.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the George W. Kuhn Drain, Oakland County, Michigan, held on the 21st day of September, 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 George W. Kuhn Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairman
George W. Kuhn Drainage Board

FROM: Gary Nigro, P.E., Chief Engineer

SUBJECT: Uninterruptible Power Supply Replacement Project - Increased Scope

DATE: October 26, 2021

A current project to replace an uninterruptible power supply (UPS-1) unit is underway at the GWK Retention Treatment Facility. An uninterruptible power supply (UPS) allows connected equipment to continue running when primary power is lost and protects the equipment from power surges that can occur during an outage.

This project was budgeted for and approved at the April 27, 2021 Drain Board meeting with the anticipated costs of \$30,000. Since that time, a second UPS unit (UPS-2) has been identified as being non-operational and requiring replacement. An additional \$25,000 in extra funding will allow UPS-2 to be replaced as part of this current project.

Board Action Requested:

Approve \$25,000 of extra funding be added to the existing GWK UPS replacement project for a new total budget of \$55,000.

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

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

DATE: October 26, 2021

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

Payable To	Ref No.	For	Amount
FK Engineering Associates	TBP	Invoice # 20-060-011 - Contracted Services - 08/15/21 - 09/11/21	\$ 5,917.50
FK Engineering Associates	TBP	Invoice # 20-060-005 - Contracted Services - 01/10/21 - 02/13/21	9,484.25
Pipeline Management Co Inc	TBP	Invoice # 2021-106 - Contracted Services - 08/18/21	2,561.54
Subtotal Project # 1-2847			\$ 17,963.29
Pipeline Management Co Inc	TBP	Invoice # 2021-112 - Contracted Services - 08/26/21 - 08/27/21	\$ 1,174.00
Pipeline Management Co Inc	TBP	Invoice # 2021-117 - Contracted Services - 08/30/21 - 09/10/21	28,898.41
Subtotal Project # 1-3261			\$ 30,072.41
OHM	TBP	Invoice # 44679 - Contracted Services - 09/30/21	\$ 3,377.50
Pipeline Management Co Inc	TBP	Invoice # 2021-106 - Contracted Services - 08/18/21	2,561.53
Dickinson Wright, PLLC	TBP	Invoice # 1619767 - Legal Services - 08/31/2021	749.50
Dickinson Wright, PLLC	TBP	Invoice # 1619770 - Legal Services - 08/31/2021	4,117.33
Dickinson Wright, PLLC	TBP	Invoice # 1619773 - Legal Services - 08/31/2021	913.38
Dickinson Wright, PLLC	TBP	Invoice # 1619794 - Legal Services - 08/31/2021	266.96
Dickinson Wright, PLLC	TBP	Invoice # 1619796 - Legal Services - 08/31/2021	144.12
Dickinson Wright, PLLC	TBP	Invoice # 1619798 - Legal Services - 08/31/2021	155.32
Dickinson Wright, PLLC	TBP	Invoice # 1619800 - Legal Services - 08/31/2021	43.63
Dickinson Wright, PLLC	TBP	Invoice # 1619803 - Legal Services - 08/31/2021	60.26
Dickinson Wright, PLLC	TBP	Invoice # 1619804 - Legal Services - 08/31/2021	216.44
Dickinson Wright, PLLC	TBP	Invoice # 1619805 - Legal Services - 08/31/2021	75.87
Dickinson Wright, PLLC	TBP	Invoice # 1619811 - Legal Services - 08/31/2021	637.50
Dickinson Wright, PLLC	TBP	Invoice # 1619817 - Legal Services - 08/31/2021	37.50
Dickinson Wright, PLLC	TBP	Invoice # 1619774 - Legal Services - 08/31/2021	129.95
Dickinson Wright, PLLC	TBP	Invoice # 1624157 - Legal Services - 09/30/2021	0.87
Dickinson Wright, PLLC	TBP	Invoice # 1624186 - Legal Services - 09/30/2021	225.30
Dickinson Wright, PLLC	TBP	Invoice # 1624169 - Legal Services - 09/30/2021	749.50
Dickinson Wright, PLLC	TBP	Invoice # 1624170 - Legal Services - 09/30/2021	3,967.33
Dickinson Wright, PLLC	TBP	Invoice # 1624171 - Legal Services - 09/30/2021	800.88
Dickinson Wright, PLLC	TBP	Invoice # 1624172 - Legal Services - 09/30/2021	154.46
Dickinson Wright, PLLC	TBP	Invoice # 1624173 - Legal Services - 09/30/2021	31.62
Dickinson Wright, PLLC	TBP	Invoice # 1624174 - Legal Services - 09/30/2021	28.94
Dickinson Wright, PLLC	TBP	Invoice # 1624176 - Legal Services - 09/30/2021	37.50
Dickinson Wright, PLLC	TBP	Invoice # 1624181 - Legal Services - 09/30/2021	5,175.00
Dickinson Wright, PLLC	TBP	Invoice # 1624842 - Legal Services - 09/30/2021	17.45
Dickinson Wright, PLLC	TBP	Invoice # 1624910 - Legal Services - 09/30/2021	5.32
Dickinson Wright, PLLC	TBP	Invoice # 1624911 - Legal Services - 09/30/2021	6.13
Dickinson Wright, PLLC	TBP	Invoice # 1624917 - Legal Services - 09/30/2021	22.76
Subtotal			\$ 24,709.85
Total			\$ 72,745.55

**6. Evergreen-Farmington
Sanitary Drain**

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present Memorandum from Carrie Cox, Chief Engineer WRC, dated October 26, 2021 requesting the Board approve the allocation of \$225,000 in Capital Improvement Funds for the replacement and communication upgrades of the 3G Sewer Flow Meters
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

September 21, 2021

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 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held August 24, 2021 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

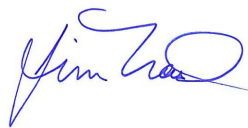
Carrie Cox, Chief Engineer, and Peter Webster, Legal Counsel from Dickinson Wright, requested the Board receive and file the fully executed 471 Agreement. It was moved by Markham, supported by Woodward, to receive and file the executed 471 Agreement as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

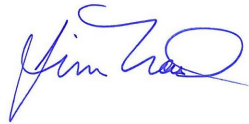


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Evergreen-Farmington Sanitary Drain, Oakland County, Michigan, held on the 21st day of September, 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 Evergreen-Farmington Sanitary Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

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

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

FROM: Carrie Ricker Cox, Chief Engineer

SUBJECT: EFSD 3G Meter Conversion

DATE: October 26, 2021

The Evergreen Farmington Sanitary Drain has over 100 sanitary sewer flow meters as part of the meter-based billing program. These meters enable the system to appropriately allocate the annual operations and maintenance costs and assist in the operation of the system during wet weather. Most of these meters are owned by the Evergreen Farmington Sanitary Drain and are operated by ADS Environmental Services. ADS recently announced that AT&T notified them of their intent to shut down the AT&T GSM (3G) network in February 2022. With this announcement, ADS Environmental Services worked to provide options to navigate this communications upgrade. They are offering 4G communications conversion kits for all types of meters owned by the Evergreen Farmington Sanitary Drain.

In addition, several meters were scheduled for replacement in FY2023 and FY2024. It is recommended that those meters requiring 3G communication upgrades that also have a replacement scheduled in the next two years should be replaced before February 2022. Therefore, the following is recommended:

- Replace 22 meters
- Upgrade 1 Triton Meter
- Upgrade 65 Triton+ Meters

The new ADS conversation kit is equipped with 4G LTE-M technology. Cellular providers anticipate this technology will be viable for many years to follow.

REQUEST ACTION: Approve the allocation of \$225,000 in Capital Improvement Funds for the replacement and communication upgrades of the 3G Sewer Flow Meters.

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday October 26, 2021

7. Austin Drain

AGENDA

DRAINAGE BOARD FOR THE AUSTIN DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of November 27, 2018
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$14,628
5. Other business
6. Approve payment to Drainage Board Members
7. Adjourn

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

November 27, 2018

A meeting of the Drainage Board for the Austin 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 November, 2018.

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

Michael Gingell, Chairperson of the Oakland County Board of Commissioners

Minutes of the meeting held July 15, 2014 were presented for consideration. It was moved by Middleton, supported by Gingell, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

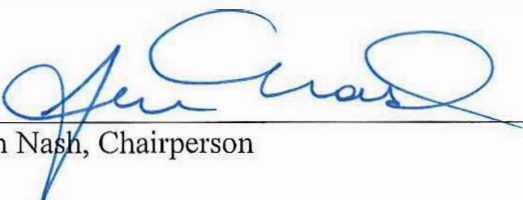
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$13,912 for the Austin Drain (as attached) were presented. It was moved by Gingell, supported by Middleton, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$13,912 as presented.

ADOPTED: Yeas - 3
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 and Mr. Gingell.

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 Austin Drain, Oakland County, Michigan, held on the 27th day of November, 2018, 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 Austin Drain Drainage District.



Jim Nash, Chairperson

Dated: December 11, 2018

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

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

Date last assessment approved:	11/27/18	
Last Assessment:		\$13,912
Current Available Cash:		(\$2,628)

Expenditure History:	Fiscal Year	Amount
	2014	\$908
	2015	\$2,770
	2016	\$1,956
	2017	\$944
	2018	\$4,169
	2019	\$8,875
	2020	\$2,881
	2021 YTD	\$2,713

Estimated Expenditures:	Year	Amount
	2022	\$4,000
	2023	\$4,000
	2024	\$4,000
	Total	\$12,000

Recommended Assessment:

Current Cash Deficit	\$2,628
Total Anticipated Expenses 2022 - 2024	\$12,000

TOTAL RECOMMENDED ASSESSMENT	\$14,628
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Prepared by: Michael R. McMahon Date: 10/26/2021
Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven Korth Date: Oct. 26, 2021
Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of August 31, 2021, Fiscal Services Division Report.

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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Southfield	91.3449%	\$ 13,361.93	\$ 13,361.93	-	-
County of Oakland	8.6551%	\$ 1,266.07	\$ 1,266.07	-	-
<hr/>					
Total	100.000%	\$ 14,628.00	\$ 14,628.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 6/9/1964.

Assessment Payment Due Date(s): Payment #1 11/30/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Austin 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 Austin Drain

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

Jim Nash
Chairman of the Drainage Board for the Austin Drain

8. Brennan Drain

AGENDA

DRAINAGE BOARD FOR THE BRENNAN DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of November 26, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,365
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

November 26, 2019

A meeting of the Drainage Board for the Brennan 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 November, 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

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

Minutes of the meeting held February 26, 2019 were presented for consideration. It was moved by Woodward, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

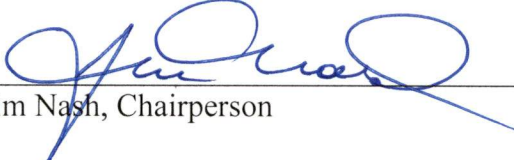
A request for reimbursement of the Drain Revolving Fund in the amount of \$238.35 (as attached) was presented. It was moved by Woodward, supported by Nash, to reimburse the Drain Revolving Fund in the amount of \$238.35.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

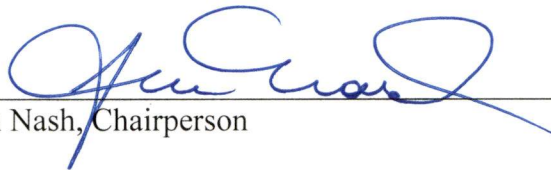


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board of the Brennan Drain, Oakland County, Michigan, held on the 26th day of November, 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 Brennan Drain Drainage District.



Jim Nash, Chairperson

Dated: December 4th, 2019

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

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

Date last assessment approved:	02/26/19	
Last Assessment:		\$5,291
Current Available Cash:		(\$365)

Expenditure History:	Fiscal Year	Amount
	2014	\$720
	2015	\$1,569
	2016	\$877
	2017	\$1,799
	2018	\$1,131
	2019	\$1,732
	2020	\$2,447
	2021 YTD	\$488

Estimated Expenditures:	Year	Amount
	2022	\$2,000
	2023	\$2,000
	2024	\$2,000
	Total	\$6,000

Recommended Assessment:

Current Cash Deficit	\$365
Total Anticipated Expenses 2022 - 2024	\$6,000

TOTAL RECOMMENDED ASSESSMENT	\$6,365
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Prepared by: Michael R. McMahon Date: 10/26/2021
Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven Korth Date: Oct. 26, 2021
Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of August 31, 2021, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE BRENNAN DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Southfield	100.0000%	\$ 6,365.00	\$ 6,365.00	-	-
<hr/>					
Total	100.000%	\$ 6,365.00	\$ 6,365.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 1/14/1976.

Assessment Payment Due Date(s): Payment #1 11/30/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Brennan 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 Brennan Drain

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

Jim Nash
Chairman of the Drainage Board for the Brennan Drain

9. Emily Drain

AGENDA

DRAINAGE BOARD FOR THE EMILY DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of February 26, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$8,759
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

February 26, 2019

A meeting of the Drainage Board for the Emily 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 February, 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 June 30, 2016 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.

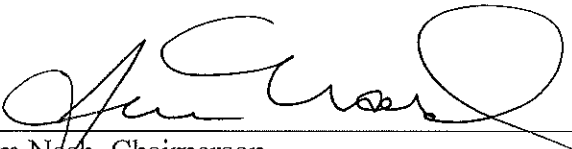
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,386 for the Emily Drain (as attached) were presented. It was moved by Zack, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$6,386 as presented.

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.

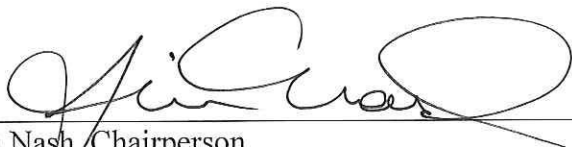


Jim Nash, Chairperson

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 Emily Drain, Oakland County, Michigan, held on the 26th day of February, 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 Emily Drain Drainage District.



Jim Nash, Chairperson

Dated: March 12, 2019

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

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

Date last assessment approved:	02/26/19	
Last Assessment:		\$6,386
Current Available Cash:		(\$659)

Expenditure History:	Fiscal Year	Amount
	2014	\$778
	2015	\$1,855
	2016	\$1,292
	2017	\$891
	2018	\$2,262
	2019	\$1,517
	2020	\$3,517
	2021 YTD	\$1,218

Estimated Expenditures:	Year	Amount
	2022	\$2,700
	2023	\$2,700
	2024	\$2,700
	Total	\$8,100

Recommended Assessment:

Current Cash Deficit	\$659
Total Anticipated Expenses 2022 - 2024	\$8,100

TOTAL RECOMMENDED ASSESSMENT	\$8,759
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Prepared by: Michael R. McMahon Date: 10/26/2021
Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven Korth Date: Oct. 26, 2021
Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of August 31, 2021, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE EMILY DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Southfield	100.0000%	\$ 8,759.00	\$ 8,759.00	-	-
Total	100.000%	\$ 8,759.00	\$ 8,759.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 8/21/1972.

Assessment Payment Due Date(s): Payment #1 11/30/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Emily 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 Emily Drain

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

Jim Nash
Chairman of the Drainage Board for the Emily Drain

10. Evergreen Storm Road Drain

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN ROAD STORM DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of February 26, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$13,645
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE EVERGREEN ROAD STORM DRAIN**

February 26, 2019

A meeting of the Drainage Board for the Evergreen Road Storm 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 February, 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 June 30, 2016 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 \$12,636 for the Evergreen Road Storm 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 \$12,636 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 Evergreen Road Storm Drain, Oakland County, Michigan, held on the 26th day of February, 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 Evergreen Road Storm Drain Drainage District.



Jim Nash, Chairperson

Dated: March 12, 2019

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Evergreen Road Storm Drain

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

Date last assessment approved:	02/26/19	
Last Assessment:		\$12,636
Current Available Cash:		(\$5,245)

Expenditure History:	Fiscal Year	Amount
	2014	\$760
	2015	\$914
	2016	\$2,032
	2017	\$3,210
	2018	\$2,418
	2019	\$2,449
	2020	\$11,106
	2021 YTD	\$3,505

Estimated Expenditures:	Year	Amount
	2022	\$2,800
	2023	\$2,800
	2024	\$2,800
	Total	\$8,400

Recommended Assessment:

Current Cash Deficit	\$5,245
Total Anticipated Expenses 2022 - 2024	\$8,400

TOTAL RECOMMENDED ASSESSMENT	\$13,645
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Prepared by: Michael R. McMahon Date: 10/26/2021
Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven Korth Date: Oct. 26, 2021
Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of August 31, 2021, Fiscal Services Division Report.

**SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE
OF THE EVERGREEN ROAD STORM DRAIN**

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Southfield	95.38516%	\$ 13,015.30	\$ 13,015.30	-	-
County of Oakland	1.29971%	\$ 177.35	\$ 177.35	-	-
Village of Beverly Hills	3.31513%	\$ 452.35	\$ 452.35	-	-
<hr/>					
Total	100.000%	\$ 13,645.00	\$ 13,645.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 5/31/1967.

Assessment Payment Due Date(s): Payment #1 11/30/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Evergreen Road Storm 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 Evergreen Road Storm Drain

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

Jim Nash
Chairman of the Drainage Board for the Evergreen Road Storm Drain

11. Holland Drain

AGENDA

DRAINAGE BOARD FOR THE HOLLAND DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 23, 2018
3. Public Comments
4. Present 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
5. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$65,276
6. Other business
7. Approve pro rata payment to Drainage Board Members
8. Adjourn

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

October 23, 2018

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 23rd day of October, 2018.

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 Holland Drain in the amount of \$37,468 (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 \$37,468 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.

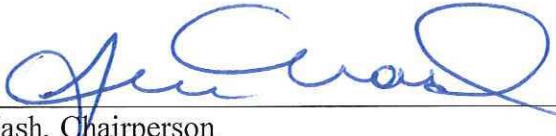


Jim Nash, Chairperson

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 Holland Drain, Oakland County, Michigan, held on the 23rd day of October, 2018, 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 Holland Drain Drainage District.



Jim Nash, Chairperson

Dated: October 31, 2018

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairman – Holland Drain Drainage Board

FROM: Geoff S. Wilson, P.E. - Drain Maintenance Engineer

SUBJECT: Hydraulic Study – Giddings Road Over the Holland Drain

DATE: October 26, 2021

The City of Pontiac is planning to rehabilitate Giddings Road north of Perry Street. This stretch of road contains a triple barrel corrugated metal pipe culvert crossing of the Holland Drain. Water frequently overtops the roadway in this location, and the City of Pontiac would like to reduce the overtopping prior to the rehabilitation of the roadway. HRC provided a proposal to perform hydraulic modeling of the culvert and channel, and to provide recommendations to reduce the frequency of overtopping.

Recommendation – 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.

October 14, 2021

Oakland County Water Resources Commissioner's Office
One Public Works Drive, Building 95W
Waterford, Michigan 48328

Attn: Mr. Geoff Wilson, P.E., Drain Maintenance Engineer

Re: Proposal for Professional Engineering Services
Hydraulic Study for Holland Drain (Galloway Creek) - Giddings Road Culvert

HRC Job No. 20210536

Dear Mr. Wilson:

In accordance with your request, Hubbell, Roth & Clark, Inc. (HRC) is pleased to submit this proposal to complete a hydraulic analysis on Giddings Road Culvert Crossing. This proposal is based on a Request for Proposal received by our office on July 28, 2021, the emails on June 01 and July 28, 2021, and follow-up correspondence from the City of Pontiac and Oakland County Water Resources Commissioner's Office (WRC) Engineers and our subsequent review of the attachments.

We understand that Giddings Road overtops multiple times a year from Galloway Creek, crossing Giddings Road about 800 ft north of Perry Road. The City of Pontiac has plans to resurface Giddings Road in the near future and would like to eliminate the future road overtopping. This study will determine the flood event that causes overtopping to occur at the Giddings Road crossing. In addition, this study will propose effective solutions to eliminate future overtopping.

Scope/ Tasks

A breakdown of our proposed services and budgeted hours are summarized below:

1. **Data Collection and Review Existing Data:** HRC will review existing USGS Light Detection and Ranging (LiDAR) information, record documents, plans, and the hydraulic study performed for the Giddings Road crossing by Alfred Benesch company in 2019 to guide the project study.

Estimated Hours – 17

2. **Topographic Survey and Field Assessment:** HRC will perform the needed topographic survey of the stream and supplement it with LiDAR elevation data. Both datasets will be stitched together to create a merged Digital Elevation Model. In addition, we will prepare longitudinal and cross-sectional profiles from the merged data for the hydraulic study. HRC will visit the site and conduct field assessments to investigate sediment build-up and vegetation growth in the stream to determine how they are affecting flow. The new longitudinal profile will be compared with the old available profile from the County to determine how much sediment was deposited over time.

Estimated Hours – 50

3. **Hydrology Study:** HRC will submit a Discharge Request to EGLE to obtain the estimated flow rates in the project area for all frequencies available, including the 10-year and 100-year events.

Estimated Hours – 9

Delhi Township
2101 Aurelius Rd.
Suite 2A
Holt, MI 48842
517-694-7760

Detroit
535 Griswold St.
Buhl Building, Ste 1650
Detroit, MI 48226
313-965-3330

Grand Rapids
801 Broadway NW
Suite 215
Grand Rapids, MI 49504
616-454-4286

Howell
105 W. Grand River
Howell, MI 48843
517-552-9199

Jackson
401 S. Mechanic St.
Suite B
Jackson, MI 49201
517-292-1295

Kalamazoo
834 King Highway
Suite 107
Kalamazoo, MI 49001
269-665-2005

Lansing
215 S. Washington SQ
Suite D
Lansing, MI 48933
517-292-1488

4. **Develop the Original, Existing and Proposed Condition HecRAS Models:** HRC will develop the HecRAS model to reflect the current conditions and determine the frequency of overtopping and the existing capacity of culvert crossing. An additional model will be developed using the original plan condition to compare to the current conditions. HRC will also attempt to obtain any existing models from EGLE and/or FEMA; however, obtaining an existing model is not necessary for this type of project. If available, information may be used for supplemental purposes. A proposed condition HecRAS model will be developed by modifying the existing condition model to include the proposed improvements.

Estimated Hours – 128

5. **Exhibit and Report:** HRC will provide an exhibit for WRC and City of Pontiac staff to visually show at what level event overtopping occurs. In addition, HRC will prepare a letter report to present the findings of the culvert capacity study. The report will also identify immediate improvements, including cost, that could be performed to eliminate or minimized overtopping based on the feedback from WRC and Pontiac. Additionally, the report will describe the effects of revised drain section on the road, potential limits of construction and conceptual cost.

Estimated Hours – 57

Task*	Hours	Cost
1.) Data Collection and Review Existing Data	17	\$ 1,875
2.) Topographic Survey and Field Assessment	50	\$ 5,130
3.) Request Peak Flow from EGLE	9	\$ 995
4.) Develop the HecRAS Models to Reflect Original, Existing, and Proposed Conditions	128	\$13,685
5.) Document and Report	57	\$ 6,050
Totals	261	\$27,735

*This proposal does not cover any FEMA mapping efforts for the current study.

Additional Services

In addition to these tasks, our office would be pleased to provide EGLE permit negotiation, design, bidding, or construction engineering services, and grant assistance as needed. HRC can evaluate the impact of upsizing the Giddings culvert on the crossing in the downstream direction and assist with updating FEMA floodplain map if required. A future proposal for these services will be provided under separate cover should WRC so desire.

Schedule

HRC is prepared to begin work following the WRC's authorization to proceed and complete the study within 90 days.

Fee Summary

Based on the identified scope, HRC estimates approximately 261 hours to complete the tasks as described. The estimated total budget for the provided scope is \$27,735 and has been developed following our agreed-upon hourly rate fee schedule. This amount will not be exceeded without prior written authorization.

The project will be managed by John Balint, P.E. and James Burton, P.E. will be the Principal in Charge. The primary designer will be Fatemeh Babakhani, PhD, P.E. (resume attached), who has significant experience performing this work for Oakland County Water Resources Commissioners Office. Additional assistance will be provided by the survey crew and engineering staff.

If this proposal is deemed acceptable to WRC, please sign, and return one copy to this office and retain one for your files. Thank you for the opportunity to submit this proposal. We look forward to the prospect of working with you on the hydraulic analysis project.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



John Balint, P.E.
Project Manager



James Burton, P.E.
Vice President

pc: HRC, C. Hart, F. Babakhani, File

Accepted By:

Signature: _____

Title: _____

Printed Name: _____

Dated: _____



2012 Orthophotography
DRAIN QUARTER GRID(S)
 6 QUARTER SHEET(S)

POT036, POT039, POT058, POT059, POT060, POT061

HOLLAND DRAIN

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

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

Date last assessment approved:	10/23/18	
Last Assessment:		\$37,468
Current Available Cash:		(\$11,276)

Expenditure History:	Fiscal Year	Amount
	2014	\$4,723
	2015	\$4,791
	2016	\$2,010
	2017	\$3,991
	2018	\$6,594
	2019	\$14,986
	2020	\$4,672
	2021 YTD	\$3,987

Estimated Expenditures:	Year	Amount
	2022	\$6,600
	2023	\$6,600
	2024	\$6,600
	Total	\$19,800

Recommended Assessment:

Current Cash Deficit	\$11,276
Total Anticipated Expenses 2022 - 2024	\$19,800
Proposed Special Maintenance Expenses	\$34,200
TOTAL RECOMMENDED ASSESSMENT	\$65,276

Prepared by: Michael R. McMahon Date: 10/26/2021
Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven Korth Date: Oct. 26, 2021
Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of August 31, 2021, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE HOLLAND DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Pontiac	90.040%	\$ 58,774.51	\$ 58,774.51	-	-
County of Oakland	3.630%	\$ 2,369.52	\$ 2,369.52	-	-
State of Michigan	6.330%	\$ 4,131.97	\$ 4,131.97	-	-
<hr/>					
Total	100.000%	\$ 65,276.00	\$ 65,276.00	\$ -	\$ -

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

Assessment Payment Due Date(s): Payment #1 11/30/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Holland 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 Holland Drain

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

Jim Nash
Chairman of the Drainage Board for the Holland Drain

12. O'Donoghue Drain

AGENDA

DRAINAGE BOARD FOR THE O'DONOGHUE DRAIN

May 19, 2020

1. Call meeting to order
2. Approve minutes of meeting of May 19, 2020
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$10,400
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE O'DONOGHUE DRAIN**

May 19, 2020

A meeting of the Drainage Board for the O'Donoghue Drain was held at 2:00 p.m. on the 19th day of May, 2020. The meeting was conducted via GoToMeeting in accordance with the Governor's Executive Order 2020-75 due to the ongoing COVID-19 pandemic. Commissioner Nash read a brief statement regarding the current health crisis and its impact on the Chapter 20 meetings, which can be found in its entirety under "Drainage District Policy".

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

Minutes of the meeting held February 26, 2019 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 request for reimbursement of the Drain Revolving Fund in the amount of \$1,008 (as attached) was presented. It was moved by Zack, supported by Woodward, to reimburse the Drain Revolving Fund in the amount of \$1,008.

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.

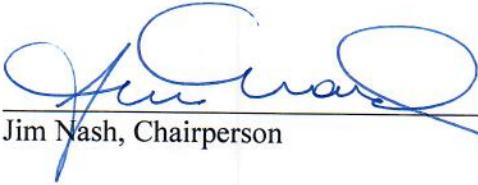


Jim Nash, Chairperson

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 O'Donoghue Drain, Oakland County, Michigan, held on the 19th day of May, 2020, 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 O'Donoghue Drain Drainage District.



Jim Nash, Chairperson

Dated: June 1 , 2020

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
O'Donoghue Drain

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

Date last assessment approved:	02/26/19	
Last Assessment:		\$4,261
Current Available Cash:		\$500

Expenditure History:	Fiscal Year	Amount
	2014	\$705
	2015	\$1,300
	2016	\$862
	2017	\$1,717
	2018	\$1,066
	2019	\$1,411
	2020	\$2,059
	2021 YTD	\$38

Estimated Expenditures:	Year	Amount
	2022	\$1,800
	2023	\$1,800
	2024	\$1,800
	Total	\$5,400

Recommended Assessment:

Current Cash Deficit	\$0
Total Anticipated Expenses 2022 - 2024	\$5,400
Proposed Special Maintenance Expenses	\$5,000

TOTAL RECOMMENDED ASSESSMENT	\$10,400
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Prepared by: <u>Michael R. McMahon</u>	Date: <u>10/26/2021</u>
Michael R. McMahon, P.E. - Chief Engineer	

Approved by: <u>Steven Korth</u>	Date: <u>Oct. 26, 2021</u>
Steven A. Korth, P.E. - Manager	

Note: Current Available Cash as of August 31, 2021, Fiscal Services Division Report.

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE O'DONOGHUE DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Southfield	85.8320%	\$ 8,926.53	\$ 8,926.53	-	-
County of Oakland	14.1680%	\$ 1,473.47	\$ 1,473.47	-	-
<hr/>					
Total	100.000%	\$ 10,400.00	\$ 10,400.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 9/1/1971.

Assessment Payment Due Date(s): Payment #1 11/30/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the O'Donoghue 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 O'Donoghue Drain

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

Jim Nash
Chairman of the Drainage Board for the O'Donoghue Drain

13. Joachim Relief Drain

AGENDA

DRAINAGE BOARD FOR THE JOACHIM DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of July 27, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$21,729.70
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

July 27, 2021

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

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held April 23, 2019 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 \$41,508 for the Joachim Relief Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$41,508 as presented.

ADOPTED: Yeas - 2
Nays - 0


A request for reimbursement of the Drain Revolving Fund in the amount of \$1,769.23 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the reimbursement of the Drain Revolving Fund in the amount of \$1,769.23.

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 Joachim Relief Drain, Oakland County, Michigan, held on the 27th day of July, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: July 27, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Sj Phelps

DATE: October 26, 2021

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 October 15, 2021.

Date	Ref No.	Paid To	For	Amount
10/15/2021	V # 1563684	Trojan Development Co	Invoice # 2117 - Contracted Services - 08/05/21- 09/01/21	\$ 8,268.19
	TBP	Hubbell Roth & Clark Inc	Invoice # 0191257 - Engineering Services - 09/30/2021	13,461.51
			Total	<u>\$ 21,729.70</u>

14. McCulloch Drain

AGENDA

DRAINAGE BOARD FOR THE MCCULLOCH DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices in the amount of \$14,276
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

September 21, 2021

A meeting of the Drainage Board for the McCulloch 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 21st day of September, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held February 23, 2021 were presented for consideration. It was moved by Markham, supported by Woodward, that the minutes be approved.

ADOPTED: Yeas - 3
Nays - 0

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

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$70,114 for the McCulloch Drain (as attached) were presented. It was moved by Markham, supported by Woodward, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$70,114 as presented.

ADOPTED: Yeas - 3
Nays - 0

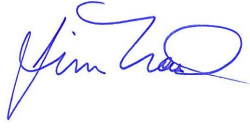
A request for approval for payment of invoices in the amount of \$14,050.55 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve payment of invoices in the amount of \$14,050.55.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

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 McCulloch Drain, Oakland County, Michigan, held on the 21st day of September, 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 McCulloch Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Shawn Phelps

DATE: October 26, 2021

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

Date	Ref No.	Paid To	For	Amount
	TBP	Fishbeck	Invoice # 404813 - Engineering Services - 10/01/21	\$ 3,885.00
	TBP	Fishbeck	Invoice # 401917 - Engineering Services - 06/11/21	10,391.00
			Total	\$ 14,276.00

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday October 26, 2021

15. Nelson Drain

AGENDA

DRAINAGE BOARD FOR THE NELSON DRAIN

October 26, 2021

1. Call meeting to order
2. Approve minutes of meeting of August 24, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$9,455.30
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

August 24, 2021

A meeting of the Drainage Board for the Nelson Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 2:00 p.m. on the 24th day of August, 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 July 28, 2020 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.

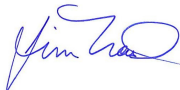
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$91,187 for the Nelson Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$91,187 as presented.

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.

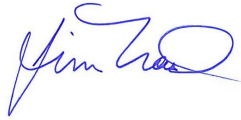


Jim Nash, Chairperson

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 Nelson Drain, Oakland County, Michigan, held on the 24th day of August, 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 Nelson Drain Drainage District.



Jim Nash, Chairperson

Dated: August 24, 2021

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

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

DATE: October 26, 2021

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 October 15, 2021.

<u>G/L Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
10/15/2021	V # 1563685	Trojan Development Co	Invoice # 2122 - Contracted Services - 08/23/21 - 09/1/21	\$ 9,455.30
			Total	\$ 9,455.30