

NOTICE OF MEETINGS

DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Acacia Park CSO Drain
2. Birmingham CSO Drain
3. Bloomfield Village CSO Drain
4. City of Pontiac Wastewater Treatment Facility
5. Clinton River Water Resource Recovery Facility
6. George W. Kuhn Drain
7. Nelson Drain
8. Wilmont Drain
9. Edwards Drain
10. King Drain
11. Rummell Relief Drain

NOTICE IS HEREBY GIVEN THAT MEETINGS OF THE DRAINAGE BOARD FOR THE ABOVE-MENTIONED DRAINS WILL COMMENCE AT **2:00 P.M.**, ON **TUESDAY, JULY 28, 2020** VIA GOTOMEETING. THOSE THAT WISH TO PARTICIPATE MAY FOLLOW THE INSTRUCTIONS ATTACHED TO THIS NOTICE.

THIS BOARD MEETING IS BEING CONDUCTED ELECTRONICALLY UNDER THE GOVERNOR'S EXECUTIVE ORDERS DUE TO THE COVID-19 PANDEMIC.

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: July 24, 2020

Chapter 20 Meeting - July 28, 2020
Tue, Jul 28, 2020 2:00 PM - 4:00 PM (EDT)

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

<https://global.gotomeeting.com/join/810136117>

You can also dial in using your phone.

(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (872) 240-3212

- One-touch: <tel:+18722403212,,810136117#>

Access Code: 810-136-117

Join from a video-conferencing room or system.

Dial in or type: 67.217.95.2 or inroomlink.goto.com

Meeting ID: 810 136 117

Or dial directly: 810136117@67.217.95.2 or 67.217.95.2##810136117

Chapter 20 Drainage Board Meeting
Regular Meeting – Tuesday July 28, 2020

1. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of June 23, 2020
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the third quarter FY 2020
5. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$9,265.86
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$22,553.28
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**

June 23, 2020

A meeting of the Drainage Board for the Acacia Park CSO Drain was held at 2:00 p.m. on the 23rd of June, 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

ABSENT: None

Minutes of the meeting held May 19, 2020 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 Memorandum from John Basch, Senior Attorney, dated June 23, 2020 recommending the Board adopt a resolution to allow the district to share its GIS data with SEMCOG to advance the goals of the regional asset management program was presented. It was moved by Zack, supported by Nash, to approve the resolution as presented.

ADOPTED: Yeas - 2
Nays - 0

Commissioner Woodward entered the meeting.

A Memorandum from Jason Say, P.E., dated June 23, 2020 recommending the Board authorize Oakland County IT and Oakland County WRC to perform internet service upgrades at the retention treatment facility was presented. It was moved by Zack, supported by Woodward, to approve the internet service upgrades as presented.

ADOPTED: Yeas - 3
Nays - 0


A request for reimbursement of the Evergreen Farmington Fund in the amount of \$27,007.92 (as attached) was presented. It was moved by Zack, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$27,007.92.

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.

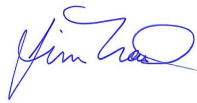


Jim Nash, Chairperson

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 Acacia Park CSO Drain, Oakland County, Michigan, held on the 23rd day of June, 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 Acacia Park CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: July 13, 2020

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
Third Quarter, FY 2020
April, May, June 2020

DATE: July 28, 2020

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 (\$13.45 Per MCF)	BIRMINGHAM CSO TOTAL MCF	BIRMINGHAM CREDIT (\$13.45 Per MCF)	BLOOMFIELD VLG CSO TOTAL MCF	BLOOMFIELD VLG CREDIT (\$13.45 Per MCF)
05/14/20 - 05/14/20	0.0	\$ -	57.3	\$ 770.69	0.0	\$ -
05/15/20 - 05/15/20	0.0	\$ -	69.9	\$ 940.16	0.0	\$ -
05/18/20 - 05/19/20	331.2	\$ 4,454.64	0.0	\$ -	433.5	\$ 5,830.58
05/18/20 - 05/20/20	0.0	\$ -	679.8	\$ 9,143.31	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
Total Credit Q3, FY 2020:		\$ 4,454.64		\$ 10,854.15		\$ 5,830.58

Approved by: 

Date: 7/13/2020

c: Olivia Olsztyn-Budry: Oolsztyn-Budry@bloomfieldtwp.org
Austin Fletcher: afletcher@bhamgov.org
Karyn Stickel: Kstickel@hrc-eng.com

Interoffice:
J. Ragle
T. Prince
G. Nigro
K. Smith
T. Keyes-Bowie

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
OCWRC Accounting



DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices
for the period ending July 17, 2020.

G/L Date	Ref No.	Paid To	For	Amount
	TBP	Pro-Seal Service Group	Invoice # 202683 - Contracted Services	1,175.86
6/30/2020	V # 1451400	ICS Integration Services LLC	Invoice # 1770 - Contracted Services	1,783.99
6/24/2020	JE # 337125	Meadowbrook Insurance	Invoice # 3767 - FY 2020 Insurance Allocation	6,306.01
			Total	<u>\$ 9,265.86</u>

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 *S. Phelps*

DATE: July 28, 2020

SUBJECT: Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund
for the period ending July 17, 2020.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
06/30/20	JE# 337486	June 2020 Storm Water Flow Charges	\$27,007.92
		RTB Capacity Use (O & M Credit)	(\$4,454.64)
			<u>\$22,553.28</u>

2. Birmingham CSO

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of June 23, 2020
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the third quarter FY 2020
5. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$9,628.96
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$18,747.85
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**

June 23, 2020

A meeting of the Drainage Board for the Birmingham CSO Drain was held at 2:00 p.m. on the 23rd of June, 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

ABSENT: None

Minutes of the meeting held May 19, 2020 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 Memorandum from John Basch, Senior Attorney, dated June 23, 2020 recommending the Board adopt a resolution to allow the district to share its GIS data with SEMCOG to advance the goals of the regional asset management program was presented. It was moved by Zack, supported by Woodward, to approve the resolution as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Jason Say, P.E., dated June 23, 2020 recommending the Board authorize Oakland County IT and Oakland County WRC to perform internet service upgrades at the retention treatment facility was presented. It was moved by Zack, supported by Woodward, to approve the internet service upgrades as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$3,628.40 (as attached) was presented. It was moved by

Zack, supported by Woodward, that the invoices in the amount of \$3,628.40 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for reimbursement of the Evergreen Farmington Fund in the amount of \$29,602 (as attached) was presented. It was moved by Zack, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$29,602.

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 Birmingham CSO Drain, Oakland County, Michigan, held on the 23rd day of June, 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 Birmingham CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: July 13, 2020

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
Third Quarter, FY 2020
April, May, June 2020

DATE: July 28, 2020

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 (\$13.45 Per MCF)	BIRMINGHAM CSO TOTAL MCF	BIRMINGHAM CREDIT (\$13.45 Per MCF)	BLOOMFIELD VLG CSO TOTAL MCF	BLOOMFIELD VLG CREDIT (\$13.45 Per MCF)
05/14/20 - 05/14/20	0.0	\$ -	57.3	\$ 770.69	0.0	\$ -
05/15/20 - 05/15/20	0.0	\$ -	69.9	\$ 940.16	0.0	\$ -
05/18/20 - 05/19/20	331.2	\$ 4,454.64	0.0	\$ -	433.5	\$ 5,830.58
05/18/20 - 05/20/20	0.0	\$ -	679.8	\$ 9,143.31	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
Total Credit Q3, FY 2020:		\$ 4,454.64		\$ 10,854.15		\$ 5,830.58

Approved by: 

Date: 7/13/2020

c: Olivia Olsztyn-Budry: Oolsztyn-Budry@bloomfieldtwp.org
Austin Fletcher: afletcher@bhamgov.org
Karyn Stickel: Kstickel@hrc-eng.com

Interoffice:
J. Ragle
T. Prince
G. Nigro
K. Smith
T. Keyes-Bowie

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
OCWRC Accounting

Sj Phelps

DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices
for the period ending July 17, 2020

G/L Date	Ref No.	Paid To	For	Amount
	TBP	Pro-Seal Service Group	Invoice # 202683 - Contracted Services	\$ 1,175.85
6/30/2020	V # 1451408	ICS Integration Services LLC	Invoice # 1772 - Contracted Services	1,783.99
6/24/2020	JE # 337125	Meadowbrook Insurance	Invoice # 3767 - FY 2020 Insurance Allocation	6,669.12
			Total	<u>\$ 9,628.96</u>

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: July 28, 2020

SUBJECT: Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund
for the period ending July 17, 2020.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
06/30/20	JE# 337486	June 2020 Storm Water Flow Charges	\$29,602.00
		RTB Capacity Use (O & M Credit)	(\$10,854.15)
			<u><u>\$18,747.85</u></u>

3. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

June 23, 2020

1. Call meeting to order
2. Approve minutes of meeting of May 19, 2020
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the third quarter FY 2020
5. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$12,895.60
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$30,141.84
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

June 23, 2020

A meeting of the Drainage Board for the Bloomfield Village CSO Drain was held at 2:00 p.m. on the 23rd of June, 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

ABSENT: None

Minutes of the meeting held May 19, 2020 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 Memorandum from John Basch, Senior Attorney, dated June 23, 2020 recommending the Board adopt a resolution to allow the district to share its GIS data with SEMCOG to advance the goals of the regional asset management program was presented. It was moved by Zack, supported by Woodward, to approve the resolution as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Jason Say, P.E., dated June 23, 2020 recommending the Board authorize Oakland County IT and Oakland County WRC to perform internet service upgrades at the retention treatment facility was presented. It was moved by Zack, supported by Woodward, to approve the internet service upgrades as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Brian Coburn, P.E., Chief Engineer, dated June 23, 2020 recommending the Board approve the agreement between the Evergreen Farmington Sewage Disposal System and the Bloomfield Village Retention Treatment Basin to allow the use of

the basin by the sewage disposal system during wet weather and authorize the Chairperson of the Board to execute the agreement was presented. It was moved by Zack, supported by Woodward, to approve the agreement and authorize the Chairperson to execute said agreement as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund in the amount of \$3,189.30 (as attached) was presented. It was moved by Zack, supported by Woodward, that the invoices in the amount of \$3,189.30 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for reimbursement of the Evergreen Farmington Fund in the amount of \$35,972.42 (as attached) was presented. It was moved by Zack, supported by Woodward, to reimburse the Evergreen Farmington Fund in the amount of \$35,972.42.

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 Bloomfield Village CSO Drain, Oakland County, Michigan, held on the 23rd day of June, 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 Bloomfield Village CSO Drain Drainage District.



Jim Nash, Chairperson

Dated: July 13, 2020

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
Third Quarter, FY 2020
April, May, June 2020

DATE: July 28, 2020

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 (\$13.45 Per MCF)	BIRMINGHAM CSO TOTAL MCF	BIRMINGHAM CREDIT (\$13.45 Per MCF)	BLOOMFIELD VLG CSO TOTAL MCF	BLOOMFIELD VLG CREDIT (\$13.45 Per MCF)
05/14/20 - 05/14/20	0.0	\$ -	57.3	\$ 770.69	0.0	\$ -
05/15/20 - 05/15/20	0.0	\$ -	69.9	\$ 940.16	0.0	\$ -
05/18/20 - 05/19/20	331.2	\$ 4,454.64	0.0	\$ -	433.5	\$ 5,830.58
05/18/20 - 05/20/20	0.0	\$ -	679.8	\$ 9,143.31	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
	0.0	\$ -	0.0	\$ -	0.0	\$ -
Total Credit Q3, FY 2020:		\$ 4,454.64		\$ 10,854.15		\$ 5,830.58

Approved by: 

Date: 7/13/2020

c: Olivia Olsztyn-Budry: Oolsztyn-Budry@bloomfieldtwp.org
Austin Fletcher: afletcher@bhamgov.org
Karyn Stickel: Kstickel@hrc-eng.com

Interoffice:
J. Ragle
T. Prince
G. Nigro
K. Smith
T. Keyes-Bowie

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: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund and Invoices
for the period ending July 17, 2020

G/L Date	Ref No.	Paid To	For	Amount
	TBP	Pro-Seal Service Group	Invoice # 202683 - Contracted Services	\$ 1,175.85
6/30/2020	V # 1451406	ICS Integration Services LLC	Invoice # 1771 - Contracted Services	1,783.99
6/24/2020	JE # 337125	Meadowbrook Insurance	Invoice # 3767 - FY 2020 Insurance Allocation	9,935.76
			Total	<u>\$ 12,895.60</u>

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

S. Phelps

DATE: July 28, 2020

SUBJECT: Request for Reimbursement of Evergreen Farmington Fund

The following is a detail of charges paid from the Evergreen Farmington Fund
for the period ending July 17, 2020.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
06/30/20	JE# 337486	June 2020 Storm Water Flow Charges	\$35,972.42
		RTB Capacity Use (O & M Credit)	(\$5,830.58)
			<u>\$30,141.84</u>

**4. City of Pontiac
Wastewater Treatment Facility**

AGENDA

DRAINAGE BOARD FOR THE CITY OF PONTIAC WASTEWATER TREATMENT FACILITY

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of March 24, 2020
3. Public Comments
4. Present Final Construction Estimate No. 12 for Barton Marlow Company for a reserve payment to the Contractor in the amount of \$30,170.30
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

**MINUTES OF THE MEETING OF THE DRAINAGE BOARD
FOR THE CITY OF PONTIAC WASTEWATER TREATMENT FACILITY**

March 24, 2020

A meeting of the Drainage Board for the City of Pontiac Wastewater Treatment Facility was held via teleconference due to the COVID-19 pandemic at 2:00 p.m. on the 24th day of March, 2020.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

David Woodward, Chairperson of the Oakland County Board of Commissioners

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

ABSENT: None

Minutes of the meeting held February 25, 2020 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 Memorandum from Jared Buzo, P.E., Operations Engineer, dated March 24, 2020, recommending the Board authorize the transfer of \$1,500,000 from the Drainage District to the Clinton River Water Resources Recovery Facility was presented. It was moved by Woodward, supported by Zack, to approve the transfer as presented.

ADOPTED: Yeas - 3
Nays - 0

A Debt Assessment Recommendation and Special Assessment Roll in the amount of \$3,065,035 for the City of Pontiac Wastewater Treatment Facility (as attached) were presented. It was moved by Zack, supported by Woodward, to adopt the Debt Assessment Recommendation and Special Assessment Roll in the amount of \$3,065,035 as presented.

ADOPTED: Yeas - 3
Nays - 0

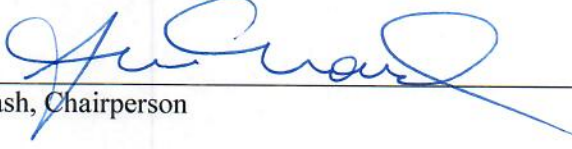
A request for reimbursement of the Drain Revolving Fund in the amount of \$97.50 (as attached) was presented. It was moved by Zack, supported by Nash, to reimburse the Drain Revolving Fund in the amount of \$97.50.

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 Mr. Woodward and Ms. Zack.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

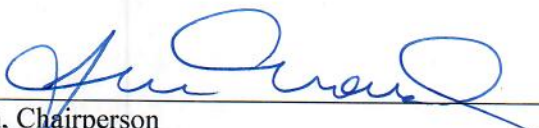


Jim Nash, Chairperson

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 City of Pontiac Wastewater Treatment Facility, Oakland County, Michigan, held on the 24th day of March, 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 of the City of Pontiac Wastewater Treatment Facility Drainage District.



Jim Nash, Chairperson

Dated: April 8, 2020

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

TO: Jim Nash, Chairman
Drainage Board for the City of Pontiac Wastewater Treatment Facility Drainage District

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

SUBJECT: Final Payment to Contractor for the Design Build Pontiac WWTP Aeration Tank Repair Project
(Project No. 1-2627)

DATE: July 28, 2020

Construction of the Design Build Pontiac WWTP Aeration Tank Repair Project has been completed in accordance with the requirements of the contract documents. There are no unresolved complaints regarding this project. The contractor, Barton Malow Company has requested final payment to release the remaining retainage on the contract. Attached are the following:

1. Final Payment Form DC-113.
2. Contractor's request for final payment dated February 10, 2020.
3. Contractor's Declaration dated February 10, 2020.
4. Contractor's Affidavit dated July 17, 2020.
5. Contractor's Sworn Statement dated February 10, 2020.
6. Consent of Surety to Final Payment dated February 19, 2019 with Power of Attorney.
7. Unconditional Waiver and Release on Final Payment (Waivers of Lien) from the following subcontractors and suppliers: Titus Welding Company Inc, FM Sylvan Inc, Hubbell Roth & Clark Inc, HM Environmental Services, Inc.
8. Copy of the Performance, Labor and Materials, Maintenance and Guarantee Bonds dated December 05, 2017 and Power of Attorney.
9. Contractor Evaluation Form DC-384 dated July 17, 2020.
10. Proof of permit closeout from MDEQ-EGLE.
11. WRC Project Construction Closeout Checklist.

It is my recommendation that final payment in the amount indicated on Page 1 of 1 of the Final Payment Form DC-113 be issued to Barton Malow Company.



Razik Alsaigh, P.E.
Civil Engineer III

Jim Nash, Oakland County Water Resources Commissioner
Design Build Pontiac WWTP Aeration Tank Repair Project
City of Pontiac, Oakland County, MI

Regular Construction Estimate No. 12 FinalContractor

Barton Malow Company
 26500 American Dr Suite 451
 Southfield MI 48034

Department No.: 6010101
 Fund No.: 82534
 Project No.: 100000002627
 Account No.: 731472
 Program No.: 149667
 Activity: FAC
 Purchasing Contract No.: 5311

Substantial Completion Date: June 8, 2018
 Extended to: July 30, 2018

Notice to Proceed December 11, 2017
 Final Completion Date: June 29, 2018
 Extended to: September 14, 2018

Original Contract Amount: 5,466,969.00

Previous Change Orders: 346,047.51
 Numbers: (One through Eight)

Change Orders This Estimate: 319,982.29
 Numbers: Nine through Twelve (final)

Total Net Change Orders: 666,029.80

Adjusted Contract Amount: 6,132,998.80

Sub-Total To Date: (Sheet 2 of 2 Column 7) \$6,132,998.80

Less Deductions: (Sheet 2 of 2 Column 7) \$ -

Gross Estimate: (Work in Place) 100.00% \$ 6,132,998.80

Less Amount Reserved: (10% of 1/2 Adjusted Contract Amount) \$ -

Total Amount Allowed To Date: \$ 6,132,998.80

Less Previous Estimates: \$ 6,102,828.50

Net Payment Request To Be Paid To Contractor: \$ (0.00)

Reserve Payment to Contractor \$ 30,170.30

Balance of Contract To Date \$ 0.00 Accounting Auditor: *jlb*

Amount To Be Reserved (From Above) \$ -

Less Previous Transfers To Reserve: \$ 30,170.30

Amount of Current Transfer: \$ (30,170.30)

Prepared by: *Razik*
 Razik Alsaigh, P.E. - Project Engineer

Date: *07/17/2020*

Recommended by: _____ NA
 NTH Consultant

Date: *NA*

Approved by: _____
 Gary Nigro - Chief Engineer

Date: _____

Approved by: _____
 Sid Lockhart, P.E. - Special Projects Manager

Date: _____

Regular Construction Estimate No. 12 Final

Approved By Board On: _____

5. Clinton River Water Resource Recovery Facility

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of June 23, 2020
3. Public Comments
4. Present Memorandum recommending the Board approve the allocation of \$440,000 in Capital Improvement Funds for the Pilot Digestion and Electrical Improvements Project
5. Present Memorandum recommending the Board approve the allocation of \$4,700 in Major Maintenance Funds for Disinfection Tanks Inspection
6. Present Memorandum recommending the Board receive and file the Annual Asset Management Plan
7. Present Change Order No. 40 for Toolles Contracting Group LLC for a net increase in the amount of \$33,304
8. Present Change Order No. 41 for Toolles Contracting Group LLC for a net decrease in the amount of \$2,000
9. Present Construction Estimate No. 34 for Toolles Contracting Group LLC in the amount of \$75,252.32
10. Present Construction Estimate No. 14 for Frank Rewold and Son, Inc. in the amount of \$156,493.40 a transfer of \$18,492.45 to the Oakland County Treasurer
11. Present request for Board approval of payment of invoices from the Construction Fund in the amount \$11,411.68
12. Present request for Board approval of payment of invoices and reimbursement of the Drain Revolving Fund from the Maintenance Fund in the amount of \$182,961.66
13. Other business
14. Approve pro rata payment to Drainage Board members
15. Adjourn

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

June 23, 2020

A meeting of the Drainage Board for the Clinton River Water Resource Recovery Facility was held at 2:00 p.m. on the 23rd of June, 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

ABSENT: None

Minutes of the meeting held May 19, 2020 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 Memorandum from John Basch, Senior Attorney, dated June 23, 2020 recommending the Board adopt a resolution to allow the district to share its GIS data with SEMCOG to advance the goals of the regional asset management program was presented. It was moved by Zack, supported by Woodward, to approve the resolution as presented.

ADOPTED: Yeas - 3
 Nays - 0

A Memorandum from Razik Alsaigh, P.E., dated June 23, 2020 recommending the Board approve the additional cost to extend project insurance coverage for the Bio-Solids Handling & Septage Receiving Facility Project to December 12, 2020 in the amount of \$94,104 was presented. It was moved by Zack, supported by Woodward, to approve the additional cost to extend project insurance as presented.

ADOPTED: Yeas - 3
 Nays - 0

A Memorandum from Mary Koeger, P.E., Operations Engineer, dated June 23, 2020 recommending the Board approve the allocation of \$380,000 in Capital Improvement funds

for the sodium hypochlorite line replacement project was presented. It was moved by Zack, supported by Woodward, to approve the allocation of \$380,000 in Capital Improvement funds as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Mary Koeger, P.E., Operations Engineer, dated June 23, 2020 recommending the Board approve the allocation of \$280,000 in Capital Improvement funds for emergency pipe replacement and surge protection installation was presented. It was moved by Zack, supported by Woodward, to approve the allocation of \$280,000 in Capital Improvement funds as presented.

ADOPTED: Yeas - 3
Nays - 0

Dave Parry of Jacobs provided a thorough presentation to the Board regarding the pilot digestion and electrical improvements project (as attached). It was moved by Zack, supported by Woodward, to receive and file the presentation.

ADOPTED: Yeas - 3
Nays - 0

Change Order No. 39 for Toolles Contracting Group LLC for a net decrease in the amount of \$3,438.16 (as attached) was presented. It was moved by Zack, supported by Woodward, to approve Change Order No. 39 for a net decrease in the amount of \$3,438.16 as presented.

ADOPTED: Yeas - 3
Nays - 0

Construction Estimate No. 33 for Toolles Contracting Group LLC in the amount of \$93,805.39 (as attached) was presented. It was moved by Zack, supported by Woodward, to approve Construction Estimate No. 33 in the amount of \$93,805.39 as presented.

ADOPTED: Yeas - 3
Nays - 0

Construction Estimate No. 13 for Frank Rewold and Son, Inc. in the amount of \$39,679.71 (as attached) was presented. It was moved by Zack, supported by Woodward, to approve Construction Estimate No. 13 in the amount of \$39,679.71 as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for Board approval of payment of invoices from the Construction Fund in the amount of \$16,236.78 (as attached) was presented. It was moved by Zack, supported by Woodward, that the invoices in the amount of \$16,236.78 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 \$332,345.21 (as attached) was presented. It was moved by Zack, supported by Woodward, that the invoices in the amount of \$332,345.21 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.



Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board of the Clinton River Water Resource Recovery Facility, Oakland County, Michigan, held on the 23rd day of June, 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 Clinton River Water Resource Recovery Facility Drainage District.



Jim Nash, Chairperson

Dated: July 13, 2020

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

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

FROM: Mary Koeger, P.E., Operations Engineer

SUBJECT: CRWRRF – Pilot Digestion and Electrical Improvements Project

DATE: July 17, 2020

This project is to evaluate the improvements to the digestion performance at Clinton River Water Resource Recovery Facility (CRWRRF) through the testing and basis of design for the digester system, cogeneration system and electrical system. The design of the cogeneration system will be coordinated with the design of the electrical system improvements, and the C. Bescii (CBHP) will be piloted to more accurately define its effect on biogas production and biosolids reduction.

This is of interest due to the potential cost savings and additional biogas production. If the pilot is successful, C. Bescii has the potential in reducing operating costs with the reduction of solids and increased biogas production. The cogeneration system can reduce electrical power costs through being biogas fueled while providing heat for the thermal hydrolysis process (THP).

In addition, the aim is to also improve the electrical systems because they are outdated and have reached the end of their useful life where parts to repair the system are no longer available. The improved system would eliminate the need for multiple backup generators, provide improved system maintenance, and be more reliable in providing backup power.

A presentation on the scope of the project was presented by Jacobs on June 23rd, 2020 with the aim of starting work August 2020. The proposal for the work involved in the project is attached.

This work is included in the CRWRRF long range plan for fiscal year 2021.

The total expected project cost, including design and construction, is shown below:

Jacobs Pilot and Design Fee:

Task No	Task Description	Fee
1	Pilot Planning	\$ 38,246.00
2	Pilot Modifications & Start-up	\$ 59,677.00
3	Pilot Testing	\$ 91,427.00
4	Decommissioning/Demobilization	\$ 10,258.00
5	Pilot Test Reports	\$ 16,383.00
6	Basis of Design – Digester System	\$ 39,449.00
7	Basis of Design – Cogeneration System	\$ 21,431.00
8	Basis of Design – Electrical System	\$ 60,042.00
9	Project Management	\$ 25,507.00
10	Quality Control	\$ 8,968.00
	Jacobs' Total	\$371,400.00

Total Estimated Project Cost:

Jacobs' Pilot and Design	\$371,400.00
WRC Labor	\$ 43,600.00
Contingency (10% Pilot & WRC Labor)	\$ 25,000.00
Total	\$440,000.00

This total does not include any potential future construction costs.

We recommend proceeding with the testing and design of the CBHP and design of the cogeneration and electrical systems for CRWRRF.

Requested Action: Approve the allocation of \$440,000 in Capital Improvement funds for this project.

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

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

FROM: Mary Koeger, P.E., Operations Engineer

SUBJECT: CRWRRF – Disinfection Tanks Inspection

DATE: July 20, 2020

The Clinton River Water Resource Recovery Facility (CRWRRF) currently uses two fiberglass reinforced plastic (FRP) vertical storage tanks for Sodium Hypochlorite and Sodium Bisulfite solution storage. Sodium Hypochlorite and Sodium Bisulfite are used as part of the disinfection process for CRWRRF. The two tanks have not been inspected in over 10 years. Best management practice (BMP) recommendation is that the tanks are inspected every 5 years.

The inspection of these tanks was included in the FY 2020 WWTP Planned Major Maintenance budget.

Ultimate Corrosion Control's (UCC) proposal to perform the required inspections in the amount of \$4,700.00 is attached. UCC has previously performed inspections for FRP tanks located at all of WRC's Retention Basins.

We recommend proceeding with the inspection of the two FRP tanks at the CRWRRF.

Requested Action: Approve the allocation of \$4,700 in Major Maintenance funds for Ultimate Corrosion Control to inspect the two FRP storage tanks.



June 4, 2020

Water Resources Commissioner
One Public Works Drive
Building 95 West
Waterford, MI 43328

Attention: Mary Koeger

Reference: FRP Vertical Storage Tanks
Pontiac – Two (2) Tanks

Subject: Quotations for:
-Final rinse and drying
- Inspection of all internal surfaces
- Reports of the Tanks Conditions

Madam,

Ultimate Corrosion Control Inc. is pleased to present this proposal and cost estimate on the above referenced project. Ultimate Corrosion Control Inc. is confident of its ability to complete this work in a timely, cost effective and safe manner. In preparing this estimate, we have relied upon our past experience gained through the completion of many projects. Our quality of service and safety speaks for itself.

The scope of work, our technical approaches, health and safety, and cost associated with this project are outlined below for your approval.

Technical Approach

Ultimate Corrosion Control Inc. shall mobilize the primary personnel and equipment needed for this project from our Clarkston, Michigan Facility.

Upon notice of approval of the necessary contracts, Ultimate Corrosion Control Inc. personnel shall review the safety and security briefing procedures for the WRC Project.

With completion of the safety and security orientation, we shall set up the necessary equipment and begin the project.

Economic Summary

Pontiac

Online: www.UltiCor.com

\$4,700.00

Four Thousand Seven Hundred Dollars

Notes:

The following terms and conditions are applicable to the offer made herein:

1. Project duration included in our proposal:
One (1) Day- each Facility.
Based on single mobilization and Straight Time Basis.
2. All Tanks must be free of the Products, all piping to be disconnect by the Owner.
3. Work inside the Tank is described by OSHA Regulations and Ultimate Corrosion Control Inc. Safety Policies as work inside confined space. We will provide all necessary monitoring equipment, safety personnel, explosion proof lighting and ventilation.
4. Lead times:
 - a. Mobilization and equipment- One (1) week.
 - b. Materials – One (1) week.
5. WRC normal safety and plant rules will be adhered to.
6. Ultimate Corrosion Control Inc. has incorporated full inspection coordination with contracted costumer. Ultimate Corrosion Control Inc. requires this inspection to be on going and tied to the daily progress of work.
Use of third-party inspectors requires that the inspectors have appropriate experience with the applicable; lining and surface preparation systems.
7. Force Majeure: All terms and conditions contained herein are contingent on non-occurrence of strikes, fires, floods, new government requirements, acts of God, suppliers' delays, and other matters beyond our reasonable control.
8. Client to provide access to 110 volts electric outlets and city water.
9. Work hours beginning at 7:00 a.m. Any other schedule will require evaluation by Ultimate Corrosion Control Inc. Purchaser/Owner is to furnish all fire, work, and safety permits prior to the start of work each day-if necessary.
10. Warranty: As it's sole warranty, Ultimate Corrosion Control Inc. warrants that the Work to be supplied pursuant to this agreement will be free from defects in materials and workmanship.
Should any failure to conform to this warranty appear within the Warranty Period, appearance or discovery of such failure and shall, upon notification, correct such non-conformity, at its option, either by repairing or altering any defective lining or parts, or by installing a replacement lining.
No obligation shall exist with respect to any alleged defect not discovered within Warranty Period and properly reported to Ultimate Corrosion Control Inc.
The "Warranty Period" referred to herein shall be (1) a period five year from the date of total completion of Ultimate Corrosion Control Inc. work or (2) a period of five years from the date of acceptance of the Work by the Owner, whichever is longer, but in no event longer that a period of sixty (60) months following the date of substantial completion.
This warranty is in lieu of all other warranties, including alleged warranties related to any course of dealing or usage of trade.

NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PURPOSE, OR OTHER WARRANTY (WHETHER EXPRESSED, IMPLIED OR STATUTORY) IS MADE BY ULTIMATE CORROSION CONTROL INC.

In no event shall Ultimate Corrosion Control Inc. be deemed to have warranted its Work against, or otherwise be held responsible for, any loss, damage or deterioration caused at any time by mechanical damage.

There are no intended beneficiaries of this warranty other than the owner of the Work to be provided by Ultimate Corrosion Control Inc. under this agreement.

11. Limitation of remedies and exclusion of damages: Correction of defects, in the manner and for the period of time provided above, shall constitute fulfillment of liabilities of Ultimate Corrosion Control Inc. under this agreement, whether based on contract, negligence or otherwise, with respect to or arising out of said Work.

Ultimate Corrosion Control Inc. shall not be liable for special, indirect or consequential damages.

The remedies set forth in this agreement are exclusive, and the liability of Ultimate Corrosion Control Inc. with respect to any contract or sale or anything done in connection therewith, whether in contract, in tort, under any warranty, or otherwise, shall not, except as expressly provided herein, exceed the contract price of the Lining on which such liability is based.

14. Modification of Offer. No contract shall be deemed finally accepted by Ultimate Corrosion Control Inc. until acceptance is signified by the signature of an officer of Ultimate Corrosion Control Inc. Prior to formal execution of a contract by Ultimate Corrosion Control Inc. prices and scheduling information quoted herein are subject to (1) correction due to clerical error or omission, and (2) adjustment due to any increase in the price of material or labor becoming effective at any time hereafter.

15. Prices and terms are valid for 30 Days.

Thank you for the opportunity to provide this quotation. Please let me know if you have any questions or if there is any other information, I can provide you.

If you should have any questions or if we can be of any further assistance, please contact me at 248-388-3525.

Sincerely,

Arthur Rak
Polymer Coatings Specialist
Ultimate Corrosion Control Inc.
5001 Spring Meadow Dr.
P.O. Box 337
Clarkston, MI 48347-0337
Ph. 248-388-3525
Fax: 248-393-8391
artrak@UltiCor.com
www.Ulticor.com

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairman
Drainage Board for the Clinton River Water Resource Recovery Facility (CRWRRF)

FROM: Carrie Ricker Cox – Chief Engineer
Michael B. Daniels – Chief WRC Water Resource Recovery, Clinton River WRRF

SUBJECT: Annual Asset Management Plan

DATE: July 16, 2020

The Clinton River Water Resource Recovery Facility (and Pontiac Sewer Disposal System) are under a National Pollutant Discharge Elimination System (NPDES) permit which has asset management program requirements. One of these requirements is to provide a written report annually that summarizes the asset management activities completed during the previous year. The report is required to include:

1. A description of staffing levels for previous year
2. A description of inspection, maintain and corrective actions
3. Expenditures for collection and treatment work maintenance activities, corrective action and capital improvements
4. Summary of assets identified for inspection or action (including capital improvement) for the upcoming year
5. Maintenance Budget and capital improvement budget for upcoming year
6. Updated asset inventory
7. Updated Operations, Maintenance and Replacement (OM&R) budget with an updated rate schedule

The attached Asset Management Plan meets all requirements of the NPDES permit.

Recommended Actions:
Receive and File the 2020 CRWRRF Asset Management Plan



Oakland County Pontiac WWTF & Sewer System Annual Report

AMP Submittal (NPDES No. MI0023825)

July 16, 2020

DRAIN CHANGE ORDER NO. 40

Jim Nash, Oakland County Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving FacilityLocated in City of Pontiac, Oakland County, MichiganCONTRACTOR: Tooles Contracting Group LLCAddress: 535 Griswold Suite 2550Detroit, MI 48226

Authorization for Extras To & Changes In Contract

Change Order No: 40 Date Issued: 7/9/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<u>LOCATION:</u> Clinton River Water Resource Recovery Facility - 1 Biosolids Handling Building 2 Biosolids Handling Building					
	<u>DESCRIPTION:</u> 1 Change/Add Provide all materials, labor, and equipment to address multiple modifications as described in the attached Work Directive #26, dated September 5, 2018. The work consists of: a) Providing four (4) basket strainers upstream of each polymer blending units; b) Providing 6" piping, valves, and appurtenances from the sludge blend tank mixing pumps to the 10" header in lieu of the 4" piping, valves, and appurtenances as shown on the Contract Drawings; and c) Providing one additional 4" pressure switch assembly needed for use with the primary sludge pumps.	LS	1	\$24,392.00	\$24,392.00	---
	2 Change/Add Provide all materials, labor, and equipment to relocate two (2) pressure switch assemblies; provide two (2) new pressure switch assemblies; and provide five (5) new pressure gauges associated with the pre-screen pumps, blend tanks mixing pumps and post-dewatering centrifuge feed pumps as described in the attached Work Directive #36, dated February 8, 2019.	LS	1	\$8,912.00	\$8,912.00	---

CONTRACTOR: Tooles Contracting Group LLCAddress: 535 Griswold Suite 2550Detroit, MI 48226

Authorization for Extras To & Changes In Contract

Change Order No: 40 Date Issued: 7/9/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1	<p>REASON:</p> <p>a) Strainers were not included in the design of the polymer blending unit's suction piping. WRC's experience with polymer has shown that, a strainer is needed to remove unwanted solids, optimize system performance, and reduce maintenance in the long term which is why basket strainers were added to the installation.</p> <p>b) Upon analysis of the pump system hydraulics, it was discovered that during higher pumping rates, the fluid velocities could have a negative impact on system performance and service life. The concerns with the specified 4" piping, although only associated with peak flow rates, warrant increasing the pipe size. c) Three 4" pressure switch assemblies were removed from the blend tank mixing pumps due to increased pipe size. These three assemblies were used for the four primary pumps redesign. A fourth 4" pressure switch assembly was needed for the fourth primary pump.</p>					
2	<p>The pressure range of several pumps as determined during submittal reviews, required pressure switch assembly revisions & relocations to be capable of being set at the required 0.5 PSI setpoint. In addition, providing pressure gauges in some locations for a visual pressure check was desired.</p> <p>Note: CDM Smith and WRC have reviewed the methods and costs of this work based upon similar work of this type. The prices in this change order are fair and reasonable. See attached backup materials from Tooles Contracting Group.</p>					
Totals					\$33,304.00	\$0.00
Net Increase					\$33,304.00	---

CHANGE ORDER NO. 40

JIM NASH Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving Facility

Prepared by: Razik Alsaigh Date: 07/10/2020
Project Engineer – Razik Alsaigh - PE
Oakland County Water Resources Commissioner's Office

Recommended by: Edward St. John Date: 7/10/2020
Consulting Engineer – Edward St. John - PE
CDM Smith - Consulting Engineer

Approved by: Gary Nigro Date: July 17, 2020
Chief Engineer – Gary Nigro - PE
Oakland County Water Resources Commissioner's Office

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

Accepted by: Manny Dutton Date: 07/09/2020

of: Tooles Contracting Group LLC

Approved by: Sid Lockhart Date: 7/20/2020
Manager – Sidney Lockhart, P.E.
Construction Management
Oakland County Water Resources Commissioner's Office

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

This Change Order No. 40 was approved by the Drainage Board on: _____

DRAIN CHANGE ORDER NO. 41

Jim Nash, Oakland County Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving FacilityLocated in City of Pontiac, Oakland County, MichiganCONTRACTOR: Tooles Contracting Group LLCAddress: 535 Griswold Suite 2550Detroit, MI 48226

Authorization for Extras To & Changes In Contract

Change Order No: 41 Date Issued: 7/17/2020

Auth No.	Location-Description-Reason	Unit Used	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
	<u>LOCATION:</u> Clinton River Water Resource Recovery Facility - 1 Biosolids Handling Building 2 Biosolids Handling Building					
	<u>DESCRIPTION:</u> 1 Change/Add Provide all materials, labor, and equipment to install additional column supports for the two 6" sludge loop return pipes just south of the THP discharge connection, as described in the attached Work Directive #57, dated December 12, 2019.	LS	1	\$8,000.00	\$8,000.00	---
	2 Change/Deduct Provide credit for not staining the interior walls of the two Biosolids Handling Building stair towers.	LS	-1	\$10,000.00	---	\$10,000.00
	<u>REASON:</u> 1 Additional pipe supports were needed to prevent the sludge loop piping from shaking when steam is introduced through the steam injection point, which was added in Work Directive 39. These pipe supports will prevent pipe movement in both the north/south and east/west directions.					
	2 Staining the precast walls in the stair towers is not needed. These walls are interior, and their condition without staining is acceptable.					
	Note: CDM Smith and WRC have reviewed the methods and costs of this work based upon similar work of this type. The prices in this change order are fair and reasonable. See attached backup materials from Tooles Contracting Group.					
Totals					\$8,000.00	\$10,000.00
Net Decrease					---	\$2,000.00

CHANGE ORDER NO. 41

JIM NASH Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving Facility

Prepared by: Razik Alsaigh Date: 07/17/2020
Project Engineer – Razik Alsaigh - PE
Oakland County Water Resources Commissioner's Office

Recommended by: Edward St John Date: 7/17/2020
Consulting Engineer – Edward St John - PE
CDM Smith - Consulting Engineer

Approved by: Gary Nigro Date: July 17, 2020
Chief Engineer – Gary Nigro - PE
Oakland County Water Resources Commissioner's Office

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

Accepted by: Maury Hamilton Date: 07/17/2020

of: Tooles Contracting Group LLC

Approved by: Sid Lockhart Date: 7/20/2020
Manager – Sidney Lockhart, P.E.
Construction Management
Oakland County Water Resources Commissioner's Office

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

This Change Order No. 41 was approved by the Drainage Board on: _____

Jim Nash, Oakland County Water Resources Commissioner
BloSolids Handling & Septage Receiving Facility Project
City of Pontiac, Oakland County, MI

Regular Construction Estimate No. 34

Estimate Period: June 1, 2020 to June 30, 2020

Contractor

Tooles Contracting Group LLC
535 Griswold, Suite 2550
Detroit, MI 48226

Department No.: 6010101
Fund No.: 84686
Project No.: 100000002181
Account No.: 731472
Program No.: 149015
Activity: FAC
Purchasing Contract No.: 5179

Substantial Completion Date: June 27, 2019
Extended to: NA

Notice to Proceed: June 27, 2017
Final Completion Date: September 25, 2019
Extended to: January 6, 2020

Original Contract Amount:	\$32,370,771.00
Previous Change Orders: Numbers: #1 through 38	\$1,172,292.07
Change Orders This Estimate: Number: # 39	-\$3,438.16
Total Net Change Orders:	\$1,168,853.91
Adjusted Contract Amount:	\$33,539,624.91

Sub-Total To Date: (Sheet 2 of 2 Column 7)	\$33,091,136.59
Less Deductions: (Sheet 2 of 2 Column 7)	\$0.00
Gross Estimate: (Work in Place)	98.66% \$33,091,136.59
Less Amount Reserved: (Lump Sum)	\$1,644,919.77
Less Liquidated Damages For Milestone #1 266 days (March 29, 2019 to Dec 20, 2019)	\$478,800.00
Less Liquidated Damages For Final Completion 142 days (January 3, 2020 to June 30, 2020 excluding 37 COVID19 days)	\$284,000.00
Less Amount to be Reserved	\$882,119.77
Total Amount Allowed To Date:	\$31,446,216.82
Less Previous Estimates:	\$31,370,964.50

Net Payment Request To Be Paid To Contractor: \$75,252.32

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 448,488.32 Accounting Auditor: *JLB*

Amount To Be Reserved (From Above)	\$1,644,919.77
Less Previous Transfers To Reserve:	\$1,644,919.77
Amount of Current Transfer:	\$0.00
Less Prior Liquidated Damages Payment To Construction Account:	\$702,800.00
Less Current Liquidated Damages Payment To Construction Account:	\$60,000.00
Amount of Current Reserve:	\$882,119.77

Prepared by: *Razik Alsaigh*
Razik Alsaigh, P.E. - Project Engineer

Date: *07/20/2020*

Recommended by: *Edmund H. J.*
CDM Smith

Date: *7/20/2020*

Approved by: _____
Gary Nigro - Chief Engineer

Date: _____

Approved by: _____
Sid Lockhart, P.E. - Special Projects Manager

Date: _____

Regular Construction Estimate No. 34

Approved By Board On: _____

Use As Original

Jim Nash, Oakland County Water Resources Commissioner
Clinton River Water Resources Recovery Facility Administration Building Renovation and Addition
City of Pontiac, Oakland County, Michigan

Regular Construction Estimate No. 14

June 1, 2020 to June 30, 2020

Department No.: 6010101
Fund No.: 82686
Project No.: 1-2787

Account No.: 731472
Program No.: 149667
Activity: FAC

Contractor:

Frank Rewold and Son, Inc.
303 East Third Street - Suite 300
Rochester, MI 48307

Contract No.: 5704
Date of Contract: December 18, 2018
Completion Date: April 16, 2020
Extended to: N/A

Original Contract Amount: \$2,564,206.00

Previous Change Orders: \$0.00
Numbers: (none)

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

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$2,564,206.00

Sub-Total To Date: (Sheet 3 of 3 Column 7) \$2,445,987.91

Less Deductions: (Sheet 3 of 3 Column 7) \$0.00

Gross Estimate: (Work in Place) 95.39% \$2,445,987.91

Less Amount Reserved: (Lump Sum) \$120,808.04

Total Amount Allowed To Date: \$2,325,179.87

Less Previous Estimates: \$2,150,194.02

Net Payment Request To Be Paid To Contractor: \$156,493.40

Reserve Payment to Contractor \$18,492.45

Balance of Contract To Date \$ 118,218.09 Accounting Auditor: *jls*

Amount To Be Reserved (From Above) \$120,808.04

Less Previous Transfers To Reserve: \$139,300.49

Amount of Current Transfer: (\$18,492.45)

Prepared by: *Razik Alsaigh*
Razik Alsaigh - Project Engineer

Date: *07/08/2020*

Recommended by: *Michael T. Huber*
Fishbeck, Thompson, Carr & Huber - Consulting Engineer

Date: *07/08/2020*

Approved by: *Gary Nigro*
Gary Nigro - Chief Engineer, Construction Management

Date: *July 17, 2020*

Approved by: *Sid Lockhart*
Sid Lockhart - Special Projects Manager

Date: *7/20/2020*

Regular Construction Estimate No. 14

Approved By Board on: _____

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



DATE: July 28, 2020

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

	Ref No.	For	Amount
CDM Smith Michigan, Inc	V # 1452753	Invoice # 39 - Engineering Admin - 05/31/20 - 07/14/20 - Proj 1-2181	11,411.68
		Total for Project # 1-2181	\$ 11,411.68

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

Sj Phelps

DATE: July 28, 2020

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 June 18, 2020 to July 17, 2020.

Payable To	Ref No.	For	Amount
USA Blue Book	June 2020 Pcard	Pcard - Lab Supplies	\$ 1,923.22
USA Blue Book	June 2020 Pcard	Pcard - Lab Supplies	1,943.95
North Electric Supply	June 2020 Pcard	Pcard - Materials and Supplies	3,110.54
Meadowbrook Insurance	JE # 337125	Invoice # 3767 - FY- 2020 Insurance Allocation	92,523.93
Gamalski Building Specialties, Inc	V # 1450370	Invoice # 151066 - Material and Supplies	1,230.30
PVS Technologies Inc	V # 1449865	Invoice # 270876 - Chemical Treatment	2,132.16
PVS Technologies Inc	V # 1449866	Invoice # 270900 - Chemical Treatment	3,771.84
PVS Technologies Inc	V # 1449867	Invoice # 270901 - Chemical Treatment	1,903.68
PVS Technologies Inc	V # 1449868	Invoice # 271265 - Chemical Treatment	1,907.52
JCI Jones Chemicals Inc	V # 1451414	Invoice # 823782 - Chemical Treatment	2,491.44
Pro-Seal Service Group	V # 1451453	Invoice # 202436 - Material and Supplies	1,941.54
Waste Management	V # 1451853	Invoice # 8432628-1714-4 - Garbage & Rubbish Disposal	1,022.35
Waste Management	V # 1451859	Invoice # 8432627-1714-6- Garbage & Rubbish Disposal	1,115.63
Waste Management	V # 1451898	Invoice # 8423477-1714-7- Garbage & Rubbish Disposal	1,965.71
Waste Management	V # 1451899	Invoice # 8423476-1714- 9 Garbage & Rubbish Disposal	1,171.01
PVS Technologies Inc	V #1453229	Invoice # 272086 - Chemical Treatment	1,999.68
PVS Technologies Inc	V #1453237	Invoice # 271764 - Chemical Treatment	4,278.72
Royal Arc Manufacturing	TBP	Invoice # 202001919 - Contracted Services	2,219.00
Nalco Water Pretreatment Solutions LLC	TBP	Invoice # 2399537 - Contracted Services	3,518.75
D3W Industries	TBP	Invoice # 2151 - Material and Supplies	5,775.00
D3W Industries	TBP	Invoice # 2158 - Material and Supplies	5,775.00
Subtotal			\$ 143,720.97
Ch2m Hill Engineers Inc	TBP	Invoice # 683676CH006 - Professional Services - 03/27/20 - Proj# 1-3177	\$ 6,898.69
Subtotal - Project 1-3177			\$ 6,898.69
Tetra Tech Inc	V # 1450851	Invoice # 51553156 - Contracted Services - 01/31/20 - Proj 1 - 3084	\$ 2,601.00
Tetra Tech Inc	V # 1450852	Invoice # 51574779 - Contracted Services - 03/27/20 - Proj 1 - 3084	3,612.00
Tetra Tech Inc	V # 1450853	Invoice # 51601059 - Contracted Services - 05/29/20 - Proj 1 - 3084	5,319.00
Subtotal - Project 1-3084			\$ 11,532.00
Fishbeck, Thompson, Carr & Huber Inc	V # 1451871	Invoice # 392876 - Contracted Services - 06/12/20 - Proj # 1-2787	\$ 1,000.00
Subtotal - Project 1-2787			\$ 1,000.00
CSM Mechanical LLC	V # 1451908	Invoice # 2020 -0193 - Contracted Services - Proj # 1-3087	\$ 19,810.00
Subtotal - Project 1-3087			\$ 19,810.00
Total			\$ 182,961.66

6. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of June 23, 2020
3. Public Comments
4. Present Construction Estimate No. 11 for Weiss Construction in the amount of \$88,240
5. Present request for Board approval of payment of invoices in the amount of \$2,737.50
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**

June 23, 2020

A meeting of the Drainage Board for the George W. Kuhn Drain was held at 2:00 p.m. on the 23rd of June, 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

ABSENT: None

Minutes of the meeting held May 19, 2020 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 motion was made by Zack, supported by Woodward, to enter into closed session at 3:25 p.m. to discuss attorney-client privileged matters related to lawsuits filed in the Oakland County Circuit Court with the following case numbers: 15-147795-NZ; 15-147794-NZ; 16-152918-NZ; 16-152906-NZ; 17-157459-NZ; 17-157469-NZ; 17-157537-NZ; 17-157534-NZ; 17-157533-NZ; 17-157620-NZ; 17-160256-NZ; 17-160250-NZ; 17-160243-NZ; 17-160246-NZ; 17-160255-NZ; 17-160247-NZ; 17-160244-NZ; 17-159351-CZ.

ROLL CALL VOTE:

Woodward: Yes
Zack: Yes
Nash: Yes

Chairperson Nash declared closed session ended at 3:45 p.m.

A Memorandum from John Basch, Senior Attorney, dated June 23, 2020 recommending the Board adopt a resolution to allow the district to share its GIS data with SEMCOG to advance the goals of the regional asset management program was presented. It was moved by Zack, supported by Woodward, to approve the resolution as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Gary Nigro, P.E., dated June 23, 2020 recommending the Board approve the additional cost to extend project insurance coverage for the Dequindre Pump Station Rehabilitation Project to December 12, 2020 in the amount of \$27,554 was presented. It was moved by Zack, supported by Woodward, to approve the additional cost to extend project insurance as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Joel Kohn, Environmental Planner II, dated June 23, 2020 recommending the Board authorize ECT to commence work on Wet Weather Sampling and Support for Permit Compliance for a not-to-exceed cost of \$234,300 was presented. It was moved by Zack, supported by Woodward, to authorize ECT to commence work as presented.

ADOPTED: Yeas - 3
Nays - 0

A Memorandum from Joel Kohn, Environmental Planner II, dated June 23, 2020 recommending the Board to approve the purchase of the HL 7 water quality meter from Ott/Hydromet for a cost of \$13,422.02 was presented. It was moved by Zack, supported by Woodward, to approve the purchase of the meter as presented.

ADOPTED: Yeas - 3
Nays - 0

Construction Estimate No. 10 for Weiss Construction in the amount of \$187,480.55 with a transfer of \$4,453.85 to the Oakland County Treasurer (as attached) was presented. It was moved by Zack, supported by Woodward, to approve Construction Estimate No. 10 in the amount of \$187,480.55 with a transfer of \$4,453.85 to the Oakland County Treasurer as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for Board approval of payment of invoices in the amount of \$81,192.30 (as attached) was presented. It was moved by Zack, supported by Woodward, that the invoices in the amount of \$81,192.30 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

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 of the George W. Kuhn Drain, Oakland County, Michigan, held on the 23rd day of June, 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 George W. Kuhn Drain Drainage District.



Jim Nash, Chairperson

Dated: July 13, 2020

**Jim Nash, Oakland County Water Resources Commissioner
Dequindre Pump Station Rehabilitation
George W. Kuhn Drain Drainage District
Oakland County, Michigan**

Regular Construction Estimate No. 11

June 1, 2020 to June 30, 2020

Department No.: 6010101
Fund No.: 58520
Project No.: 1-2190

Account No.: 730373
Program No.: 149667
Activity: FAC

Contractor:
Weiss Construction
4000 Renaissance Center, Suite 2170
Detroit, MI 48243

Date of Contract: May 14, 2019
Completion Date: August 30, 2020
Extended to: N/A

Original Contract Amount: \$5,845,000.00

Previous Change Orders: \$0.00
Numbers: (none)

Change Orders This Estimate: \$89,077.00
Numbers: Change Order #1

Total Net Change Orders: \$89,077.00

Adjusted Contract Amount: \$5,934,077.00

Sub-Total To Date: \$4,703,123.55

Less Deductions: \$0.00

Gross Estimate: (Work in Place) 79.26% \$4,703,123.55

Less Amount Reserved: (10% of 1/2 Adjusted Contract Amount) \$296,703.85

Total Amount Allowed To Date: \$4,406,419.70

Less Previous Estimates: \$4,318,179.70

Net Payment Request To Be Paid To Contractor: \$88,240.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 1,230,953.45 Accounting Auditor: *jl*

Amount To Be Reserved (From Above) \$296,703.85

Less Previous Transfers To Reserve: \$296,703.85

Amount of Current Transfer: \$0.00

Prepared by: *[Signature]*
Craig Tiell - Project Engineer

Date: 7/16/2020

Recommended by: *[Signature]*
John Arvai, P.E. - Consulting Engineer

Date: 7/17/2020

Approved by: *[Signature]*
Gary Nigro, P.E. - Chief Engineer, Construction Management

Date: July 17, 2020

Approved by: *[Signature]*
Sid Lockhart, P.E. - Special Project Manager, Construction Management

Date: 7/20/2020

Regular Construction Estimate No. 11

Approved By Board On: _____

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

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

DATE: June 23, 2020

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

<u>Payable To</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
OHM	TBP	Invoice # 325660 - Professional Services -06/30/20	2,327.50
OHM	TBP	Invoice # 215461 - Contracted Services - 6/27/20	410.00
		Total	<u>\$ 2,737.50</u>

7. Nelson Drain

AGENDA

DRAINAGE BOARD FOR THE NELSON DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of October 25, 2016
3. Public Comments
4. Present Memorandum recommending the Board approve the Trojan Development Services invoice for Emergency Repairs in the amount of \$25,841.75
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**

October 25, 2016

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 25th day of October, 2016.

The meeting was called to order by the Chairperson.

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

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

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

Minutes of the meeting held January 26, 2016 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 request for reimbursement of the Drain Revolving Fund in the amount of \$1,182.50 (as attached) was presented. It was moved by Middleton, supported by Nash, that the Drain Revolving Fund be reimbursed in the amount of \$1,182.50.

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.

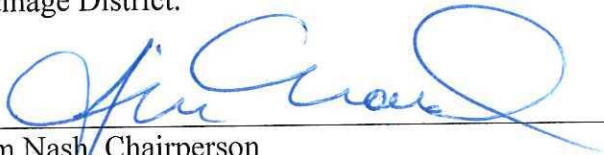


Jim Nash, Chairperson

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 Nelson Drain, Oakland County, Michigan, held on the 25th day of October, 2016, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: November 9th, 2016

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairman – Wilmont Relief Drain Drainage Board

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

SUBJECT: Nelson Drain Erosion Repair

DATE: July 28, 2020

A log jam prompted an investigation into the Nelson Drain in Troy. When the logjam was cleared it was determined approximately 80 feet of bank had eroded into the drain and had exposed a DTE power pole. Trojan Development Services, Inc responded to provide contracted support to repair the drain bank. When repairing the north bank, it was determined the south bank was eroding and was threatening overhead power lines. Trojan removed several trees, installed riprap along the south bank and regraded the north bank. The repair was performed over nine days.

Recommendation: Approve Trojan Development Services invoice for emergency repairs to the Nelson Drain.



Location- London/Butler Basin in Troy



View of logjam during storm



Eroded north bank



Eroded bank at power pole (north bank)



View from north bank

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund
for the period ending July 17, 2020.

<u>G/L Date</u>	<u>Ref No.</u>	<u>Paid To</u>	<u>For</u>	<u>Amount</u>
	TBP	Trojan Development Company Inc	Invoice # 2009 - Contracted Services	\$ 25,841.75
				<u>\$ 25,841.75</u>

8. Wilmont Drain

AGENDA

DRAINAGE BOARD FOR THE WILMONT DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of February 25, 2020
3. Public Comments
4. Present Memorandum for receive and file recommending the Board approve payment of an invoice for Drain Collapse Emergency Repair to V.I.L. Construction, Inc. in the amount of \$453,600
5. Present Request for Reimbursement of the Drain Revolving Fund in the amount of \$453,682.71
6. Other business
7. Approve pro rata payment to Drainage Board members
8. Adjourn

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

February 25, 2020

A meeting of the Drainage Board for the Wilmont Drain was held in the office of the Oakland County Water Resources Commissioner, Public Works Building, One Public Works Drive, Waterford, Michigan at 11:30 a.m. on the 25th day of February, 2020.

The meeting was called to order by the Chairperson.

PRESENT: Jim Nash, Oakland County Water Resources Commissioner

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

ABSENT: 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 May 22, 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 \$638,579 for the Wilmont 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 \$638,579 as presented.

ADOPTED: Yeas - 2
Nays - 0

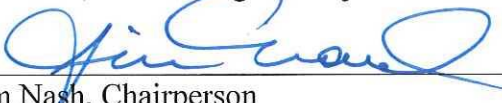
A request for reimbursement of the Drain Revolving Fund in the amount of \$40,719.36 (as attached) was presented. It was moved by Markham, supported by Nash, that the Drain Revolving Fund be reimbursed in the amount of \$40,719.36.

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.

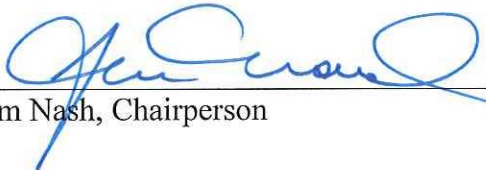


Jim Nash, Chairperson

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 of the Wilmont Drain, Oakland County, Michigan, held on the 25th day of February, 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 of the Wilmont Drain Drainage District.



Jim Nash, Chairperson

Dated: March 9 , 2020

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Jim Nash, Chairman – Wilmont Relief Drain Drainage Board

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

SUBJECT: Wilmont Relief Drain Collapse Emergency Repair

DATE: July 28, 2020

A collapse of the Wilmont Relief Drain necessitated the replacement of 75 feet of metal pipe and a replacement of the failing sheetpile headwall with new concrete pipe and a new concrete headwall. VIL construction was awarded the contract with a low bid of \$465,600. VIL mobilized to the site in May 2020 and was substantially complete by July 17. Additional restoration is to follow for upland portions of the site.

Recommendation: Approve VIL Invoice 9055 for the Wilmont Relief Drain Repair.



Wilmont Pipe Overhead



Metal Sheetpile Headwall



Installation of Headwall



View of Headwall From Downstream Pipe



Completed Headwall

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the WILMONT RELIEF DRAINS

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund
for the period ending July 17, 2020.

Date	Ref No.	Paid To	Amount
	TBP	V.I.L. Construction Inc	\$ 453,600.00
6/24/2020	JE # 337125	Meadowbrook Insurance	82.71
		Invoice # 9055 - Contracted Services	
		Invoice # 3767 - FY 2020 Insurance Allocation	
		Total	<u>\$ 453,682.71</u>

9. Edwards Relief Drain

AGENDA

DRAINAGE BOARD FOR EDWARDS RELIEF DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of June 23, 2020
3. Public Comments
4. Present Request for Reimbursement of the Drain Revolving Fund in the amount of \$12,610.60
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

June 23, 2020

A meeting of the Drainage Board for the Edwards Relief Drain was held at 2:00 p.m. on the 23rd of June, 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

ABSENT: None

Minutes of the meeting held May 19, 2020 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 Memorandum from John Basch, Senior Attorney, dated June 23, 2020 recommending the Board adopt a resolution to allow the district to share its GIS data with SEMCOG to advance the goals of the regional asset management program was presented. It was moved by Zack, supported by Woodward, to approve the resolution as presented.

ADOPTED: Yeas - 3
Nays - 0

A request for Board approval of the payment of invoices in the amount of \$6,128.93 (as attached) was presented. It was moved by Zack, supported by Woodward, that the invoices in the amount of \$6,128.93 be paid as presented.

ADOPTED: Yeas - 3
Nays - 0

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

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

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 of the Edwards Relief Drain, Oakland County, Michigan, held on the 23rd day of June, 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 Edwards Relief Drain Drainage District.



Jim Nash, Chairperson

Dated: July 13, 2020

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

FROM: Shawn Phelps, Chief of Fiscal Services
Drain Accounting

Sj Phelps

DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund
for the period ending July 17, 2020.

Date	Ref No.	Paid To	For	Amount
6/30/2020	V #1451876	Hubbell Roth & Clark Inc	Invoice # 0180193 - Contracted Services - 06/30/20 - Proj # 1-2680	\$ 1,247.48
6/30/2020	V #1450458	Hubbell Roth & Clark Inc	Invoice # 0179745 - Contracted Services - 05/30/20 - Proj # 1-2680	6,952.50
6/24/2020	JE # 337125	Meadowbrook Insurance	Invoice # 3767 - Insurance Allocation - 2020	187.42
	TBP	United Resources	Invoice # 20-0020 - Contracted Services	4,223.20
			Total	\$ 12,610.60

10. King Drain

AGENDA

DRAINAGE BOARD FOR THE KING DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of February 23, 2016
3. Public Comments
4. Present Request for Reimbursement of the Drain Revolving Fund in the amount of \$2,212.60
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

February 23, 2016

A meeting of the Drainage Board for the King 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 February, 2016.

The meeting was called to order by the Chairperson.

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

Michael Gingell, Chairperson of the Oakland County Board of Commissioners

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

Minutes of the meeting held April 19, 2011 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 request for reimbursement of the Drain Revolving Fund in the amount of \$87.67 (as attached) was presented. It was moved by Gingell, supported by Middleton, that the Drain Revolving Fund be reimbursed in the amount of \$87.67.

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. Gingell and Mr. Middleton.

ADOPTED: Yeas - 3
Nays - 0

There being no further business, the meeting was adjourned.

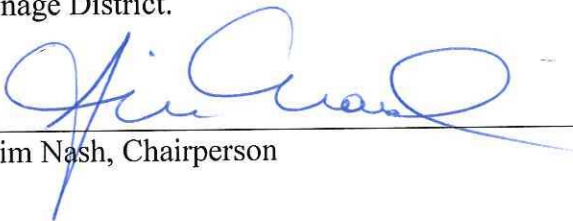


Jim Nash, Chairperson

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 King Drain, Oakland County, Michigan, held on the 23rd day of February, 2016, and that the minutes are on file in the office of the Oakland County Water Resources Commissioner and are available to the public.

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



Jim Nash, Chairperson

Dated: February 26th, 2016

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Sj Phelps

DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of charges paid from the Drain Revolving Fund
for the period ending July 17, 2020.

Date	Ref No.	Paid To	For	Amount
	TBP	United Resources	Invoice # 20-0029 - Contracted Services	\$ 2,212.60
Total				\$ 2,212.60

11. Rummell Drain

AGENDA

DRAINAGE BOARD FOR THE RUMMELL RELIEF DRAIN

July 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of April 28, 2020
3. Public Comments
4. Present Request for Reimbursement of the Drain Revolving Fund in the amount of \$3,234.02
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

April 28, 2020

A meeting of the Drainage Board for the Rummell Relief Drain was held at 2:00 p.m. on the 28th day of April, 2020. The meeting was conducted via GoToMeeting in accordance with the Governor's Executive Order 2020-48 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

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 25, 2019 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 Memorandum from Geoff Wilson, P.E., dated April 28, 2020 recommending the Board authorize DVM Utilities to proceed with the pipeline and headwall rehabilitation for an amount not to exceed \$137,975 and authorize HRC to proceed with engineering and inspection services for an amount not to exceed \$12,800 (as attached) was presented. It was move by Zack, supported by Nash, that DVM Utilities and HRC be approved to proceed as presented.

ADOPTED: Yeas - 2
Nays - 0

A request for reimbursement of the Drain Revolving Fund in the amount of \$6,233.88 (as attached) was presented. It was moved by Zack, supported by Nash, to reimburse the Drain Revolving Fund in the amount of \$6,233.88.

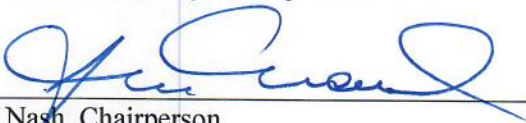
ADOPTED: Yeas - 2
Nays - 0

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

ADOPTED: Yeas - 2

Nays - 0

There being no further business, the meeting was adjourned.

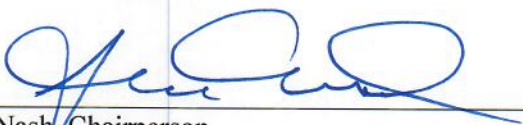


Jim Nash, Chairperson

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I, the undersigned, do hereby certify that the foregoing is a true and complete copy of the minutes of the Drainage Board of the Rummell Relief Drain, Oakland County, Michigan, held on the 28th day of April, 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 Rummell Relief Drain Drainage District.



Jim Nash, Chairperson

Dated: May 13, 2020

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: July 28, 2020

SUBJECT: Request for Approval of Invoices

The following is a detail of Maintenance charges paid from the Drain Revolving Fund for the period ending July 17, 2020.

Date	Ref No.	Paid To	For	Amount
	TBP	Hubbell Roth & Clark, Inc	Invoice # 0179817 - Engineer Services - 05/30/20	\$ 2,865.66
	TBP	Hubbell Roth & Clark, Inc	Invoice # 0179815 - Engineer Services - 04/18/20	368.36
			Total	\$ 3,234.02