

NOTICE OF MEETINGS
DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Drainage District Policy
2. Acacia Park CSO Drain
3. Birmingham CSO Drain
4. Bloomfield Village CSO Drain
5. Clinton River Water Resource Recovery Facility
6. George W. Kuhn Drain
7. Borden Drain
8. Donohue Drain
9. Hamilton Relief Drains
10. Roth Drain
11. Vogt Dain
12. Evergreen- Farmington Sanitary 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, NOVEMBER 16, 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 STEPHANIE LAJDZIAK AT LAJDZIAKS@OAKGOV.COM. PERSONS WITH DISABILITIES THAT NEED ASSISTANCE PARTICIPATING IN THE MEETING SHOULD CONTACT STEPHANIE LAJDZIAK AT LAJDZIAKS@OAKGOV.COM.

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

Posted by: NOVEMBER 12, 2021

November 16, 2021 Chapter 20
Tue, Nov 16, 2021 2:00 PM - 4:00 PM (EST)

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1. Drainage District Policy

AGENDA

DRAINAGE BOARD FOR POLICY MATTERS

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present proposed 2022 Meeting Schedule
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR POLICY MATTERS**

September 21, 2021

A meeting of the Drainage Board for Policy Matters 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

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 27, 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

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.

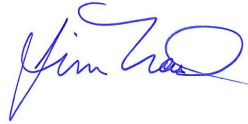


Jim Nash, Chairperson

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 Policy Matters, 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 Policy Matters.



Jim Nash, Chairperson

Dated: September 21, 2021



Chapter 20 Drainage Board 2022 Meeting Schedule

These meetings will take place at 2 p.m. in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan and/or virtually as provided by law due to the ongoing COVID-19 pandemic on the fourth Tuesday of each month unless otherwise indicated:

January 25th
February 22nd
March 22nd
April 26th
May 24th
June 28th
July 26th
August 23rd
September 27th
October 25th

*November 15th (third Tuesday due to Thanksgiving)

*December 13th (second Tuesday due to Christmas)



Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, November 16, 2021

2. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$29,732.38
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

October 26, 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 26th day of October, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held September 21, 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 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 was presented. It was moved by Markham, supported by Nash, to approve the 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 as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Brian Coburn, Chief Engineer, dated October 26, 2021, recommending the Board receive and file the RTB Capacity Use Credit Memorandum (as attached) for the fourth quarter FY2021 was presented for consideration. It was moved by Markham, supported by Nash, to receive and file the Memorandum regarding the RTB Capacity Use Credit.

ADOPTED: Yeas - 2
Nays - 0

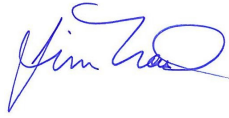
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$25,427.70 (as attached) was presented. It was moved by Markham, supported by Nash, to reimburse the Evergreen Farmington Fund in the amount of \$25,427.70.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

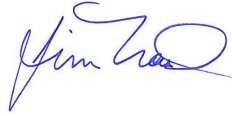


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Acacia Park CSO Drain, Oakland County, Michigan, held on the 26th day of October, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: October 26, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: November 16, 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 November 10, 2021

G/L Date	Ref No.	Paid To	For	Amount
10/31/2021	V # 1567446	Great Lakes Pump & Supply Co	Invoice # 14704 - Contracted Services	\$ 2,231.25
10/31/2021	V # 1567443	Alexander Chemical Corporation	Invoice # 46244 - Chlorination Supplies	8,589.13
			Total	<u>\$ 10,820.38</u>
10/31/2021	V # 1567452	Shaw Systems & Integration	Invoice # 910004836 - Contracted Services - Proj 1-3542	3,337.00
			Project # 1-3542 Subtotal	<u>\$ 3,337.00</u>
10/31/2021	V # 1566392	D'Angelo Brothers Inc	Invoice # 7954 - Contracted Services - Proj 1-3540	15,575.00
			Project # 1-3540 Subtotal	<u>\$ 15,575.00</u>
			Grand Total	<u>\$ 29,732.38</u>

3. Birmingham CSO

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$5,734.71
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

October 26, 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 26th day of October, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held September 21, 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 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 was presented. It was moved by Markham, supported by Nash, to approve the 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 as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Brian Coburn, Chief Engineer, dated October 26, 2021, recommending the Board receive and file the RTB Capacity Use Credit Memorandum (as attached) for the fourth quarter FY2021 was presented for consideration. It was moved by Markham, supported by Nash, to receive and file the Memorandum regarding the RTB Capacity Use Credit.

ADOPTED: Yeas - 2
Nays - 0

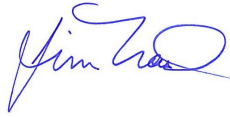
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$8,990.85 (as attached) was presented. It was moved by Markham, supported by Nash, to reimburse the Evergreen Farmington Fund in the amount of \$8,990.85

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.

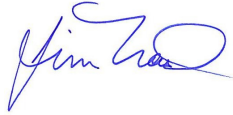


Jim Nash, Chairperson

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 Birmingham CSO Drain, Oakland County, Michigan, held on the 26th day of October, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: October 26, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: November 16, 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 November 10, 2021

<u>G/L Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
10/31/2021	V # 1567446	Great Lakes Pump & Supply Co	Invoice # 14704 - Contracted Services	\$ 2,231.25
10/31/2021	V # 1567448	JCI Jones Chemicals Inc	Invoice # 870522 - Chlorination Supplies	3,503.46
			Total	\$ 5,734.71

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, November 16, 2021

4. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
3. Public Comments
4. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$2,231.25
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

October 26, 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 26th day of October, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held September 21, 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 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 was presented. It was moved by Markham, supported by Nash, to approve the 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 as presented.

ADOPTED: Yeas - 2
Nays - 0

A memorandum from Brian Coburn, Chief Engineer, dated October 26, 2021, recommending the Board receive and file the RTB Capacity Use Credit Memorandum (as attached) for the fourth quarter FY2021 was presented for consideration. It was moved by Markham, supported by Nash, to receive and file the Memorandum regarding the RTB Capacity Use Credit.

ADOPTED: Yeas - 2
Nays - 0

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$16,494.14 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$16,494.14.

ADOPTED: Yeas - 2
Nays - 0

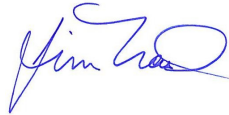
A request for reimbursement of the Evergreen Farmington Fund in the amount of \$31,807.12. (as attached) was presented. It was moved by Markham, supported by Nash, to reimburse the Evergreen Farmington Fund in the amount of \$31,807.12.

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.

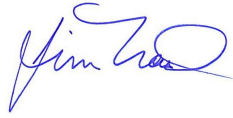


Jim Nash, Chairperson

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 Bloomfield Village CSO Drain, Oakland County, Michigan, held on the 26th day of October, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: October 26, 2021

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: November 16, 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 November 10, 2021

G/L Date	Ref No.	Paid To	For	Amount
10/31/2021	V # 1567446	Great Lakes Pump & Supply Co	Invoice # 14704 - Contracted Services	\$ 2,231.25
			Total	\$ 2,231.25

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

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
3. Public Comments
4. Present Memorandum from Michael Daniels, Chief WRC Water Resource Recovery, dated November 16, 2021 to approve the purchase of a motor replacement from York Repair, Inc. at a cost of \$16,874 and establish a non-purchasing contract with this company for future use
5. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$139,145.07
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**

October 26, 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 26th day of October, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held September 21, 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 request for Board approval of payment of invoices from the Construction Fund in the amount \$22,124.13 (as attached) was presented. It was moved by Markham, supported by Nash, that the invoices in the amount of \$22,124.13 be paid as presented.

ADOPTED: Yeas - 2
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 \$653,118.44 (as attached) was presented. It was moved by Markham, supported by Nash, that the invoices in the amount of \$653,118.44 be paid as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

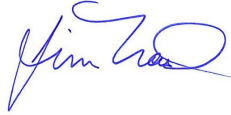
A handwritten signature in blue ink, appearing to read "Jim Nash". The signature is fluid and cursive, with a large loop at the end.

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 26th day of October, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: October 26, 2021

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

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

FROM: Michael Daniels, Chief WRC Water Resource Recovery

SUBJECT: CRWRRF – 150 Horsepower (HP) Motor Replacement

DATE: November 16, 2021

The Clinton River Water Resource Recovery Facility has been relying on a Baldor 150-Horsepower motor that operates a blower to provide necessary air to a specific treatment process responsible for meeting our discharge permit obligations. This treatment process requires air 24/7 and is dependent on the 19-year-old motor which operates approximately 95% of the time.

In September of 2021, the motor failed. After carefully considering whether to repair or replace the nearly two decades old motor, staff has concluded that replacement, at a cost of \$16,874, provides the most cost-effective solution. York Repair, Inc. from Bay City offered the lowest quote.

Because the repair cost is greater than 50% of the replacement cost, we recommend purchasing a new motor and would like to purchase it from York because it is \$2,856 less than American Electric Motor Company. Also, we have a purchasing System Contract with American Electric, but we would like to establish a non-purchasing contract with York.

Requested Action: Approve the purchase from York Repair, Inc. at a cost of \$16,874 and establish a non-purchasing contract with this company for future use.

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: November 16, 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 October 21, 2021 to November 10, 2021.

Payable To	Ref No.	For	Amount
USA Blue Book	Oct 2021 Pcard	Pcard - Lab Supplies	1,343.67
USA Blue Book	Oct 2021 Pcard	Pcard - Lab Supplies	3,528.45
USA Blue Book	Oct 2021 Pcard	Pcard - Lab Supplies	1,693.35
USA Blue Book	Oct 2021 Pcard	Pcard - Lab Supplies	2,051.17
USA Blue Book	Oct 2021 Pcard	Pcard - Lab Supplies	3,693.77
The Macomb Group, Inc	Oct 2021 Pcard	Pcard - Materials and Supplies	2,153.91
Ingersoll-Rand Industrial U.S. Inc	Oct 2021 Pcard	Pcard - Materials and Supplies	1,443.67
PVS Technologies Inc	TBP	Invoice # 298468 - Chemical Treatment	10,271.40
PVS Technologies Inc	TBP	Invoice # 298764 - Chemical Treatment	2,511.24
Clean Net of Greater Michigan, Inc	TBP	Invoice # DET0095788 - Contracted Services - September 2021	1,601.38
Clean Net of Greater Michigan, Inc	TBP	Invoice # DET0096326 - Contracted Services - October 2021	1,601.38
Clean Net of Greater Michigan, Inc	TBP	Invoice # DET0096868 - Contracted Services - November 2021	1,601.38
Eurofins TestAmerican, Michigan	V # 1565528	Invoice # 1900008406 - Laboratory Fees	1,360.70
HOH Water Technology	TBP	Invoice # 614204 - Contracted Services	1,700.00
HOH Water Technology	TBP	Invoice # 601865 - Contracted Services	1,700.00
Kennedy Industries	V # 1567450	Invoice # 627924 - Material and Supplies	1,890.00
Owen Tree Service	V # 1567451	Invoice # 165301 - Contracted Services	4,000.00
JCI Jones Chemicals Inc	TBP	Invoice # 870254 - Chemical Treatment	2,763.60
Polydyne Inc	TBP	Invoice # 1585464 - Chemical Treatment	5,336.00
Subtotal \$			52,245.07
Doublejack Electric Company, Inc	TBP	Invoice # 31756 - Project Construction - Proj #1-3084	\$ 77,200.00
Subtotal - Project 1-3084 \$			77,200.00
Seven Brothers Painting Inc	TBP	Invoice # 401891 - Contracted Services - Proj #1-3456	\$ 9,700.00
Subtotal - Project 1-3456 \$			9,700.00
Total \$			139,145.07

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, November 16, 2021

6. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
3. Public Comments
4. Present Memorandum from George P. Nichols, P.E., Civil Engineer III, dated November 16, 2021 requesting the Board to receive and file the letter and update from the U.S. Army Corps of Engineers for the Phase IV Sewer Video Project
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

October 26, 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 26th day of October, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held September 21, 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 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 was presented. It was moved by Markham, supported by Nash to approve \$25,000 of extra funding be added to the existing Drainage District UPS replacement project for a new total budget of \$55,000 as presented.

ADOPTED: Yeas - 2
Nays - 0

A request for approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$72,745.55 (as attached) was presented. It was moved by Markham, supported by Nash, to approve the payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$72,745.55.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

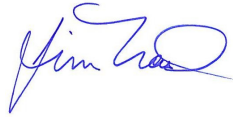
A handwritten signature in blue ink, appearing to read "Jim Nash". The signature is fluid and cursive, with a large loop at the end.

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 26th day of October, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: October 26, 2021

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

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

FROM: George P. Nichols, P.E., Civil Engineer III *GPN*

SUBJECT: George W. Kuhn Sewer Video Project – Phase IV Rehabilitation
U.S. Army Corps of Engineers

DATE: November 16, 2021

In May 2018, the Board authorized a total allocation of \$233,333 from the GWK Sewage Disposal Fund as part of an opportunity to capture funds from the U.S. Army Corps of Engineers for the Phase IV Sewer Video Project.

This project involved videotaping several drains within the district, including the Baldwin Drain, Berkley Drain, East Clawson Drain, Hubbard Crain, Lawson Drain, Marshall Drain, McClain Drain, Murry Drain, Schubiner Drain, Southfield Drain #6, and the Twelve Towns South Drain. It also included an analysis and inspection of the siphons under I-696 and I-75 which consisted of the Barry Drain, Clarkston Drain, Twelve Towns Relief Drain – Middle Section, Hubbard Branch of the Royal Oak Drain, Allen Branch of the Royal Oak Drain, Campbell Road Drain and Twelve Towns Relief Drain – South Section.

The attached letter is the formal notification from USACE that the project has been completed and a return of \$18,569.49 of unused funds is being returned to the GWK Drainage District. The check was received by our office and has been deposited back into the appropriate account.

Based on the reports and video tapes that were generated from this project, we will assess the need for future sewer rehabilitation projects and siphon cleaning operations.

Requested Action: Receive, Note and File



**DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
477 MICHIGAN AVENUE
DETROIT MI 48226-2550**

REPLY TO
ATTENTION OF

Programs and Project Management Branch

19 Oct 2021

Mr. George Nichols
George W. Kuhn Drainage District
One Public Works Drive
Waterford, MI 48328-1907

Dear Mr. Nichols,

Reference is made to the Project Partnership Agreement between the U.S. Army Corps of Engineers Detroit District (Detroit District USACE) and the George W. Kuhn Drainage District (GWK Drainage District), signed May 24, 2018, for design and construction assistance for the GWK Drain Sewer Video/Rehabilitation project. This letter is to formally notify you that all work as referenced in this agreement has been completed and final financial documentation has been prepared.

The total project costs are \$859,054.05. The GWK Drainage District provided \$233,333.00 to Detroit District USACE. The GWK Drainage District's 25% share is \$214,763.51. The Detroit District USACE has initiated the return of \$18,569.49 of unused funds to the GWK Drainage District.

Thank you for your participation in this project. Detroit District USACE looks forward to working with you on future projects. If you have any questions, please feel free to contact Mr. Paul Powell, Project Manager, at (313) 226-2094.

Sincerely,

Charles Gould, PMP
Acting Chief, Programs and Project Management



United States Treasury ¹⁵⁻⁵¹/₀₀₀

USACE FINANCE CENTER
MILLINGTON, TN

8736 - 01907611

Check No.



10-22-21

Pay to
the order of

RETNADV

11795

PAY EXACTLY \$*****18569AND49CTS

OAKLAND COUNTY WATER RESOURCES COMMISSIO
ATTN PHIL SANZKA
BLDG 95 WEST
ONE PUBLIC WORKS DRIVE
WATERFORD MI 48328-1907
H7

\$*****18569.49*
VOID AFTER ONE YEAR

Keith Hall

⑈87362⑈

⑆000000518⑆ 019076112⑈

Standard Form 1034 Revised October 1987 Department of the Treasury 1 TFM 4-2000	PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL	VOUCHER NO.
------------------------------------------------------------------------------------------	----------------------------------------------------------------------	-------------

U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION USACE FINANCE CENTER 5722 INTEGRITY DRIVE MILLINGTON, TN 38054-5005 H7 - DETROIT	DATE VOUCHER PREPARED 10/21/2021	SCHEDULE NO.
	CONTRACT NUMBER AND DATE	PAID BY TCHECK
	REQUISITION NUMBER AND DATE	11795

PAYEE'S NAME AND ADDRESS OAKLAND COUNTY WATER RESOURCES COMMISSIONER ATTN PHIL SANZKA BLDG 95 WEST ONE PUBLIC WORKS DRIVE WATERFORD, MI 48328-1907 (WQH0GV)	DATE INVOICE RECEIVED
	DISCOUNT TERMS
	PAYEE'S ACCOUNT NUMBER
	GOVERNMENT B/L NUMBER

SHIPPED FROM	TO	WEIGHT	GOVERNMENT B/L NUMBER
--------------	----	--------	-----------------------

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES <i>(Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)</i>	QUAN-TITY	UNIT PRICE		AMOUNT (1)
				COST	PER	
		RETURN OF EXCESS FUNDS COST SHARE#753/ADVANCE ACCT#510				
		GWK DRAIN SEWER VIDEO PROJECT	1	18569.49	1	18,569.49
		POC: KRISTEN MASSEY PHONE: 313-226-2245				

(Use continuation sheet(s) if necessary) **(Payee must NOT use the space below)** **TOTAL** 18,569.49

PAYMENT: <input type="checkbox"/> PROVISIONAL <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL <input type="checkbox"/> PROGRESS <input type="checkbox"/> ADVANCE	APPROVED FOR	EXCHANGE RATE	DIFFERENCES
	= \$	= \$1.00	
	BY 2		Amount verified; correct for payment
	TITLE	(Signature or initials)	

Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.

<u>10/21/2021</u> (Date)	<u>KEVIN J HEATH</u> (Authorized Certifying Officer) 2	<u>DISBURSING OFFICER</u> (Title)
-----------------------------	-----------------------------------------------------------	--------------------------------------

ACCOUNTING CLASSIFICATION
H7 96R8862 \$18,569.49

P A I D B Y	CHECK NUMBER	ON ACCOUNT OF U.S. TREASURY	CHECK NUMBER	ON (Name of bank)
	CASH	DATE	PAYEE 3	

1. When stated in foreign currency, insert name of currency.
 2. If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
 3. When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

PRIVACY ACT STATEMENT
 The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation.

USA Corps of Engineers
Finance Center
5722 Integrity Drive
Millington TN 38054-5005

Obli No 11795
Delivery order
Inv Ref No
Payment Date 10/22/2021
Pmt Method TCHEC

OAKLAND COUNTY WATER RESOURCES COMMISSIO
ATTN PHIL SANZKA
BLDG 95 WEST
ONE PUBLIC WORKS DRIVE
WATERFORD MI 48328-1907

H7

Pmt Amt 18569.49
Discount Amt
Interest Amt
Check/EFT no 1907611
Disb Station Symbol 8736

7. Borden Drain

AGENDA

DRAINAGE BOARD FOR THE BORDEN DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of April 27, 2021
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$38,063
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

April 27, 2021

A meeting of the Drainage Board for the Borden Drain was held at 2:00 p.m. on the 27th day of April, 2021. Due to the COVID-19 pandemic, the meeting was conducted electronically via GoToMeeting in accordance with PA 254 of 2020, as may be amended from time to time and/or as otherwise provided by law.

The meeting was called to order by the Chairperson. The Board indicated where they were physically located at the time of the meeting as follows:

PRESENT: Jim Nash, Oakland County Water Resources Commissioner, participating from Farmington Hills, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

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

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

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

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

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$8,400 for the Borden 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 \$8,400 as presented.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

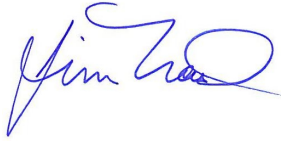
It was moved by Nash, supported by Markham, to certify attendance and authorize pro rata payment of \$25 per day to Ms. Markham.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

There being no further business, the meeting was adjourned.

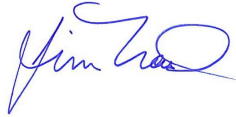
A handwritten signature in blue ink, appearing to read "Jim Nash". The signature is fluid and cursive, with the first name "Jim" and the last name "Nash" clearly distinguishable.

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 Borden Drain, Oakland County, Michigan, held on the 27th day of April, 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 Borden Drain Drainage District.



Jim Nash, Chairperson

Dated: May 7, 2021

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

Assessment for current fund deficit and special project expenses for fiscal years: 2021 through 2023

Date last assessment approved:	04/27/21	
Last Assessment:		\$8,400
Current Available Cash:		(\$29,663)

Expenditure History:	Fiscal Year	Amount
	2014	\$705
	2015	\$1,544
	2016	\$956
	2017	\$1,574
	2018	\$4,697
	2019	\$2,220
	2020	\$1,671

Estimated Expenditures:	Year	Amount
	2021	N/A
	2022	N/A
	2023	N/A
	Total	\$0

Recommended Assessment:

Current Cash Deficit*	\$29,663
Total Anticipated Expenses**	\$0
Additional Special Maintenance Project Expenses	\$8,400
TOTAL RECOMMENDED ASSESSMENT	\$38,063

*Current Cash Deficit reflects expenditures for a Special Maintenance Project - 2021 channel cleanout

** Anticipated Expenses for 2021-2023 were previously collected with the 4/27/2021 assessment

Prepared by: Michael R. McMahon Date: 11/16/2021
Michael R. McMahon, P.E. - Chief Engineer

Approved by: Steven Korth Date: Nov. 16, 2021
Steven A. Korth, P.E. - Manager

Note: Current Available Cash as of September 30, 2021, Fiscal Services Division Report.

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

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Rochester Hills	96.4900%	\$ 36,726.99	\$ 36,726.99	-	-
County of Oakland	1.4200%	\$ 540.49	\$ 540.49	-	-
State of Michigan	2.0900%	\$ 795.52	\$ 795.52	-	-
Total	100.000%	\$ 38,063.00	\$ 38,063.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 7/26/1988.

Assessment Payment Due Date(s): Payment #1 12/31/2021

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Borden Drain for the fiscal years 2021- 2023 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Borden Drain

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

Jim Nash
Chairman of the Drainage Board for the Borden Drain

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, November 16, 2021

8. Donohue Drain

AGENDA

DRAINAGE BOARD FOR THE DONOHUE DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of September 21, 2021
3. Public Comments
4. Present request for payment of invoices in the amount of \$5,440.42
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

September 21, 2021

A meeting of the Drainage Board for the Donohue 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 June 22, 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.

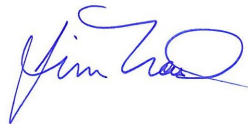
A request for approval of payment of invoices in the amount of \$5,440.42 (as attached) was presented. It was moved by Markham, supported by Woodward, to approve the payment of invoices in the amount of \$5,440.42.

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.

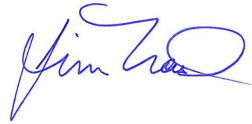


Jim Nash, Chairperson

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 Donohue 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 Donohue Drain Drainage District.



Jim Nash, Chairperson

Dated: September 21, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: November 16, 2021

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

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
9/29/2021	V #1559110	Trojan Development Company	Invoice # 2118 - Contracted Services	\$ 5,440.42
			Total	\$ 5,440.42

9. Hamilton Relief Drains

AGENDA

DRAINAGE BOARD HAMILTON RELIEF DRAINS

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of April 27, 2021
3. Public Comments
4. Present request for reimbursement of the Drain Revolving Fund in the amount of \$4,290
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE HAMILTON RELIEF DRAINS**

April 27, 2021

A meeting of the Drainage Board for the Hamilton Relief Drains was held at 2:00 p.m. on the 27th day of April, 2021. Due to the COVID-19 pandemic, the meeting was conducted electronically via GoToMeeting in accordance with PA 254 of 2020, as may be amended from time to time and/or as otherwise provided by law.

The meeting was called to order by the Chairperson. The Board indicated where they were physically located at the time of the meeting as follows:

PRESENT: Jim Nash, Oakland County Water Resources Commissioner, participating from Farmington Hills, Michigan.

Gwen Markham, Chairperson of the Finance Committee, Oakland County Board of Commissioners, participating from Novi, Michigan.

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

Minutes of the meeting held December 15, 2020 were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

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

A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$42,074 for the Hamilton Relief Drains (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 \$42,074 as presented.

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE


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

ROLL CALL VOTE:

NASH: AYE

MARKHAM: AYE

There being no further business, the meeting was adjourned.

A handwritten signature in blue ink, appearing to read "Jim Nash". The signature is fluid and cursive, with a large loop at the end.

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 Hamilton Relief Drains, Oakland County, Michigan, held on the 27th day of April, 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 Hamilton Relief Drains Drainage District.



Jim Nash, Chairperson

Dated: May 7, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: November 16, 2021

SUBJECT: Request for Reimbursement of Drain Revolving Fund

The following is a detail of Maintenance charges paid from the Drain Revolving Fund for the period ending November 10, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
4/30/2021	V # 1524484	D'Angelo Brothers Inc	Invoice # 7467 - Contracted Services	\$ 4,290.00
			Total	<u>\$ 4,290.00</u>

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday, November 16, 2021

10. Roth Drain

AGENDA

DRAINAGE BOARD FOR THE ROTH DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of August 24, 2021
3. Public Comments
4. Present request for reimbursement of the Drain Revolving Fund in the amount of \$3,442.35
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

August 24, 2021

A meeting of the Drainage Board for the Roth 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 June 19, 2012 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.

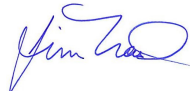
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$84,889 for the Roth Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$84,889 as presented.

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 Roth 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 Roth Drain Drainage District.



Jim Nash, Chairperson

Dated: August 24, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: November 16, 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 November 10, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
7/31/2020	V # 1457834	United Resource	Invoice #20-0029 - Contracted Services	\$ 3,087.05
9/30/2015	JE # 225738	Pontiac Clinton River 2	Allocation for Indirect Labor Illicit Connection Investigation	171.28
9/30/2015	JE # 225741	Pontiac Clinton River 2	Allocation for Contracted Services for Illicit Connection	184.02
			Total	\$ 3,442.35

11. Vogt Drain

AGENDA

DRAINAGE BOARD FOR THE VOGT DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of August 24, 2021
3. Public Comments
4. Present request for reimbursement of the Drain Revolving Fund in the amount of \$21,790.65
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

August 24, 2021

A meeting of the Drainage Board for the Vogt 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 January 23, 2018 were presented for consideration. It was moved by Markham, supported by Nash, that the minutes be approved.

ADOPTED: Yeas - 2
Nays - 0

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

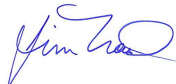
A Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$48,119 for the Vogt Drain (as attached) were presented. It was moved by Markham, supported by Nash, to adopt the Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$48,119 as presented.

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 Vogt 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 Vogt Drain Drainage District.



Jim Nash, Chairperson

Dated: August 24, 2021

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting 

DATE: November 16, 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 November 10, 2021.

<u>Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
1/31/2018	V # 1239287	V.I.L. Construction, Inc	Invoice # 9033 - Contracted Services	\$ 21,230.15
8/24/2020	V # 1463260	United Resource	Invoice # 20-0042- Contracted Services	560.50
			Total	\$ 21,790.65

**12. Evergreen-Farmington
Sanitary Drain**

AGENDA

DRAINAGE BOARD FOR THE EVERGREEN-FARMINGTON SANITARY DRAIN

November 16, 2021

1. Call meeting to order
2. Approve minutes of meeting of October 26, 2021
3. Public Comments
4. Present Memorandum from Kelsey Cooke, Attorney & Special Projects Manager, dated November 16, 2021 requesting the Board to authorize the expenditure of up to \$500,000 from the Drainage District's undesignated reserves for continued funding of the Middlebelt Transport and Storage Tunnel Project
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

October 26, 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 26th day of October, 2021.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

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

Minutes of the meeting held September 21, 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.

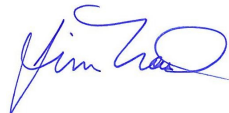
A memorandum from Carrie Cox, Chief Engineer WRC, dated October 26, 2021 requesting the Board approve the allocation of \$225,000 in Capital Improvement Funds for the replacement and communication upgrades of the 3G Sewer Flow Meters was presented. It was moved by Markham, supported by Nash, to approve the allocation of \$225,000 in Capital Improvement Funds for the replacement and communication upgrades of the 3G Sewer Flow Meters as presented.

ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2
Nays - 0

There being no further business, the meeting was adjourned.

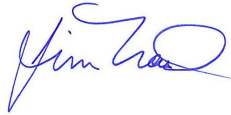


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board for the Evergreen-Farmington Sanitary Drain, Oakland County, Michigan, held on the 26th day of October, 2021, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: October 26, 2021

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

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

FROM: Kelsey Cooke, Attorney & Special Projects Manager

SUBJECT: Middlebelt Tunnel Project Fund

DATE: November 16, 2021

Because Wade Trim Associates, Inc. initiated a lawsuit against the Office of the Water Resources Commissioner, the Evergreen-Farmington Sanitary Drain Drainage District needs to expend funds from its undesignated reserves for continued defense of this litigation. As you may recall, Wade Trim filed its lawsuit in 2018 after the WRC refused to pay a portion of its fee citing Wade Trim's failure to satisfactorily design the Middlebelt Transport and Storage Tunnel project in Farmington Hills. The project's funding is authorized by a March 4, 2014, contractual agreement between Oakland County, Farmington Hills, Keego Harbor, Orchard Lake Village, and West Bloomfield Township. These four municipalities are wholly responsible for the cost of the project.

To date, the project cost is approximately \$40.9 million. About \$184,000 remains in the project fund and it is likely that figure will be exceeded. The contract authorizes expenditures of up to \$46.6 million. It's important to emphasize, however, that all costs expended in excess of the project fund will be recovered as part of this litigation and will be returned to the Drainage District.

Background

In March of 2014 when the four municipalities authorized the construction of the 3.6 million-gallon, 2.5-mile-long tunnel, the WRC hired Wade Trim to design the project. A critical component of the design is recognizing the potential that residential wells in the area may be impacted. Six months later, the dewatering component of the project began, and residential wells started to fail leaving many homes without drinking water. Initially, Wade Trim said fewer than 12 wells might be impacted by the project. In actuality, the number ballooned to more than 80. Investigation into the cause of the dewatering revealed that Wade Trim had seriously misjudged the soil conditions and the aquifer. To avoid jeopardizing even more wells, losing the tunnel boring machine, and harming tunneling workers, the original design was significantly changed to the extent that by March of 2016, when construction finally ended, the tunnel was 1,640 feet shorter than originally planned. Additionally, the intended capacity was reduced by 800,000 gallons to 2.8 million gallons.

It was agreed that costs associated with the impact of dewatering and the project's redesign would be held in abeyance. Nevertheless, on May 21, 2018, Wade Trim filed its lawsuit claiming breach of contract and unjust enrichment in the amount of \$1.1 million for unpaid project costs. In response, the WRC filed a counterclaim seeking more than \$13 million to offset the additional project costs. Included in that figure were costs incurred due to the shortened tunnel and the costs of managing and addressing the barrage of damaged residential wells. It is anticipated that this litigation will continue through 2022 and into 2023.

Recommended Action: Authorize the expenditure of up to \$500,000 from the Drainage District's undesignated reserves for continued funding of the Middlebelt Transport and Storage Tunnel Project.