

NOTICE OF MEETINGS

DRAINAGE BOARD FOR THE FOLLOWING DRAINS:

1. Drainage District Policy
2. Acacia Park CSO Drain
3. Birmingham CSO Drain
4. Bloomfield Village CSO Drain
5. Clinton River Water Resource Recovery Facility
6. Edwards Relief Drain
7. Hamilton Relief Drains
8. Bishop Drain
9. Chester Drain
10. Dennis Murphy Drain
11. Fessler Drain
12. Fred D Houghten
13. George W. Kuhn 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, JANUARY 28, 2020** IN THE OAKLAND COUNTY PUBLIC WORKS BUILDING, ONE PUBLIC WORKS DRIVE, WATERFORD, MICHIGAN.

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

Posted by: January 24, 2020

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

1. Drainage District Policy

AGENDA

DRAINAGE BOARD FOR POLICY MATTERS

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of November 26, 2019
3. Public Comments
4. Present property insurance renewal
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

Water Resources Commissioner

American Home Policy No. 044243933 Expiration;1-25-2020

Property Insurance – Quote Summary / Comparison

	Expiring AIG Jan 25, 2019-20	Renewal Chubb Jan 25, 2020-21
Annual Premium	\$341,722	\$301,817
Terrorism incl.	Yes	Yes
Limits		
Policy – Per Occurrence limit	\$149M	\$135.6M
GWK Retention Basin - note #1	\$102.6M	\$100M
Scheduled Mobile Equip	included	scheduled
Sublimits		
Earthquake – note #2	\$83M	\$25M
Flood Zone B&C	\$5M	\$5M
Flood zone A	\$2.5M	\$2.5M
Demolition Coverage	Policy Limit	Policy Limit
Time Element – 48 hours	\$1M	\$1M
Extra Expense	\$5M	\$5M
Loss of Utility services	\$1M	\$1M
Personal property – any	\$1M	\$500k
Transit	\$500k	\$500k
Manmade Dams	\$8,845,000	excluded
Debris removal	25% or \$10M whichever is greater	25% of direct damage loss plus \$1M
Deductibles		
Basic Policy	\$40k	\$250k
GWK	\$100k	\$5M
Earth Movement	\$100k	\$250k
Flood – note #3 Zone C Zone B Zone A	\$100k	\$250k/ 24 hours \$250k/48 hours \$500k/72 hours

- 1) Machinery Breakdown and Flood excluded at Basin only
- 2) Chubb Earthquake Definition: Earthquake means earthquake, including any resulting tsunami. Earthquake does not include a specified peril that ensues from earthquake
- 3) Zone C – Loc's 3,4,6,20,21,26,27,30; Zone B – Loc's 1,2,5,7,9,10,11,12,13,16,17,19,22,24,25,28; Zone A – 14,15,18,23,29

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

2. Acacia Park CSO

AGENDA

DRAINAGE BOARD FOR THE ACACIA PARK CSO DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of December 17, 2019
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the first quarter FY 2020
5. Present request for Board approval of payment of invoices in the amount \$8,215.72
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$27,007.92
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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
First Quarter, FY 2020
October, November, December 2019

DATE: January 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)
10/26/19 - 10/27/19	0.0	\$ -	69.9	\$ 940.16	0.0	\$ -
10/31/19 - 10/31/19	0.0	\$ -	210.0	\$ 2,824.50	0.0	\$ -
11/27/19 - 11/27/19	0.0	\$ -	113.1	\$ 1,521.20	0.0	\$ -
12/30/19 - 12/30/19	0.0	\$ -	137.4	\$ 1,848.03	0.0	\$ -
Total Credit Q1, FY 2020:		\$ -		\$ 7,133.88		\$ -

Approved by: 

Date: 1/9/2020

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: January 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 January 17, 2020

G/L Date	Ref No.	Paid To	For	Amount
12/31/2019	Dec 2019 Pcard	The Macomb Group	Pcard - Materials and Supplies	\$ 270.25
12/31/2019	Dec 2019 Pcard	O'Reilly Auto Supply	Pcard - Materials and Supplies	9.55
12/31/2019	Dec 2019 Pcard	Motor City Industrial	Pcard - Materials and Supplies	44.60
12/31/2019	Dec 2019 Pcard	The Macomb Group	Pcard - Materials and Supplies	230.16
12/31/2019	Dec 2019 Pcard	Grainger	Pcard - Materials and Supplies	111.30
12/17/2019	V # 1408485	Cintas	Invoice # 4035279740 - Mat Rentals	9.76
12/17/2019	V # 1408491	Unifirst	Invoice # 088 2155778 - Uniforms	6.29
12/17/2019	V # 1408495	Unifirst	Invoice # 088 2157743 - Uniforms	6.29
12/17/2019	V # 1408498	Unifirst	Invoice # 088 2159700 - Uniforms	6.29
12/31/2019	V # 1413106	State of Michigan	Invoice # 761-10472048 - Annual Permit Fee	6,000.00
12/26/2019	V # 1410461	IDEXX Laboratories Inc	Invoice # 305706753 - Lab and Supplies	66.10
12/31/2019	V # 1411385	Unifirst	Invoice # 088 2161674 - Uniforms	6.29
12/31/2019	V # 1411388	Unifirst	Invoice # 088 2163621 - Uniforms	6.29
1/7/2020	V # 1412317	Unifirst	Invoice # 088 2165578 - Uniforms	6.29
12/31/2019	V # 1411371	Cintas	Invoice # 4037593440 - Mat Rentals	9.98
1/16/2020	V # 1414924	Great Lakes Pump & Supply Co	Invoice # 62098 - Materials and Supplies	1,419.99
1/9/2020	V # 1413239	Unifirst	Invoice # 088 2167500 - Uniforms	6.29
Total				<u>\$ 8,215.72</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

Sj Phelps

DATE: January 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 January 17, 2020.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
12/23/19	JE# 327814	December 2019 Storm Water Flow Charges RTB Capacity Use (O & M Credit)	\$27,007.92
			<u>\$27,007.92</u>

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

3. Birmingham CSO Drain

AGENDA

DRAINAGE BOARD FOR THE BIRMINGHAM CSO DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of December 17, 2019
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the first quarter FY 2020
5. Present request for Board approval of payment of invoices in the amount \$6,819.93
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$22,468.12
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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
First Quarter, FY 2020
October, November, December 2019

DATE: January 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)
10/26/19 - 10/27/19	0.0	\$ -	69.9	\$ 940.16	0.0	\$ -
10/31/19 - 10/31/19	0.0	\$ -	210.0	\$ 2,824.50	0.0	\$ -
11/27/19 - 11/27/19	0.0	\$ -	113.1	\$ 1,521.20	0.0	\$ -
12/30/19 - 12/30/19	0.0	\$ -	137.4	\$ 1,848.03	0.0	\$ -
Total Credit Q1, FY 2020:		\$ -		\$ 7,133.88		\$ -

Approved by: 

Date: 1/9/2020

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

Shawn Phelps

DATE: January 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 January 17, 2020

G/L Date	Ref No.	Paid To	For	Amount
12/31/2019	Dec 2019 Pcard	North Electric	Pcard - Materials and Supplies	\$ 235.00
12/31/2019	Dec 2019 Pcard	Grainger	Pcard - Materials and Supplies	111.30
12/17/2019	V # 1408486	Cintas	Invoice # 4035279822 - Mat Rentals	10.71
12/17/2019	V # 1408491	Unifirst	Invoice # 088 2155778 - Uniforms	9.04
12/17/2019	V # 1408495	Unifirst	Invoice # 088 2157743 - Uniforms	9.04
12/17/2019	V # 1408498	Unifirst	Invoice # 088 2159700 - Uniforms	9.04
12/31/2019	V # 1413108	State of Michigan	Invoice # 761-10471994 - Annual Permit Fee	6,000.00
12/26/2019	V # 1410461	IDEXX Laboratories Inc	Invoice # 305706753 - Lab and Supplies	66.10
12/31/2019	V # 1411385	Unifirst	Invoice # 088 2161674 - Uniforms	9.04
12/31/2019	V # 1411388	Unifirst	Invoice # 088 2163621 - Uniforms	9.04
1/7/2020	V # 1412317	Unifirst	Invoice # 088 2165578 - Uniforms	9.04
12/31/2019	V # 1411377	Cintas	Invoice # 4037593506 - Mat Rentals	10.92
1/16/2020	V # 1414782	Cummins Inc	Invoice # S6-37116 - Materials and Supplies	322.62
1/9/2020	V # 1413239	Unifirst	Invoice # 088 2167500 - Uniforms	9.04
Total				\$ 6,819.93

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: January 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 January 17, 2020.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
12/23/19	JE# 327814	December 2019 Storm Water Flow Charges	\$29,602.00
		RTB Capacity Use (O & M Credit)	(\$7,133.88)
			<u>\$22,468.12</u>

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

4. Bloomfield Village CSO

AGENDA

DRAINAGE BOARD FOR THE BLOOMFIELD VILLAGE CSO DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of December 17, 2019
3. Public Comments
4. Present Memorandum for receive and file of the RTB Capacity Use Credit for the first quarter FY 2020
5. Present request for Board approval of payment of invoices in the amount \$89,584.67
6. Present request for reimbursement of the Evergreen Farmington Fund in the amount of \$35,972.42
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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
First Quarter, FY 2020
October, November, December 2019

DATE: January 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)
10/26/19 - 10/27/19	0.0	\$ -	69.9	\$ 940.16	0.0	\$ -
10/31/19 - 10/31/19	0.0	\$ -	210.0	\$ 2,824.50	0.0	\$ -
11/27/19 - 11/27/19	0.0	\$ -	113.1	\$ 1,521.20	0.0	\$ -
12/30/19 - 12/30/19	0.0	\$ -	137.4	\$ 1,848.03	0.0	\$ -
Total Credit Q1, FY 2020:		\$ -		\$ 7,133.88		\$ -

Approved by: 

Date: 1/9/2020

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

S. Phelps

DATE: January 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 January 17, 2020

G/L Date	Ref No.	Paid To	For	Amount
12/31/2019	Dec 2019 Pcard	The Home Depot	Pcard - Materials and Supplies	\$ 18.91
12/31/2019	Dec 2019 Pcard	Motor City Industrial	Pcard - Materials and Supplies	168.45
12/31/2019	Dec 2019 Pcard	Grainger	Pcard - Materials and Supplies	114.70
12/17/2019	V # 1408488	Cintas	Invoice # 4035279826 - Mat Rentals	10.09
12/17/2019	V # 1408491	Unifirst	Invoice # 088 2155778 - Uniforms	6.29
12/17/2019	V # 1408495	Unifirst	Invoice # 088 2157743 - Uniforms	6.29
12/17/2019	V # 1408498	Unifirst	Invoice # 088 2159700 - Uniforms	6.29
12/31/2019	V # 1413110	State of Michigan	Invoice # 761-10472106 - Annual Permit Fee	6,000.00
12/26/2019	V # 1410461	IDEXX Laboratories Inc	Invoice # 305706753 - Lab and Supplies	66.10
12/31/2019	V # 1411385	Unifirst	Invoice # 088 2161674 - Uniforms	6.29
12/31/2019	V # 1411388	Unifirst	Invoice # 088 2163621 - Uniforms	6.29
1/7/2020	V # 1412317	Unifirst	Invoice # 088 2165578 - Uniforms	6.29
12/31/2019	V # 1411380	Cintas	Invoice # 4037593529 - Mat Rentals	10.30
12/31/2019	V # 1412064	Pro-Seal Service Group	Invoice # 194882 - Materials and Supplies	7,712.50
12/31/2019	V # 1413287	Pro-Seal Service Group	Invoice # 195202 - Materials and Supplies	15,729.01
1/16/2020	V # 1413286	Shaw Service & Maintenance	Invoice # 910001349 - Contracted Services	1,694.00
1/9/2020	V # 1413239	Unifirst	Invoice # 088 2167500 - Uniforms	6.29
Total				<u>\$ 31,568.09</u>
12/31/2019	V # 1413620	Hubbell, Roth & Clark, Inc	Invoice # 0175705 - Contracted Services - 12/14/19 - Proj 1-2328	\$ 12,423.12
12/31/2019	V # 1412690	Pipeline Management Co Inc	Invoice # 2019-183 - Contracted Services - 12/2/19 - 12/6/19 - Proj 1-2328	28,970.46
	TBP	Hubbell, Roth & Clark, Inc	Invoice # 0176094 - Contracted Services - 12/31/19 - Proj 1-2328	3,926.35
	TBP	Hubbell, Roth & Clark, Inc	Invoice # 0176096 - Contracted Services - 01/11/20 - Proj 1-2328	12,696.65
Project # 1-2328 Subtotal				<u>\$ 58,016.58</u>
Total				<u>\$ 89,584.67</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



DATE: January 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 January 17, 2020.

<u>Date</u>	<u>Ref No.</u>	<u>For</u>	<u>Amount</u>
12/23/19	JE# 327814	December 2019 Storm Water Flow Charges RTB Capacity Use (O & M Credit)	\$35,972.42
			<u>\$35,972.42</u>

Chapter 20 Drainage Board Meeting

Regular Meeting

Tuesday, January 28, 2020

5. Clinton River Water Resource
Recovery Facility

AGENDA

DRAINAGE BOARD FOR THE CLINTON RIVER WATER RESOURCE RECOVERY FACILITY

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of December 17, 2019
3. Public Comments
4. Present Memorandum recommending the Board approve the Engineering Work Order for Biosolids Handling and Septage Receiving Facility in the amount of \$84,500
5. Present Change Order No. 33 for Biosolids Handling and Septage Receiving Facility for a net increase in the amount of \$149,654.38
6. Present Change Order No. 34 for Toolles Contracting Group LLC for a net increase in the amount of \$12,985
7. Present Construction Estimate No. 28 for Toolles Contracting Group LLC in the amount of \$233,681.23
8. Present Construction Estimate No. 8 for Frank Rewold and Son, Inc. in the amount of \$178,889.31
9. Present Memorandum recommending the Board approve the allocation of \$70,000 in Capital Improvement funds for Tertiary Filter Evaluation and authorize staff to proceed with the project
10. Present Memorandum recommending the Board approve the allocation of \$140,000 in Major Maintenance funds for 360 Water Training and authorize staff to proceed with the project
11. Present Memorandum recommending the Board authorize the Chairman to execute the Settlement Agreement and Release for the Repair of the Gear Drives for Screw Pump Nos. 1, 2 and 3
12. Present request for Board approval of payment of invoices from the Construction Fund in the amount \$47,771.91
13. Present request for Board approval of payment of invoices from the Maintenance Fund in the amount of \$711,116.60
14. Other business
15. Approve pro rata payment to Drainage Board members
16. Adjourn

OAKLAND COUNTY WATER RESOURCES COMMISSIONER

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

No. D-**ENGINEERING WORK ORDER**FOR: Biosolids Handling and Septage Receiving FacilityTO: CDM Smith Michigan, Inc DATE: January 06, 2020**DESCRIPTION****Section A – Item Nos. 3 and 4 (Construction Phase and Project Resident Representative Services)**

This engineering work order is an authorization for the following additional engineering services to CDM Smith Michigan, Inc for the Biosolids Handling and Septage Receiving Facility Project.

Provide additional resident project representative (RPR) services and startups technical support as described in the attached CDM Smith letter dated December 3, 2019 due to the addition of four months to the construction/startup period. The total authorization for this engineering work order is \$84,500. Invoicing and payment to ENGINEER shall be based on the existing conditions and requirements of the contract. Any additional compensation beyond this amount must be approved by a future written engineering work order.

This work order increases the total not-to-exceed value of the contract to \$3,958,812.

RECOMMENDED Date: 01/07/2020ACCEPTED Date: 1/7/2020

By: Razik Alsaigh
Razik Alsaigh, P.E.
Project Engineer

By: Ed Smith
CDM Smith Michigan, Inc

APPROVED Date: Jan 13, 2020APPROVED Date: Jan. 13, 2020

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

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

DRAIN CHANGE ORDER NO. 33

Jim Nash, Oakland County Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving Facility

Located in City of Pontiac, Oakland County, Michigan

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

Authorization for Extras To & Changes In Contract

Change Order No: 33 Date Issued: 12/27/2019

Auth No.	Location-Description-Reason	Unit Used	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1	LOCATION: Clinton River Water Resource Recovery Facility Septage Building					
1	DESCRIPTION: Change/Add Provide all materials, labor, and equipment to add Flowpoint's Septage Hauler Management software and equipment, add heated hose down stations at the septage filling stations, and add automatic samplers to sample septage received from the haulers, as described in the attached Work Directive #51 reissued dated September 05, 2019.	LS	1	\$149,654.38	\$149,654.38	---
2	Change/Add Extend the Project Final Completion date by 100 calendar days from September 25, 2019 to January 3, 2020.	DAYS	100.00	NA	100	NA
1	REASON: To better manage septage received at the new Septage Receiving Facility and insure compliance from the haulers with the new industrial pre-treatment program, WRC's Operation Group added the following to the project: 1) a septage management software package by Flowpoint, 2) automatic samplers to identify what is being delivered to septage facility, and 3) heated hose down stations to clean trucks prior to exiting the site. These items were not included in the original contract					
2	Contractor needed more time to be added to Final Completion date to perform the added scope under Work Directive #51. 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					\$149,654.38	\$0.00
Net Increase					\$149,654.38	---

CHANGE ORDER NO. 33

JIM NASH Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving Facility

Prepared by:  Date: 12/30/2019
Project Engineer – Razik Alsalgh - PE
Oakland County Water Resources Commissioner's Office

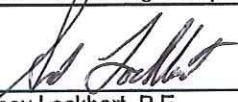
Recommended by:  Date: 12/30/19
Consulting Engineer – Edward St John - PE
CDM Smith - Consulting Engineer

Approved by:  Date: Jan 8, 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:  Date: 12/30/2019

of: Tooles Contracting Group LLC

Approved by:  Date: 1-13-20
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. 33 was approved by the Drainage Board on: _____

DRAIN CHANGE ORDER NO. 34

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: 34 Date Issued: 1/16/2020


Auth No.	Location-Description-Reason	Unit Used	Est. Quant.	Unit Price	Amount Increase	Amount Decrease
1	LOCATION: Clinton River Water Resource Recovery Facility Yard just North of Digester Building					
1	DESCRIPTION: Change/Add Provide all materials, labor, and equipment to provide modifications to the existing flare support structure to support the new flare assembly. Modifications include two steel support systems (angles, brackets and clamps) attached to the existing support structure, as described in the attached Work Directive #46 dated July 12, 2019.	LS	1	\$12,985.00	\$12,985.00	---
1	REASON: The new flare is larger and heavier than the original one. Modifications to the existing steel support structure were required to properly secure the flame arrestor assembly. Also, a redundant shut off valve was eliminated allowing the height of the flare to be reduced and, in turn, better stabilize the entire system.					
	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					\$12,985.00	\$0.00
Net Increase					\$12,985.00	---

CHANGE ORDER NO. 34

JIM NASH Water Resources Commissioner

For Construction of the Biosolids Handling and Septage Receiving Facility

Prepared by:  Date: 1/17/2020
Project Engineer – Razik Alsaigh - PE
Oakland County Water Resources Commissioner's Office

Recommended by:  Date: 1/17/2020
Consulting Engineer – Edward St John - PE
CDM Smith - Consulting Engineer

Approved by: _____ Date: _____
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:  Date: 01/17/2020

of: Tooles Contracting Group LLC

Approved by: _____ Date: _____
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. 34 was approved by the Drainage Board on: _____

JIM NASH
OAKLAND COUNTY WATER RESOURCES COMMISSIONER
2 of 2

Rev. 12/10/12

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

Regular Construction Estimate No. 28

Estimate Period: December 1, 2019 to December 31, 2019

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: NA

Original Contract Amount: \$32,370,771.00 ✓
Previous Change Orders: \$991,091.36 ✓
Numbers: #1 through 31
Change Orders This Estimate: -\$160.34
Numbers: # 32
Total Net Change Orders: \$990,931.02 ✓
Adjusted Contract Amount: \$33,361,702.02

Sub-Total To Date: (Sheet 2 of 2 Column 7) \$32,445,083.81
Less Deductions: (Sheet 2 of 2 Column 7) \$0.00
Gross Estimate: (Work In Place) 97.25% \$32,445,083.81
Less Amount Reserved: (Lump Sum) \$1,644,919.77
Less Liquidated Damages For Milestone #1
277 days (March 29, 2019 to Dec 31, 2019) \$498,600.00

Less Amount to be Reserved \$1,146,319.77
Total Amount Allowed To Date: \$30,800,164.04
Less Previous Estimates: \$30,566,482.81 ✓

Net Payment Request To Be Paid To Contractor: \$233,681.23

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 916,618.21 ✓ Accounting Auditor: Jim 1/21/2020

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: \$442,800.00 ✓

Less Current Liquidated Damages Payment To Construction Account: \$55,800.00

Amount of Current Reserve: \$1,146,319.77

Prepared by: Razik Alsaigh Date: 1/21/2020
Razik Alsaigh, P.E. - Project Engineer

Recommended by: Edmund Smith Date: 1/21/2020
CDM Smith

Approved by: Gary Nigro Date: _____
Gary Nigro - Chief Engineer

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

Regular Construction Estimate No. 28

Approved By Board On: _____

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. 8

December 1, 2019 to December 31, 2019

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) \$1,757,519.34

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

Gross Estimate: (Work in Place) 68.54% \$1,757,519.34

Less Amount Reserved: (Lump Sum) \$133,548.38

Total Amount Allowed To Date: \$1,623,970.96

Less Previous Estimates: \$1,445,081.65 ✓

Net Payment Request To Be Paid To Contractor: \$178,889.31

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 806,686.66 ✓ Accounting Auditor: Jo 1/14/2020

Amount To Be Reserved (From Above) \$133,548.38

Less Previous Transfers To Reserve: \$133,548.38

Amount of Current Transfer: \$0.00 ✓

Prepared by: Razik Alsaigh
Razik Alsaigh - Project Engineer

Date: 01/14/2020

Recommended by: Fishbeck, Thompson, Carr & Huber
Fishbeck, Thompson, Carr & Huber - Consulting Engineer

Date: 01/14/2020

Approved by: Gary Nigro
Gary Nigro - Chief Engineer/Construction Management

Date: Jan 17, 2020

Approved by: Sid Lockhart
Sid Lockhart - Special Projects Manager

Date: 1-20-2020

Regular Construction Estimate No. 8

Approved By Board on: _____

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

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

FROM: Jared S. Buzo, P.E., Operations Engineer

SUBJECT: CRWRRF – Tertiary Filter Evaluation

DATE: January 28, 2019

Three of the four tertiary filters at the Clinton River Water Resource Recovery Facility (CRWRRF) are from the original construction in the 1970s. Filter 1 was rehabilitated in 2017 in coordination with the asset management condition assessment being performed at the time. The filter media is beyond its useful life and in need of replacement. Additionally, as part of the condition assessment that was performed on Filter 1 during rehabilitation, many of the valves were found to be deformed, causing failure to seal properly.

There are many different options regarding filter media, and what type of media selected determines the backwashing procedures, and equipment, required. Considering this, the Water Resources Commissioner (WRC) staff has requested proposals for a wholistic tertiary filter evaluation from three (3) engineering consultants. The scores from the evaluation are below.

Consultant	Score (out of 10)
Fishbeck	7.65
Tetra Tech	8.15
Jacobs	8.25

We recommend proceeding with Jacobs to perform the Tertiary Filter Evaluation.

The expected total cost of this evaluation is below:

Consulting	\$52,000
WRC Labor	\$8,000
Contingency	\$10,000
Total	\$70,000

Requested Action: Approve the allocation of \$70,000 in Capital Improvement funds for this project and authorize staff to proceed with the project.

30800 Telegraph Road
Suite 4900
Bingham Farms, MI 48025
United States
T +1.248.633.1485
www.jacobs.com

Subject	Proposal for Tertiary Filter Rehabilitation Plan at the Clinton River Water Resource Recovery Facility
Attention	Jared Buzo, P.E
From	Allen Gelderloos, P.E.
Date	November 25, 2019

Jacobs is pleased to present Oakland County Water Resources Commissioner (WRC) this proposal for developing a recommended plan for the rehabilitation of the tertiary filters at the Clinton River Water Resource Recovery Facility (CRWRRF). The existing filters and equipment have deteriorated and are in need of rehabilitation and improvement to maintain effluent permit requirements, improve operability through automation, provide energy savings, and reduce backwash quantity. WRC requested a proposal to provide a recommended plan for a holistic improvement to the existing filter system, including budgetary capital costs to include in an upcoming capital improvement plan. Our scope and fee for this project are presented below.

1. Existing Conditions

The following bullets summarize the key issues associated with the existing filters:

- There are four tertiary multi-media filters with two cells each.
- The filters were constructed in the early 1970's, so they are nearly 50 years old.
- A recent analysis of the filter media revealed the sand was rounded and needed replacement. Media was replaced from Filter No. 1 in 2018 using grant funds, which is the first known replacement of media for the filters since they were constructed.
- Backwashing of the filters occurs very frequently and is a manual operation. There is a spray wash system provided for each cell.
- The backup backwash pump has deteriorated and is in need of rehabilitation/replacement.
- Numerous butterfly valves in the pipe galley do not function properly and need to be evaluated for replacement.
- Flow through the filters is controlled based on effluent flow rate using control valves on each filter.
- Sometime in the recent past, a chunk of concrete fell from the pipe gallery roof/walkway. This damage was repaired and a concrete topping added to the existing roof/walkway.
- Plant staff report the filters periodically become air bound.

- According to County staff, there are no capacity issues with the filtration process, unless they have an upset in the secondary process causing a high total suspended solids (TSS) concentration in the filter influent. Average flow to the filters is about 20 MGD.

2. Scope of Work

For this project, Jacobs will perform the following tasks:

1. Conduct a condition assessment of the existing pumps, piping, valves and instrumentation associated with the tertiary filters. This will consist of a visual inspection of the assets and discussions with plant operations and maintenance staff regarding their current functionality and performance. The purpose of this assessment will be to identify assets that require rehabilitation or replacement. During the condition assessment site visit, Jacobs filter expert and project manager will meet with County staff to review findings and provide project update.
2. Evaluate and recommend filter improvements, including:
 - a. Repair or replacement of existing underdrain system
 - b. Backwash improvements, including potential for air scour, continued use of spray wash system, automation of backwash process, and flow meter for backwash flow
 - c. Type of media for replacement in the filters to meet permit requirements and reduce energy/backwash requirements for energy savings
 - d. Structural repairs to the filter gallery roof and exposed concrete of the filter cells. For this phase of planning, Jacobs structural engineer will review photos of the current roof in an effort to better define the structural rehabilitation scope for detailed design. Detailed structural evaluation will not be performed during this phase. If necessary, Jacobs will develop an allowance for anticipated structural modifications to these areas, as necessary.
3. Provide an Engineer's Estimate of Probable Construction Costs for the recommended improvements. This estimate will provide the WRC an estimated project capital cost to include in the Capital Improvement Plan.
4. Provide a draft report with evaluation, recommendations and capital costs for filter improvements. The report will also include the general recommended sequencing of improvements (i.e., one construction project or implement improvements in phases).
5. Conduct a Draft Report Review Meeting.
6. Finalize report based on WRC's comments.

Tasks not included in this evaluation are:

1. Evaluation of alternative filter technologies, such as disk filters.
2. Evaluation of the structural condition inside the filter cells (i.e., the filters will not be drained for inspection). At this point in planning, a recommended allowance based on similar projects could be provided.

3. Fee

Jacobs fee for this project is not-to-exceed \$52,000, using the agreed upon 2.84 multiplier on labor. This project will be added as Task 5 to the As-Needed Engineering services contract.

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

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

FROM: Jared S. Buzo, P.E., Operations Engineer

SUBJECT: CRWRRF – 360 Water Training

DATE: January 28, 2019

360 Water is a company that creates interactive training courses for different equipment and processes. They piloted training courses on our waste activated sludge (WAS) thickening process that was installed in 2016. The courses use a combination of training videos, Operation and Maintenance manuals, as well as pictures and videos from site visits, customizing it to our specific location. In addition, the courses have built in questions/responses to help maintain engagement in the training exercise.

Based on the quality and usefulness of the piloted training modules, we have requested a quote to create training modules for the most critical processes related to the new biosolids building, with a plan to create modules for additional equipment in the forthcoming years.

To create the training courses, our proposed budget for the next 4 years is:


FY 2020	\$50,000
FY 2021	\$30,000
FY 2022	\$30,000
FY 2023	\$30,000
Total	\$140,000

We recommend proceeding with 360 Water to create the training courses.

Requested Action: Approve the allocation of \$140,000 in Major Maintenance funds for this project and authorize staff to proceed with the project.

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

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

FROM: Mike Walsh, P.E., Civil Engineer III 

SUBJECT: Settlement Agreement for
Repair of the Gear Drives for Screw Pump Nos. 1, 2, and 3

DATE: January 28, 2020

Three new screw pumps were installed by Sorensen Gross Construction Services of Flint, at the Clinton River Water Resource Recovery Facility under the 2014 Pontiac WWTP Improvements-Phase 1 project. The project reached Substantial Completion on June 1, 2016.

On August 31, 2017, the gear drive for Screw Pump No. 3 catastrophically failed and was shipped to the manufacturer, RBS Global, Inc. (Rexnord) of Milwaukee, Wisconsin to be repaired under warranty. Upon inspection, Rexnord determined the gear drive failure was caused by an overload or marginal lubrication and refused to rebuild the gear drive under the warranty terms. On January 23, 2018, the Drainage Board authorized payment to Rexnord to rebuild the gear drive, and the WRC began negotiations with Sorensen Gross to determine responsibility and a fair allocation of the costs.

In January 2018, the WRC and Rexnord inspected the gear drives for Screw Pump Nos. 1 and 2 and found them damaged as well and at risk of a similar failure. The WRC determined these gear drives should also be repaired, and on October 23, 2018, the Board authorized Rexnord to rebuild the gear drives for Screw Pump Nos. 1 and 2.

Work to remove, rebuild, and reinstall the gear drives was completed in July 2019 at a cost of \$120,639.01. (See attached Exhibit "A".) To date, Sorensen Gross has paid \$15,583.49 toward these costs.

After extensive negotiations, Sorensen Gross agreed to pay an additional \$44,416.50 for a total of approximately \$60,000 in accordance with the attached Agreement.

Requested Action: Authorize the Chairman to execute the attached Settlement Agreement and Release.

EXHIBIT “A”

GEAR DRIVE REPAIR COSTS

REXNORD

Rexnord Industries LLC

RECEIVED

PO Box 2022

OAKLAND COUNTY-WRC

Milwaukee WI 53201

JUL 02 2019

**Screw Pump No. 1
Item No. 1 Paid by WRC**

Clinton River

Water Resource Recovery Facility

Remit-To : Rexnord Industries LLC

Box 93944

Chicago, IL 60673-3944

Wire: ABA-071000013 Acct 51-15620

Swift BIC Code: CHASUS33

Invoice: 93995271

Page 1 of 1

07/02/2019 10:43:13

Invoice

Bill-To-PartyOAKLAND COUNTY WRC
1 PUBLIC WORKS DRIVE
WATERFORD MI 48328
USA**Sold-To-Party# 3030318**OAKLAND COUNTY WRC
1 PUBLIC WORKS DRIVE
WATERFORD MI 48328
USA**Ship-To-Party# 3030318**OAKLAND COUNTY WRC
CLINTON RIVER WRRF
155 N. OPDYKE ROAD
PONTIAC MI 48342
USA**Information**

Invoice No.	93995271
Invoice Dt.	06/21/2019
Ref. Order No.	1151632
Purchase Order	USCTY-0000314773
Purchase Order	10/22/2018
Customer No.	3030318
Currency	USD
Payment Terms	New Account Up to 07/21/2019 without deduction
Delivery Terms	ABS FOB Origin, PPD+Allow.Included
Carrier	R & L CARRIERS
PRO#	887545566

Item	Material/Desc.	Date Shipped	Quantity	Price	Price Unit	Ext. Price
20	95001104	06/21/2019	1.000 EA	37,205.16 USD	1 EA	37,205.16 USD

(S)M137VPC3-A-53.958

BOL#: 82805128

Invoice Amount

37,205.16 USD

REQUISITION NO. _____

PO NO. 314773RECEIPT NO. 387573VOUCHER NO. 1367715

7/26

V

FUND: 82686 DEPT: 6010101

PROGRAM: 149 ~~149~~ 602ACCOUNT: 730373

OPERATOR UNIT: CRWRRF

CONTRACT: _____ PROJECT: 1-2743APPROVAL: Mail

For Billing questions, please call: 866-739-6673

This transaction is governed by Rexnord's Standard Terms and Conditions of Sale available at

www.Rexnord.com/terms

Vendor # 21550

REXNORD

Shipped From:
Rexnord Industries, LLC
3001 W Canal St
MILWAUKEE WI 53208
USA

RECEIVED
OAKLAND COUNTY-WRC

JUN 24 2019

Clinton River
Water Resource Recovery Facility

Delivery :82805128
Page 1 of 2
06/21/2019 11:01:30

Packing List

Ship to Address

OAKLAND COUNTY WRC
CLINTON RIVER WRRF
155 N. OPDYKE ROAD
PONTIAC MI 48342
USA
Ship to Party PO No.:

Information

Delivery No. 82805128
Purchase Order No USCTY-0000314773
Sales Order Number 1151632
Customer Number 3030318
Bill of Lading
Delivery Terms: FOB Origin, PPD+Allow.Included

Document Date 06/20/2019
Purchase Order Date 10/22/2018
Sales Order Date 10/22/2018

Ship Date 06/21/2019
Total Weight 2130.000 LB
Net Weight

Carrier Information

Carrier: R & L CARRIERS
Service Level: LTL Standard Ground

Item	Material/Description	PO Line#	Quantity	Ext.NetWeight
10	95001104 (S)M137VPC3-A-53.958 Order/ Item: 1151632/20 With the following configuration Product Type V-Class Parallel Shaft Product Size M137 Lead Time (Weeks) 10 Low Speed Shaft Solid Shaft Number of Reduction Stages Triple Reduction Nominal Ratio 53.958 Assembly Number 22 Motor Horsepower 100 Service Factor 1.38 Input RPM 1,750 Output RPM 32.43 Oil Capacity (Gals) 9.0 Oil Level - High (inch) 2.44 Oil Level - Low (inch) 2.68 Coupling Req'd Coupling Not Required		1.000 EA	10.000 LB

Thank you for your business

Screw Pump No. 1
Item No. 2 Paid by WRC

RECEIVED
OAKLAND COUNTY-WRC

Ship To

City Of Pontiac WWTP
Attn: Aaron Langworthy
155 N Opdyke
Pontiac MI 48342
USA

JUL 24 2019

Clinton River
Water Resource Recovery Facility

INVOICE

Date	Number	Page
7/24/2019	193056	1 of 1



35 Silverdome Industrial Park West
Pontiac, MI 48342-2994
Phone: 248-758-0500
Fax: 248-758-0505

Bill To C00693

Oakland County Drain Commission
EMAIL INVOICES:rieglea@oakgov.com
1 Public Works Dr
Waterford MI 48328
USA

Job #	Customer PO#	Sales Rep	FOB	Ship Via	Shipping Terms	Terms	Due Date
9763	BLK #003728	H4P / CDM	Shipping Point	Other	No Charge	Net 30	8/23/2019

Item # / UoFM	Ord	Shp	BO	Description	Sales Price	Total
MIPR Each	1	1	0	Final Alignment of Screw Pump 1	\$722.50	\$722.50

FUND: 82686 DEPT: 6010101

PROGRAM: 149 ~~FF~~ 602

ACCOUNT: 730373

OPERATOR UNIT: CRWRRF

CONTRACT: 5306 PROJECT: 1-2743

APPROVAL: *Mat*

project activity - STD

Subtotal:	\$722.50
Tax:	\$0.00
Total:	\$722.50



35 Silverdome Industrial Park West
 Pontiac, MI 48342-2994
 Phone: 248-758-0500
 Fax: 248-758-0505
 www.ProSealsg.com

SALES QUOTATION		
Date	Number	Page
7/8/2019	9763	1 of 1

Bill To C00693

Oakland County Drain Commission
 EMAIL INVOICES:rieglea@oakgov.com
 1 Public Works Dr
 Waterford, MI 48328

Ship To

Oakland County Drain
 Attn: Aaron Langworthy
 155 N Opdyke
 Pontiac MI 48342
 USA

Delivery	Reference	Terms	FOB	Ship Via	Shipping Terms
7/10/19	BLK #003728	Net 30	Shipping Point	Other	No Charge

Quantity	Description	Cost	Ext. Cost	Price	Extended
1	Final Alignment of Screw Pump 1	\$0.00	\$0.00	\$0.00	\$0.00
	Material Subtotal		\$0.00		\$0.00
8.5	Jobsite Service - 7/10/19, Assist with Motor (Base previously modified) install and final align	\$75.00	\$637.50	\$85.00	\$722.50
	Service Subtotal		\$637.50		\$722.50

If questions, please contact: Jim Allie 810-955-3224

~ A Fluid Company in a Fluid Industry ~

This proposal is subject to Pro-Seal Service Group's standard terms and conditions which are incorporated by reference or attached. Total amount excludes any sales tax or freight charges unless specifically detailed in above quote. Quote pricing is valid for 30 days from quote date.

TOTAL: \$722.50

Screw Pump No. 1
Item No. 3 Paid by WRC

Ship To

City Of Pontiac WWTP
Attn: Aaron Langworthy
155 N Opdyke
Pontiac MI 48342
USA

RECEIVED
OAKLAND COUNTY-WRC

AUG 01 2019

Clinton River
Water Resource Recovery Facility

INVOICE

Date	Number	Page
7/29/2019	193173	1 of 1



35 Silverdome Industrial Park West
Pontiac, MI 48342-2994
Phone: 248-758-0500
Fax: 248-758-0505

Bill To C00693

Oakland County Drain Commission
1 Public Works Dr
Waterford MI 48328
USA

Job #	Customer PO#	Sales Rep	FOB	Ship Via	Shipping Terms	Terms	Due Date
9617	BLKT 003728	44P / CDM	Shipping Point	Customer Pick Up	No Charge	Net 30	8/28/2019

Item # / UofM	Ord	Shp	BO	Description	Sales Price	Total
MIPR Each	1	1	0	Machine Motor to Screw Pump #1	\$300.00	\$300.00

8/1
FUND: 82686 DEPT: 6010101

PROGRAM: 149110 662

ACCOUNT: 730373

OPERATOR UNIT: CRWRRF

CONTRACT: 5306 PROJECT 1-2743

APPROVAL: *[Signature]*

Subtotal:	\$300.00
Tax:	\$0.00
Total:	\$300.00



35 Silverdome Industrial Park West
Pontiac, MI 48342-2994
Phone: 248-758-0500
Fax: 248-758-0505
www.ProSealsg.com

SALES QUOTATION		
Date	Number	Page
5/28/2019	9617	1 of 1

Bill To C00693

Oakland County Drain Commission
EMAIL INVOICES:rieglea@oakgov.com
1 Public Works Dr
Waterford, MI 48328

Ship To

Oakland County Drain
Attn: Aaron Langworthy
155 N Opdyke
Pontiac MI 48342
USA

Delivery	Reference	Terms	FOB	Ship Via	Shipping Terms
7/8/19	BLKT 003728	Net 30	Shipping Point	Customer Pick Up	No Charge

Quantity	Description	Cost	Ext. Cost	Price	Extended
1	Machine Motor to Screw Pump #1	\$0.00	\$0.00	\$0.00	\$0.00
	Material Subtotal		\$0.00		\$0.00
2	Machshop-Mill Motor Feet Down .100	\$62.00	\$124.00	\$75.00	\$150.00
2	Machshop- Drill Holes .125 Larger	\$62.00	\$124.00	\$75.00	\$150.00

Important Note*

Unit should be marked and recorded/Tagged
and on file , Motor has been modified for future
consideration and/or replacement...

Base mounts had .100 removal to allow for final
alignment correction of Motor to #1 Screw
pump

Service Subtotal \$248.00 \$300.00

If questions, please contact: Christopher Marshall

~ A Fluid Company in a Fluid Industry ~

This proposal is subject to Pro-Seal Service Group's standard terms and conditions which are incorporated by reference or attached. Total amount excludes any sales tax or freight charges unless specifically detailed in above quote. Quote pricing is valid for 30 days from quote date.

TOTAL: \$300.00



Rexnord Industries LLC
PO Box 2022
Milwaukee WI 53201

Remit-To : Rexnord Industries LLC
Box 93944
Chicago, IL 60673-3944
Wire: ABA-071000013 Acct 51-15620
Swift BIC Code: CHASUS33

Invoice: 93814188
Page 1 of 1
01/16/2019 23:58:01

Screw Pump No. 2
Item No. 1 Paid by WRC

Invoice

Bill-To-Party OAKLAND COUNTY WRC 1 PUBLIC WORKS DRIVE WATERFORD MI 48328 USA		Sold-To-Party# 3030318 OAKLAND COUNTY WRC 1 PUBLIC WORKS DRIVE WATERFORD MI 48328 USA RECEIVED OAKLAND COUNTY-WRC JAN 24 2019				
Ship-To-Party# 3030318 OAKLAND COUNTY WRC CLINTON RIVER WRRF 155 N. OPDYKE ROAD PONTIAC MI 48342 USA		Information Invoice No. 93814188 Invoice Dt. 01/16/2019 Ref. Order No. 1151576 Purchase Order USCTY-0000314773 Purchase Order 10/22/2018 Customer No. 3030318 Currency USD Payment Terms New Account Up to 02/15/2019 without deduction Delivery Terms ABS FOB Origin, PPD+Allow.Included Carrier YRC WORLDWIDE PRO# 7592684871				
		Clinton River Water Resource Recovery Facility				
Item	Material/Desc.	Date Shipped	Quantity	Price	Price Unit	Ext. Price
20	95001104 (S)M137VPC3-A-53.958 REPAIR BOL#:	01/16/2019	1.000 EA	37,205.16 USD	1 EA	37,205.16 USD
Invoice Amount						37,205.16 USD
<div><div>FUND: 82686 DEPT: 6010101 PROGRAM: 149118 149662 ACCOUNT: 730373 OPERATOR UNIT: CRWRRF CONTRACT: PROJECT: 1-2743 APPROVAL: _____</div><div>1/24</div></div>				REQUISITION NO. _____ PO NO. 314773 RECEIPT NO. 374374 VOUCHER NO. _____		

For Billing questions, please call: 866-739-6673

This transaction is governed by Rexnord's Standard Terms and Conditions of Sale available at
www.Rexnord.com/terms

REXNORD

Shipped From:
Rexnord Industries, LLC
3001 W Canal St
MILWAUKEE WI 53208
USA

Delivery :82545284
Page 1 of 2
01/16/2019 13:22:52

Packing List

Ship to Address

OAKLAND COUNTY WRC
CLINTON RIVER WRRF
155 N. OPDYKE ROAD
PONTIAC MI 48342
USA
Ship to Party PO No.:

Information

Delivery No.	82545284	Document Date	01/16/2019
Purchase Order No	USCTY-0000314773	Purchase Order Date	10/22/2018
Sales Order Number	1151576	Sales Order Date	10/22/2018
Customer Number	3030318		
Bill of Lading		Ship Date	01/16/2019
Delivery Terms:	FOB Origin, PPD+Allow.Included	Total Weight	2180.000 LB
		Net Weight	

Carrier Information

Carrier: YRC WORLDWIDE
Service Level: LTL Standard Ground

Item	Material/Description	PO Line#	Quantity	Ext.NetWeight
10	95001104 (S)M137VPC3-A-53.958 REPAIR Order/ Item: 1151576/20 With the following configuration Product Type V-Class Parallel Shaft Product Size M137 Lead Time (Weeks) 10 Low Speed Shaft Solid Shaft Number of Reduction Stages Triple Reduction Nominal Ratio 53.958 Assembly Number 22 Motor Horsepower 100 Service Factor 1.38 Input RPM 1,750 Output RPM 32.43 Oil Capacity (Gals) 9.0 Oil Level - High (inch) 2.44 Oil Level - Low (inch) 2.68 Coupling Req'd Coupling Not Required		1.000 EA	10.000 LB

Thank you for your business

YRC Freight 10990 Roe Ave Overland Park, KS 66211-1213 (EIN 34-0492670) (RDWY)		Customer Service Center: 1.800.610.6500		759-268487-1	
PICK UP DATE 11-14-19	DESTINATION 223-1	RATE CODE /	ITEM/TENDER NO. NS	PAGE 01 OF 02	
USCTY-0000314773			SHIPPER CODE 0073	ADV CA/CL CODE 22	
REXNORD IND 3001 W CANAL ST MILWAUKEE WI 53208			BEY CA/CL CODE	313	
OAKLAND COUNTY WRC CLINTON RIVER WRRF 155 N OPDYKE RD PONTIAC MI 48342			SERVICE EXCER	YRC TARIFFS LIMIT CARRIER'S LIABILITY. ALL FREIGHT RECEIVED IN GOOD ORDER AND SHRINKWRAP/BANDING INTACT UNLESS NOTED	
OAKLAND COUNTY WRC CLINTON RIVER WRRF 155 N OPDYKE RD PONTIAC MI 48342			CONS. CODE	TM 313	RECEIVED BY - PRINTED NAME SIGNED: <i>Steve [Signature]</i> DATE: 1-18-19 TIME:

OR GBL NO. 02545284		INVOICE		CHARGEABLE			
NO. H/U	PKG.	HM	DESCRIPTION OF ARTICLES	CODE	WEIGHT (LB.)	RATE	CHARGES
1	SKD		GEAR MOTORS OR PARTS NMFC=06207001 CLC70		2180		
1	TTL	////	C: 248-858-7942 PAYER FOR SHIPPER: REXNORD GLOBALTRANZ PO BOX 6348	TTL	2180		PP

☐ LIFTGATE ☐ SORT/SEGREGATION ☐ LIMITED ACCESS
☐ INSIDE DELIVERY ☐ RESIDENTIAL DELIVERY ☐ OTHER

CONSIGNEE'S COPY

YRC Freight 10990 Roe Ave Overland Park, KS 66211-1213 (EIN 34-0492670) (RDWY)		Customer Service Center: 1.800.610.6500		759-268487-1	
PICK UP DATE 11-14-19	DESTINATION 223-1	RATE CODE /	ITEM/TENDER NO. NS	PAGE 02 OF 02	
USCTY-0000314773			SHIPPER CODE 0073	ADV CA/CL CODE 22	
REXNORD IND 3001 W CANAL ST MILWAUKEE WI 53208			BEY CA/CL CODE	313	
OAKLAND COUNTY WRC CLINTON RIVER WRRF 155 N OPDYKE RD PONTIAC MI 48342			SERVICE EXCER	YRC TARIFFS LIMIT CARRIER'S LIABILITY. ALL FREIGHT RECEIVED IN GOOD ORDER AND SHRINKWRAP/BANDING INTACT UNLESS NOTED	
OAKLAND COUNTY WRC CLINTON RIVER WRRF 155 N OPDYKE RD PONTIAC MI 48342			CONS. CODE	0.032 TM 313	RECEIVED BY - PRINTED NAME SIGNED: <i>[Signature]</i> DATE: TIME:

OR GBL NO. 02545284		INVOICE		CHARGEABLE			
NO. H/U	PKG.	HM	DESCRIPTION OF ARTICLES	CODE	WEIGHT (LB.)	RATE	CHARGES
			SCOTTSDALE AZ 85261 PO=USCTY-0000314773 LO#: 16946338	PODP			1-18-19

☐ LIFTGATE ☐ SORT/SEGREGATION ☐ LIMITED ACCESS
☐ INSIDE DELIVERY ☐ RESIDENTIAL DELIVERY ☐ OTHER

Item	Material/Description	PO Line#	Quantity	Ext.NetWeight
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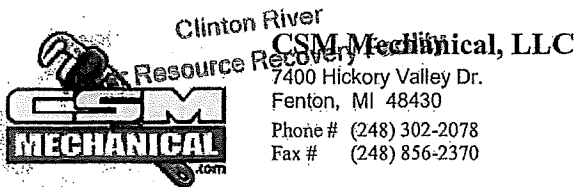
	Remanufacture or Repair?	Repair		
--	--------------------------	--------	--	--

Thank you for your business

OAKLAND COUNTY-WRC

MAR 18 2019

Screw Pump No. 2
Item No. 2 Paid by WRC



Invoice

Date	Invoice #
2/21/2019	2019-0051

Bill To
Oakland County WRC One Public Works Drive Building 95 West Waterford, MI 48328

Ship To
Auburn WWTP Pontiac

P.O. Number	Terms	Due Date
	Net 30	3/23/2019

Description	Amount
Screw Pump Gearbox Placement & Alignment	
Labor <i>29 hrs. @ \$90./hr.</i>	2,610.00
Materials- Motor/Pump Shim Kit <i>2 x 75.</i>	53.20
Vehicle/Tool Allowance	150.00
<p>wo # 767939</p> <p>ok to pay <i>AL</i></p> <p><i>3/18</i></p> <p>REQUISITION NO. _____</p> <p>PO NO. <u>323889</u></p> <p>RECEIPT NO. <u>379075</u></p> <p>VOUCHER NO. _____</p> <p><i>3/26</i></p> <p>FUND: 02000 DEPT: 6010101 PROGRAM: 149110-662 ACCOUNT: <u>730373</u> OPERATOR UNIT: CRWRRF CONTRACT: _____ PROJECT: <u>1-2743</u> APPROVAL: <i>[Signature]</i></p>	

WE ACCEPT MASTER CARD, VISA, AND DISCOVER CARD

Total	\$2,813.20
Payments/Credits	\$0.00
Balance Due	\$2,813.20

CSM MECHANICAL, LLC 7400 HICKORY VALLEY DRIVE FENTON, MI 48430 TEL: 248.521.0981 FAX: 517.540.9704					
CUSTOMER P.O. NO.	DATE OF INVOICE	Aaron Langworthy	PHONE NO.	OOWRC Pontiac-Auburn VWTP	CSM JOB # 2019-0051
JOB NAME	ADDRESS				
SERVICE REQUESTED OR TROUBLE REPORTED:	Perform screw pump gearbox installation				
MAKE	MODEL	SERIAL NO.	WARRANTY CONTRACT		
SERVICE PERFORMED:			X	NORMAL SERVICE CONTRACT	
02/15/19: Asked to inspect and provide a quote for the placement of the OWNER-SUPPLIED screw pump gear box. 02/20/19: Loaded tools and equipment at CSM Mechanical. Arrived on site and performed the placement of the OWNER-SUPPLIED screw pump gear box. Performed the "rough" alignment with shim kit and adjusted placement accordingly. 02/21/19: Performed the "final" alignment of the crew/pump gear box. Locked the gear box into place and installed the associated gear box couplings. Performed the laser alignment of the new gear box and adjusted the placement accordingly. Cleaned the site and removed the associated debris. Returned to CSM Mechanical and put away tools and equipment.					
RECOMMENDATIONS OR ADDITIONAL REPAIRS NEEDED:					
CUSTOMERS SIGNATURE	SERVICEMAN SIGNATURE				COMPLETE
					INCOMPLETE

Ship To

City Of Pontiac WWTP
Attn: Doug Stover
155 N Opdyke
Pontiac MI 48342
USA

Screw Pump No. 2
Item No. 3 Paid by WRC

INVOICE

Date	Number	Page
5/31/2019	192259	1 of 1



35 Silverdome Industrial Park West
Pontiac, MI 48342-2994
Phone: 248-758-0500
Fax: 248-758-0505

Bill To C00693

Oakland County Drain Commission
1 Public Works Dr
Waterford MI 48328
USA

Job #	Customer PO#	Sales Rep	FOB	Ship Via	Shipping Terms	Terms	Due Date
9486	Blkt #003728	44P / CDM	Shipping Point	Customer Pick Up	Customer Pick Up	Net 30	6/30/2019

Item # / UofM	Ord	Shp	BO	Description	Sales Price	Total
MIPR Each	1	1	0	On-Site Alignment Screw Pump Station	\$1,527.50	\$1,527.50

	Subtotal:	\$1,527.50
	Tax:	\$0.00
	Total:	\$1,527.50



35 Silverdome Industrial Park West
 Pontiac, MI 48342-2994
 Phone: 248-758-0500
 Fax: 248-758-0505
 www.ProSealsg.com

*CUSTOMER COPY
 STAND w/ INVOICE
 5/18*

SUBJOB COPY		
Date	Number	Page
2/28/2019	9486	1 of 1

Bill To C00693

RECEIVED

Ship To

Oakland Country Drain Commission
 1 Public Works Dr
 Waterford, MI 48328
 US
 Clinton River
 Phone: 248-858-0958
 Water Resource Recovery Facility

City Of Pontiac WWTP
 Attn: Aaron Langworthy
 155 N Opdyke
 Pontiac, MI 48342
 US

Ship Date	Customer PO	Sales Rep	Terms	FOB	Ship Via	Shipping Terms
03/04/2019	Blkt #003728	44P / CDM	Net 30	Shipping Point	Customer Pick Up	Customer Pick Up

Qty / UofM	Item # / Description	Cost	Ext. Cost	Price	Ext. Price
1 Each	MIPR On-Site Alignment Screw Pump Station	\$0.00	\$0.00	\$0.00	\$0.00
Material Subtotal			\$0.00		\$0.00
5 HR	MACHSHOPOT Machshop - Overtime, Machshop- Mill Motor Feet Down .030	\$93.00	\$465.00	\$115.00	\$575.00
3 HR	MACHSHOPOT Machshop - Overtime, Machshop- Mill Holes Out .125 Larger	\$93.00	\$279.00	\$115.00	\$345.00
3 Hr	MACHSHOP Machshop, Set up Motor in large mill	\$62.00	\$186.00	\$75.00	\$225.00
4.5 Hr	SITETECH Jobsite Service - 2/25/19, 2/28/19, 3/7/19	\$75.00	\$337.50	\$85.00	\$382.50
Service Subtotal			\$1,267.50		\$1,527.50

6/11

*AL
 OK to Pay
 6/11/19*

wo# 839110

Voucher # 1362576 6/28

FUND: 82686 DEPT: 6010101
 PROGRAM: ~~149110~~
 ACCOUNT: 130313
 OPERATOR UNIT: CRWRRF
 CONTRACT: 5306 PROJECT: 1-2743
 APPROVAL: *[Signature]*

SPD

~ A Fluid Company in a Fluid Industry ~

SUBTOTAL: \$1,527.50

Screw Pump No. 3
Item No. 1 Paid by WRC

Invoice

Bill-To-Party OAKLAND COUNTY WRC 1 PUBLIC WORKS DRIVE WATERFORD MI 48328 USA		Sold-To-Party# 3030318 OAKLAND COUNTY WRC 1 PUBLIC WORKS DRIVE WATERFORD MI 48328 USA	
Ship-To-Party# 3030318 OAKLAND COUNTY WRC Building 95 West 1 PUBLIC WORKS DRIVE WATERFORD MI 48328 USA		Information Invoice No. 93465070 Invoice Dt. 03/21/2018 Ref. Order No. 946613 Purchase Order USCTY-000029954 Purchase Order 01/22/2018 Customer No. 3030318 Currency USD Payment Terms New Account Up to 04/20/2018 without deduction Delivery Terms ABS FOB Origin, PPD+Allow.Included Carrier USF HOLLAND MOTOR EXPRESS PRO# 1045872947	

FUND: 82686 DEPT: 6010101
PROGRAM: 149111 149662
ACCOUNT: 130373
OPERATOR: UNIT: CRWRRF
CONTRACT: X PROJECT: 1-2743
APPROVAL:

Item	Material/Desc.	Date Shipped	Quantity	Price	Price Unit	Ext. Price
10	95001104 M137VPC3-A 53.958 REPAIR BOL#:	03/21/2018 82050752	1.000 EA	25,282.00 USD	1 EA	25,282.00 USD
Tax Total						1,516.92
Invoice Amount						26,798.92 USD

3/28
REQUISITION NO. _____
PO NO. 299254
RECEIPT NO. 349500
VOUCHER NO. _____

RECEIVED
OAKLAND COUNTY-WRC
MAR 28 2018
Clinton River
Water Resource Recovery Facility

For Billing questions, please call: 866-739-6673

This transaction is governed by Rexnord's Standard Terms and Conditions of Sale available at
www.Rexnord.com/terms

Full rebuild for the qual box - for screw pump #3

Screw Pump No. 3
Item No. 2 Paid by Sorensen Gross



590 South Paddock
Pontiac, MI 48341

TEL: (248) 333-1333 FAX: (248) 333-1426

SHIP TO:

Eastern Oil

590 South Paddock

Pontiac, MI 48341

TEL: () -

SOLD TO:

COUNTER SALE
590 South Paddock Street

Pontiac, MI 48341

ORDER RECEIPT ACKNOWLEDGEMENT

Entry no.	Date	Cust
SO0150311	4/17/2018	BP-0002370

Reference Sorenson Gross

Delivery mode

Carrier CPU

Product	Delivery date	Quantity	Net Pri Tax excl	Net amt Tax excl
2I817304 OMA LA S4 GX 320 PAIL	4/18/2018	2.000 PL	240.9600	481.92

Payment terms COD

Subtotal: 481.92

Shipping and Handling:	0.00
Short Load:	0.00
Emergency Fee:	0.00
Minimum Order:	0.00
Bank Fees:	0.00
RCF:	9.87
Credit Card Handling Fee:	3.00%, = 14.46

Tax: 0.00

INVOICE TOTAL: 536.04



Sorensen Gross
3407 Torrey Road
Flint, MI 48507

Invoice #: 69276
Invoice Date: 05-30-18
Customer #: 81807
Job #: 8519
Extra #:
PO #: 89806.001

PROVIDING THE NECESSARY LABOR, MATERIALS AND EQUIPMENT FOR
THE PONTIAC WWTP PHASE 1 PUMPS

100/0

OK
SA
7-3-18

CONTRACT AMOUNT	\$9,657.45
COMPLETE TO DATE	9,657.45
PREVIOUSLY BILLED	.00
AMOUNT THIS BILLING	9,657.45
LESS RETAINER	.00
NET DUE	<u>\$9,657.45</u>

RECEIVED
JUN 25 2018
SORENSEN GROSS



CONTRACTOR'S NOTARIZED SWORN STATEMENT
SUBCONTRACTOR/SUPPLIER PAYMENT SUMMARY

Contractor Name: COMMERCIAL CONTRACTING CORP JOB 8519
Address: 4260 NORTH ATLANTIC BLVD.
City: AUBURN HILLS State: MICHIGAN
Facility: _____
Contract / Purchase Order No: 089806-001 Owner's Representative: _____
Description of Work: PONTIAC WWTP PH 1 GEAR BOX & PUMPS
Invoice Number: 69276 Invoice Date: 5/30/2018

The undersigned company (Contractor) is requesting payment of the invoice described above for work performed under its contract (the contract) with the Owner or Owner's Agent to make physical improvements (Improvements) to the real property (Facility described above and declares that all funds received from the Owner will be applied to the Contractor's obligations to its subcontractors, suppliers, and laborers in connection with such improvements, as set forth in the column entitled "Pay This Request" in the Subcontractor/Supplier Payment Summary attached hereto and incorporated herein by reference.

(Deponent's Name) STEVE TEPER, being duly sworn, deposes and says: That he/she being duly authorized makes this statement on behalf of the Contractor; That the attached Subcontractor/Supplier Payment Summary is a complete and accurate statement by the contractor of all subcontractors, suppliers or laborers with whom the Contractor has contracted or committed for furnishing or labor and/or materials or equipment in connection with the improvements or the Contract and a complete and accurate statement by the contractor of the amount due to each of them as set forth opposite their names; That the amounts set forth in the Subcontractor/Supplier Payment Summary are directly related to the above stated Contract/Purchase Order Number and do not contain amounts for any other Improvements and/or any other Contract/Purchase Order Number and/or any other facility at a different location; That the Contractor has not procured material from or subcontracted with any person other than those set forth on the attached Subcontractor/Supplier Payment Summary, and owes no money for work for the Improvements other than the sums opposite the names indicated on the Subcontractor/Supplier Payment Summary; That the Contractor acknowledges that the Owner will be relying on the Contractor's representations and statements in this Contractor's Notarized Sworn Statement and the attached Subcontractor/Supplier Payment Summary in making any payment of the invoice to the contractor; and That the Contractor agrees to indemnify, defend and hold Owner Harmless from and against all costs, liabilities, expenses and damages, including court costs and attorney's fees, arising out of or resulting from any incorrect, incomplete or false statements of the Contractor in this Contractor's Notarized Sworn Statement or the attached Subcontractor/Supplier Payment Summary.

WARNING TO DEPONENT: A PERSON WHO, WITH INTENT TO DEFRAUD, GIVES A FALSE SWORN STATEMENT IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED FOR AND GOVERNED BY THE LAWS IN THE STATE WHERE THE PHYSICAL IMPROVEMENT IS TAKING PLACE.

Contractor Name: COMMERCIAL CONTRACTING CORP JOB
By: STEVE TEPER / CFO
(Deponent's Signature) (Print/type Name & Title of Deponent)

Subscribed, Sworn to and Acknowledged before me this 15TH Day of JUNE, 2018
Notary Public Name: ROSALYN SCHNEIDER
(Print or Type) (Signature)

County of MACOMB State of: MICHIGAN
My Commission Expires: JANUARY 25 2023

Rosalyn Schneider
Notary Public- State of Michigan
County of Macomb
My Commission Expires: Jan, 25, 2023

Invoice No.	69276
Invoice Date:	5/30/2018
Date:	6/15/2018

Purchase Order No.: 89806-001[illegible]

DEPENDENT DECLARES THAT ALL LABORER WAGES, FRINGE BENEFIT CONTRIBUTIONS AND WITHHOLDINGS, AS REQUIRED BY LAW, HAVE BEEN PAID. SUPPLEMENTARY SCHEDULE IS ATTACHED IF (DUE AND UNPAID)									
1	2		3	4	5	6	7	8	9
Name of Subcontractor, Supplier, Laborer	Type of Improvement or Material Provided	% COMPLETE	Original Contract Amount	Total Amount of Contract Alterations To-Date	(Col. 3 + 4) Total Contract Value	Previously Paid Amount	Pay This Request	Total Retention Withheld	(5-8-7) Contract Balance (Includes Column 8)
					\$0			-	-
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Screw Pump No. 3
Item No. 4 Paid by Sorensen Gross

89 806 -001
V: 15026

Invoice



Industrial Services

Rexnord Industrial Services
5210 Edwards Rd
Taylors, SC 29687

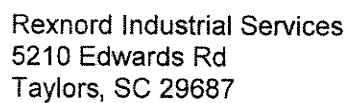
Phone: 800-235-6371
Fax: 864-232-7828
www.rexnord.com

Invoice #	177407
Invoice Date:	6/7/2018
Sales Order #:	75909
Page#:	1 of 3

Bill To: Sorensen Gross Construction Svcs Attn Accounts Payable 111 E Court St STE 1A Flint MI 48502 US	Ship To: Sorensen Gross Construction Svcs 3407 Torrey Rd Flint MI 48507 US
---	---

Customer ID:	Customer PO:	Ship Via:	F.O.B:
9016	15026	Field Services Onsite	Factory - Taylors, SC
Sales Person:	Order Date:	Ship Date:	Payment Terms:
House Account	06/06/2018	6/07/2018	Cash in Advance

Ordered	Shipped	B/O	Description	Unit Price	Extended Price
1	1	0	Customer Part#: Vendor Part#: FSFRP-Field Service Misc Description: FRP Field Service Supply (1) Field Service Technician to travel to WRC WWTP (Pontiac WWTP) located in Pontiac, MI to perform an inspection (includes four hour test run), verify installation per Falk guidelines and verify torque limiter settings on a Falk gearbox located on pump #3 at the facility. Requested on-site date of 6/7/2018 to be confirmed at time of order based on availability. *** Customer to supply any parts required ***Workscope: 1) Visual inspection of installation site 2) Check and document alignment of HS & LS couplings per Falk manual guidelines 3) Verify use of EP based petroleum or synthetic lubricant per FALK guidelines 4) Confirm torque limiter settings 5) Perform a four hour test run 6) After completion the technician will return to the office to prepare a comprehensive report to include: any pictures, visual inspection findings, and any pertinent details which will be sent to customer. ***NOTES: * This is a final billing for One Technician to travel	\$5,390.00	\$5,390.00
Contract Amount:			5890.00		
Amount Billed:			5390.00		
Less % Retention:					
Sub Total:					
Less Previous Paid:					
Total Due:					



Phone: 800-235-6371
Fax: 864-232-7828
www.rexnord.com

Invoice #	177407
Invoice Date:	6/7/2018
Sales Order #:	75909
Page#:	2 of 3

			and work (1) Eight hour day during weekdays.		
			Comments:		

<u>Remit Check Payment To:</u> Rexnord Industrial Services PO Box 95154 Chicago, IL 60694-5154	<u>Remit ACH Payment To:</u> BMO Harris Bank 111 W. Monroe Street Chicago, IL 60603 Routing# 071000288 Account# 2061141	<u>Remit Wire Payment To:</u> BMO Harris Bank 111 W. Monroe Street Chicago, IL 60603 Routing# 071000288 Account# 2061141	Subtotal: \$5,390.00 Freight: \$0.00 Misc Charge: \$0.00 Sales Tax: \$0.00 Total: \$5,390.00
--	---	--	---

REXNORD INDUSTRIAL SERVICES
5210 EDWARDS ROAD, TAYLORS, SC 29687

TERMS AND CONDITIONS

1. ACCEPTANCE. Cline Acquisition Corp. DBA Rexnord Industrial Services ("Company") HAS ACCEPTED THE ORDER BY "CUSTOMER" OF THE PRODUCTS SET FORTH ON THE FACE OF THE INVOICE ATTACHED HERETO (the "Products") ONLY ON THE TERMS AND CONDITIONS SET FORTH HEREIN (these "Terms and Conditions," and, collectively with the pricing terms of the invoice attached hereto, this "Agreement"). AND ANY TERM OR CONDITION PROPOSED IN A PURCHASE ORDER OR OTHER DOCUMENT THAT IS INCONSISTENT WITH OR IN ADDITION TO THOSE CONTAINED HEREIN IS HEREBY REJECTED, UNLESS SPECIFICALLY ACCEPTED BY COMPANY AND SO ACKNOWLEDGED IN WRITING BY A SENIOR OFFICER OF COMPANY. NO OTHER OFFICERS OR SALES REPRESENTATIVES OF COMPANY ARE AUTHORIZED TO ALTER, VARY, OR WAIVE ANY OF THESE TERMS AND CONDITIONS.

2. PRICES. Any prices quoted by Company are subject to adjustment to reflect Company's prices in effect at the time of shipment, including any increases in raw material, energy, transportation, packing, storage, shipping charges, taxes, or insurance costs.

3. CHANGES OR CANCELLATIONS. Although Company shall make reasonable efforts to accommodate any requested change in specifications while work is in progress, Company does not guarantee its ability to make such changes. In the event that Company makes changes per Customer's request, Company reserves the right to charge Customer for any services, labor, or material discarded or added because of such changes. Should Customer for any reason desire to cancel an order, Customer must notify Company in writing, in which case Customer agrees to reimburse Company for all resulting costs and expenses that Company incurs. Notwithstanding anything set forth in this Section 3 or otherwise in this Agreement, in no event will Customer have the right to cancel any order of Products that Company has placed on its production schedule.

4. DELIVERY. Company shall make commercially reasonable efforts to keep Company's delivery commitment. However, the stated time of delivery is an estimate only, and Company shall not be liable for any delayed delivery or non-delivery of the Products caused by a Force Majeure Event (as defined below) or otherwise.

5. PARTIAL DELIVERY. Company reserves the right to make partial shipments and to submit invoices for partial shipments in accordance with these Terms and Conditions. If any part of the Products is not delivered, and thus is not in accord with the description of the Products contained in the order, the order for the remainder of the Products and the respective obligations of Customer and Company pursuant to this Agreement in connection therewith shall in no way be affected.

6. RISK OF LOSS; TITLE. Delivery shall be deemed made, and title to the Products shall be deemed to pass, to Customer upon tender to the carrier at the point of shipment. Customer assumes responsibility for all risk of loss and damage to the Products after they leave Company's premises.

7. INSPECTION AND SHORTAGES. Customer agrees to inspect the Products against shipping papers upon delivery. Except with respect to any partial delivery pursuant to Section 5, all objections to or claims relating to the Products, including shortage claims, that are reasonably discoverable upon such inspection must be noted on the carrier's delivery receipt, and Customer's sole remedy for such objectionable Products will be as set forth in Section 12. No such objectionable or rejected Products shall be returned, scrapped, or otherwise disposed of without Company's prior written consent. Company will instruct Customer as to the disposition of rejected Products.

8. TERMS OF PAYMENT; SUSPENSION OF PERFORMANCE. Unless otherwise specified in writing, Company's standard payment terms are net within 30 days from the date of this invoice. If shipment is delayed by request of Customer, payments become due as if shipment has been made on the original shipment date. An additional charge of 1.5% per month, but not to exceed the lawful maximum, may be added on any amount that is past due. If, in Company's judgment, reasonable doubt exists as to Customer's financial responsibility, or if Customer is past due in payment of any amount owing to Company, Company reserves the right, without liability and without prejudice to any other remedies, to suspend performance, decline to ship, or stop any Products in transit until Company receives payment of all amounts, whether or not due, owing to Company, or adequate assurance of such payment.

9. OFFSET. Customer agrees to pay the full purchase price of the Products and any other amounts due hereunder regardless of any offset or claim that may be asserted by Customer or on Customer's behalf.

10. COLLECTIONS. Customer agrees to pay any charges that Company incurs, including reasonable attorneys' fees, relating to the collection or enforcement of any indebtedness, liabilities, or obligations of Customer to Company.

11. TAXES. Company's quoted prices do not include any present or future sales, use, value added, excise, or other federal, state, or local taxes, unless specifically shown. Consequently, in addition to the prices specified herein, Customer shall pay and reimburse Company for any and all taxes that may become payable with respect to this transaction. It is Customer's responsibility to timely provide to Company any tax exemption certificates, if applicable.

12. SECURITY INTEREST. In order to protect Company's interest in the Products under applicable Uniform Commercial Code requirements, and in consideration of the mutual promises contained herein, Customer hereby agrees to and does hereby grant to Company a security interest in all of the Products sold to Customer by Company for the purpose of securing upon Company the payment of any and all indebtedness, liabilities, and obligations of Customer to Company then due or to become due and whether or not now existing or hereafter arising. Customer agrees to execute upon Company's request, and Customer hereby grants to Company a power of attorney and hereby authorizes Company to sign Customer's name to and to file, any additional agreements, assurances, or documents necessary to evidence this security interest or perfect this security interest as required by law, including, without limitation, UCC-1 financing statements.

13. WARRANTIES. Subject to the conditions stated herein, Company warrants that the Products substantially conform to the specifications and descriptions listed on the face hereof, subject to tolerances and variations consistent with usual trade. The Company further warrants, subject to the conditions stated herein, that each new product that is manufactured by Company will be free from defects in material and workmanship, and will deliver its rated capacity, for a period 12 months from the date of shipment to the Customer, provided such product is properly installed, properly maintained, and operates under normal conditions and with competent supervision. This warranty does not extend to normal wear parts or components of the Products, such as cross and bearings, splines, friction material, and drum surfaces. If any Products fail to substantially conform to such specifications and descriptions, Customer's sole remedy will be as set forth in Sections 12 and 12. THIS LIMITED EXPRESS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, AND COMPANY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Warranty claims should be made in writing and the applicable parts shall, if requested by Company, be returned prepaid to Company for inspection. Upon a determination by Company that a defect exists, Company shall, in its sole discretion, correct such defect either by repairing or replacing the defective part. Employees of Company are not authorized to warrant the suitability of any of Company's products for any particular use or application called for in Customer's business.

14. LIMITATIONS OF LIABILITY. THE LIMITED EXPRESS WARRANTY IN SECTION 13 SETS FORTH CUSTOMER'S SOLE REMEDY IN CONNECTION WITH THE PRODUCTS SUPPLIED HEREUNDER, AND IN NO EVENT SHALL COMPANY BE OTHERWISE LIABLE HEREUNDER OR OTHERWISE FOR ANY LOSS, DAMAGE, OR INJURY, WHETHER FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND OR IN ANY AMOUNT, ARISING OUT OF THIS AGREEMENT OR IN CONNECTION WITH THE PRODUCTS, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, REVENUES, ANTICIPATED SALES, BUSINESS OPPORTUNITIES, OR INTERRUPTION OF BUSINESS. COMPANY'S TOTAL AND EXCLUSIVE LIABILITY FOR NONPERFORMANCE, EVEN IF CAUSED BY COMPANY'S GROSS OR ORDINARY NEGLIGENCE UNDER THIS AGREEMENT SHALL BE STRICTLY LIMITED TO THE REMEDIES SET FORTH IN SECTION 12, AND IN NO EVENT SHALL DAMAGES EXCEED THE AMOUNT EQUAL TO THE LESSER OF THE PRICE OF THE PRODUCTS PAID BY CUSTOMER TO COMPANY PURSUANT TO THIS AGREEMENT OR THE COST OF CORRECTING THE

15. PROPRIETARY RIGHTS; INTELLECTUAL PROPERTY; CONFIDENTIALITY. All materials, including, but not limited to, information developed or provided by Company and any know-how, methodologies, or processes, including, but not limited to, all copyrights, trademarks, patents, trade secrets, and any other proprietary rights inherent therein and appurtenant thereto, used by Company to provide the Products (collectively, the "Company Materials") shall remain the sole and exclusive property of Company or its suppliers. Notwithstanding Customer's ownership of the Products, Customer shall acquire no interest in the Company Materials by virtue of this Agreement. Customer may use the Company Materials solely in connection with Customer's use of the Products. Customer may not reproduce, modify, or distribute the Company Materials, or use them for the benefit of any third party. All rights in the Company Materials not expressly granted to Customer are reserved to Company. Customer agrees to maintain in confidence, and not to disclose to third parties or use, except for such use as is expressly permitted herein, the Company Materials and any other information and materials provided by Company in connection with this Agreement that are identified or marked as confidential or are otherwise reasonably understood to be confidential.

16. INDEMNIFICATION. Customer hereby agrees to indemnify, defend, and hold harmless Company, its affiliates, agents, officers, employees, directors, representatives, successors, and assigns (each, an "Indemnified Party") from and against all losses, liabilities, costs, damages (including punitive damages and reasonable attorneys' fees), obligations, liens, or expenses whatsoever incident to any suit, claim, action, or proceeding against Company (collectively, "Claims") resulting from or relating to (a) an allegation of product defects, injury to persons or injury to property, negligence, or any other claim arising from or relating to the design, manufacture, sale, delivery, installation, transportation, maintenance, possession, use, or operation of the Products by Customer or on Customer's behalf or by operation of law or (b) an allegation that any of the Products or any part thereof sold hereunder infringe any patents applied for or issued or violate any other proprietary right existing as of the date hereof; provided, however, that the foregoing indemnification obligations shall not apply to the extent that any Claim was caused by the negligent acts or omissions or willful misconduct of Company.

17. REMEDIES OF CUSTOMER. With respect to any claim or objection relating to any Product furnished hereunder, if: (a) Customer notifies Company of any such claim or objection in writing within 10 days after Customer's receipt of shipment; (b) Company finds such Product is defective or otherwise fails to conform to the conditions of this Agreement; (c) upon Company's request (which shall occur, if at all, no later than 60 days after receipt of Customer's objection or claim), Customer returns the affected Products to the location specified by Company within 10 days after such request; and (d) all terms of payment hereunder have been fully met, then, as Customer's exclusive remedy, Company will at its option: (i) replace or repair the Products or portion of Products affected or (ii) refund the purchase price for such Product.

18. REMEDIES OF COMPANY. Customer agrees that should Customer breach this Agreement, or any other applicable agreement, Company may, in its sole discretion, do any one or more of the following: (a) recover from Customer the full purchase price and other amounts then due and as they shall thereafter become due under this Agreement; (b) enter upon the premises where the Products are located and take immediate possession of and remove the same without a court order or other process of law and without liability for any non-negligent damages occasioned by such taking of possession; (c) recover from Customer all costs and expenses incurred by Company because of Customer's breach (including reasonable attorneys' fees); and/or (d) exercise any other right or remedy that may be available to Company by law or in equity. No remedy referred to in this Section 18 is intended to be exclusive, but each shall be cumulative and in addition to all other remedies available to Company. No failure by Company to require strict compliance by Customer with any provision hereof shall be deemed a waiver by Company of such provision or non-compliance.

19. FORCE MAJEURE. Failure of Company to perform hereunder shall not be considered a breach of this Agreement if such failure is caused by a Force Majeure Event. For the purposes of this Agreement, a "Force Majeure Event" shall mean any fire; strike; lockout; flood; accident; delay in transportation; shortage of or inability to obtain material, supplies, fuel, or labor; war; acts of God; action taken on account of any acts, demands, orders, or regulations of any local, state, or federal government or any department or agency thereof, whether or not legally binding on Company; or any other contingency or event beyond Company's control.

20. ATTORNEYS' FEES. Should any dispute or litigation arise out of or in connection with this Agreement resulting from its acceptance in any form, including, but not limited to, suits filed in an attempt to collect payment, then, in the event that Company is successful, Customer shall reimburse Company for all costs and expenses incurred in connection therewith, including, but not limited to, reasonable attorneys' fees.

21. NOTICES. Any and all notices provided for herein shall be given in writing by personal delivery or registered or certified mail, postage prepaid, or by overnight air courier service, in each case sent to the respective addresses set forth below. If to Customer, the notice should be sent to the address set forth on the attached invoice, and if to Company, to 5210 Edwards Road, Taylors, SC 29687. Such notice shall be deemed given at the time it is delivered personally, three business days after it is deposited in any Post Office or branch Post Office regularly maintained by the United States Government, or one business day after deposit with an overnight air courier service. Each party shall be entitled to change its address for notices by a notice given in accordance with this Section 21.

22. ASSIGNMENT. This Agreement shall not be assigned by one party without the written consent of the other party; provided, however, that Company may freely assign any or all of its rights under this Agreement (including its indemnification rights), in whole or in part, without obtaining the consent or approval of Customer or of any other person: (a) to any current or future affiliate of Company; (b) to any entity into which Company may be merged or consolidated; or (c) in connection with any acquisition, restructuring, merger, conversion, or consolidation to which Company may be a party.

23. LAW AND JURISDICTION. The rights and duties of the parties and the performance, construction, interpretation, and effect of all provisions of this Agreement and all claims relating to the Products shall be governed by and construed according to the laws of the State of South Carolina, and to the extent they are applicable, the laws of the United States. CUSTOMER AGREES TO SUBMIT TO THE JURISDICTION OF THE COURTS OF THE STATE OF SOUTH CAROLINA IN ANY ACTION TAKEN BY COMPANY RELATING TO THIS AGREEMENT, INCLUDING, BUT NOT LIMITED TO, ALL ACTIONS BY COMPANY TO COLLECT AMOUNTS OWED TO COMPANY FOR PRODUCTS SOLD UNDER THIS AGREEMENT. CUSTOMER FURTHER AGREES THAT ANY ACTION TAKEN BY CUSTOMER AGAINST COMPANY SHALL BE BROUGHT IN THE COURTS OF THE STATE OF SOUTH CAROLINA AND SHALL NOT BE BROUGHT IN ANY OTHER JURISDICTION. CUSTOMER AND COMPANY WAIVE THEIR RIGHTS TO JURY TRIAL. CUSTOMER RECOGNIZES THAT THESE COVENANTS ARE ESSENTIAL PROVISIONS OF THIS AGREEMENT, AND ARE CONSIDERATION OWED BY CUSTOMER TO COMPANY HEREUNDER.

24. BUYER'S USE AND DISPOSAL; INDEMNIFICATION. Customer hereby agrees and represents that it will comply fully with all local, state, and Federal or national statutes and regulations applicable to its use of (as well as disposal of) the Products. Customer further hereby expressly agrees to indemnify and hold harmless Company from and against any and all claims, liabilities, or assessments imposed upon Company arising out of or in connection with Customer's use of (or disposal of) the Products, including Company's attorneys' fees incurred in connection with Company's defense against any attempted assertion of such claims, liabilities, or assessments.

25. Fair Labor Standards Act. The Products were produced in compliance with all applicable requirements of sections 6, 7, and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under section 14 thereof.

26. ASSUMPTION OF RISK. Customer assumes all risks and liabilities resulting from the use of any of the Products. Without limiting the generality of the foregoing, Customer expressly assumes all risks of patent infringement by reason of its use of goods or materials provided hereunder.

27. ENTIRE AGREEMENT. The terms set forth herein constitute the sole terms and conditions of the agreement between Customer and Company. However, if for any reason any term or provision is held to be void or unenforceable, the remaining terms and conditions will continue in full force and effect. No other terms, conditions, understanding, promises, covenants, representations, warranties, or agreements, or changes, cancellations, or suspensions of Customer's order, whether oral or written, shall be binding upon Company, unless hereafter made in writing and signed by a senior officer of Company.



Sorensen Gross Company
3407 Torrey Road – Flint, MI 48507

Purchase Agreement

REXNORD INDUSTRIAL SVCS
5210 EDWARDS RD
TAYLORS, SC 29687
Phone No.: 800-235-6371
Fax No: 864-232-7828

Contract: 1
Date: 06/05/2018
Job Number: 89806 001
Vendor Number: 15026
P.O. Amount: \$ 5,890.00

Project Name: NB-PONTIAC WWTP PHS1

Owner Name: OAKLAND COUNTY WATER RES

Architect Name:

The above named Vendor agrees to furnish the following. All work shall be done in strict accordance with the Contract Documents including plans and specifications as prepared by the Architect.

SCOPE OF WORK

SUPPLY (1) FIELD SERVICE TECHNICIAN TO TRAVEL TO WRC WWTP (PONTIAC WWTP) LOCATED IN PONTIAC, MI TO PERFORM AN INSPECTION (INCLUDES FOUR HOUR TEST RUN), VERIFY INSTALLATION PER FALK GUIDELINES AND VERIFY TORQUE LIMITER SETTINGS ON A FALK GEARBOX LOCATED ON PUMP #3 AT THE FACILITY. REQUESTED ON-SITE DATE OF 6/7/2018 TO BE CONFIRMED AT TIME OF ORDER BASED ON AVAILABILITY.

MILESTONES:

INCLUSIONS:

WORKSCOPE TO INCLUDE THE FOLLOWING (AS PER QUOTATION #22654, DATED 6/4/18):

1. VISUAL INSPECTION OF INSTALLATION SITE.
2. CHECK AND DOCUMENT ALIGNMENT OF HS & LS COUPLINGS PER FALK MANUAL GUIDELINES.
3. VERIFY USE OF EP BASED PETROLEUM OR SYNTHETIC LUBRICANT PER FALK GUIDELINES.
4. CONFIRM TORQUE LIMITER SETTINGS.
5. PERFORM A FOUR HOUR TEST RUN.
6. AFTER COMPLETION THE TECHNICIAN WILL RETURN TO THE OFFICE TO PREPARE A COMPREHENSIVE REPORT TO INCLUDE: ANY PICTURES, VISUAL INSPECTION FINDINGS, AND ANY PERTINENT DETAILS WHICH WILL BE SENT TO CUSTOMER.

EXCLUSIONS:

For the total sum of: 5,890.00

SALES TAX: Unless otherwise noted the above prices include all applicable sales and use taxes on material covered by this order and the seller accepts responsibility for such taxes.

SHOP DRAWINGS: Electronic Submittals are Highly Recommended (1) copy of all submittals will be required within 2 weeks of the execution of this Purchase Agreement

CANCELLATION: We reserve the right to cancel the entire order if not filled within the time specified. We also reserve the right to cancel any unfilled portion of this order which is due and has not been shipped. Cancellation by us under this provision shall not jeopardize any claim we may have against you for your failure to comply with the terms and conditions of this agreement.

BUYER ACCEPTANCE: Materials shipped against this order are subject to inspection, test, and rejection and if same does not meet our specifications will be held in our stock subject to your disposal and with no obligation to us.

Quantity or class of material ordered must not be exceeded or changed without first obtaining our consent in writing; material other than the sizes, etc., called for will not be accepted. Goods shipped in excess of quantity designated in this order or in any Shipping Instructions may be returned at Seller's expense.

PACKING AND TRANSPORTATION: No charge will be allowed for drums, containers, reels, crating, boxing for drayage unless stated on the order.

ACCEPTANCE: Acceptance of this order shall be acknowledged immediately. Raise objections, if any, before proceeding to execute this order.

INVOICING: Invoices shall (A) be rendered separately for each deliver; (B) cover not more than one order; (C) be rendered with order number noted thereon; (D) be submitted in compliance with Buyer's standard methods.

All invoices for work completed must be received by the Sorensen Gross office by the 25th of the month in order to process that invoice (unless otherwise stated).

TIME OF PAYMENT: payments to the material supplier/vendor shall be made no later than seven (7) days after receipt by the Contractor of payment from the Owner for such materials purchased.

All correspondence, especially invoices, delivery tickets, and any future quotations for this project must have the following clearly listed on them: (insert project # and name)

ASSIGNMENT: Any assignment of this order without the prior written consent of the Buyer shall be void.

COMPLIANCE WITH LAW: Seller agrees in connection with the production of the articles specified herein, to comply with all applicable requirements of the Fair Labor Standard Act, as amended, and of regulations and order of the United States Department of Labor issued thereunder.

SUBCONTRACTOR:REXNORD INDUSTRIAL SVCS

CONTRACTOR: SORENSEN GROSS COMPANY

Printed Name

PM Printed Name

Date: _____

Date: _____

TO VALIDATE THIS PURCHASE AGREEMENT, BOTH COPIES MUST BE SIGNED AND RETURNED TO OUR OFFICE WITHIN TEN (10) WORKING DAYS OF THE DATE LISTED ABOVE.

SETTLEMENT AGREEMENT AND RELEASE

This Agreement ("Agreement") is made as of _____, 2019 (the "Effective Date"), by and among the following parties:

- A. Clinton River Water Resource Recovery Facility Drainage District ("Owner"),
- B. SG Construction Services, L.L.C., a Michigan limited liability company, d/b/a Sorensen-Gross Construction Services ("Sorensen")

Each of the persons signing this Agreement is referred to as a "Party;" references herein to "Parties" means more than one Party.

RECITALS

1. Sorensen was the general contractor and the Clinton River Water Resource Recovery Facility Drainage District is the owner of the construction project known as the "2014 Pontiac WWTP Improvements Phase I" (the "Project").
2. The Project was completed in June 2016.
3. Sorensen furnished and installed three screw pumps as part of this project.
4. There is a dispute among the Parties as to responsibility for the costs of repair of the pumps.
5. The parties are entering into this Agreement to set forth their resolution regarding the responsibility for the repair and payment of the costs of repair of the pumps.
6. Sorensen has agreed to pay \$44,416.50 to the Clinton River Water Resource Recovery Facility Drainage District in full settlement and release of all claims that the district may have against Sorensen with respect to the Project.

The Parties agree as follows:

1. Payments. Simultaneously with the execution of this Agreement by Sorensen and the Clinton River Water Resource Recovery Facility Drainage District: (a) Sorensen shall pay the Clinton River Water Resource Recovery Facility Drainage District the sum of \$44,416.50 by cashier's check as payment and consideration for the releases, compromises and settlements of claims under this Agreement.
2. Full and Final Settlement. This Agreement and the payments under Paragraph 1 are made and performed in full and final settlement and compromise of all disputes and controversies between and among the Parties regarding the Project. There are no other agreements between the Parties with respect to the settlement of these disputes,


Sorensen's Initials

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Owner's Initials

controversies and claims. This Agreement shall serve as a bar to the raising of any other or future claim between or among the Parties regarding the Project.

3. Mutual Release. The Parties have unconditionally and absolutely released and discharged each other, and by these presents do for themselves and their respective successors, heirs, assigns, executors, administrators, directors, officers, employees, agents, attorneys and all those claiming through or under them, release, acquit and forever discharge each other and all their respective heirs, successors, assigns, executors, administrators, directors, officers, employees, agents, attorneys and all those claiming under or through them from any and all actions, causes of action, claims, warranties, liabilities, debts, contracts, sums arising, damages, administrative claims and complaints, grievances, sanctions and any other thing whatsoever on account of or in any way arising from the pumps. The consideration recited is accepted by each Party in full compromise, settlement, satisfaction, release and discharge of any liability of any of the above-named persons to each other arising as stated above. Each of the parties to this agreement understands that this Agreement is the compromise of doubtful and disputed claims between them, and that the payments under this agreement are not to be construed as an admission of liability, which is expressly denied by each. This Agreement is being entered into solely to avoid the financial and emotional burden of litigation and arbitration. This paragraph does not release Sorensen from making the payments under Paragraph 1 of this Agreement.
4. Lawsuits and Proceedings Forever Barred. It is the intention of the Parties and it is understood by each of the Parties hereto that this Agreement will and does hereby forever and for all time bar any action, claim, proceeding or administrative proceeding whatsoever by the Parties which arose, in whole or in part or which might arise in the future with respect to the Project.
5. Knowing Agreement. The parties understand and agree that they: (i) have read this Agreement carefully and understand all of its terms; and (ii) have consulted with an attorney prior to executing this Agreement. The Parties further agree that all of the recitals to this Agreement are true and correct, and that the terms set forth in the recitals shall be, and hereby are, made a part of this Agreement as fully as if restated herein.
6. Complete Agreement. The parties agree that this Agreement contains the complete understanding of the parties, and that no representations, inducements, promises, agreements, arrangements or undertakings relating to the matters set forth herein, whether oral or written, express or implied, between the parties not herein embodied shall have any force or effect. No modifications or amendments hereto may be made except by a writing signed by both the parties. This Agreement shall be deemed to be a Michigan contract, and shall be governed by the laws of the State of Michigan. This Agreement may be executed in counterparts, which together shall form one contract.
7. No Inconsistent Action. Each party hereto agrees that they will take no action (including, but not limited to, an appeal or institution of a separate lawsuit) inconsistent with this


Sorensen's Initials
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Owner's Initials

Agreement or which seeks to challenge any provisions of this Agreement or any document provided for herein.

8. Authority. The persons signing this Agreement warrant their authority to make this Agreement and sign this Agreement on behalf of the respective persons for whom they have signed.

In Witness Whereof, the Parties have executed this agreement on the date hereinabove set forth.

Clinton River Water Resource
Recovery Drainage District

SG Construction Services, L.L.C.,
a Michigan limited liability company

By _____
Jim Nash, its Chairman

By  _____
Ghassan M. Saab, its president


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Owner's Initials

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

Shawn Phelps

DATE: January 28, 2020

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

Payable To	Ref No.	For	Amount
CDM Smith Michigan, Inc	V # 1414662	Invoice # 33 - Engineering Admin - 11/24/19 - 12/21/19 - Proj 1-2181	26,300.64
CTI and Associates Inc	V # 1414673	Invoice # 46080 - Testing Materials - 09/27/19 - Proj# 1-2181	7,824.65
CTI and Associates Inc	V # 1414774	Invoice # 45921 - Testing Materials - 08/30/19 - Proj# 1-2181	3,938.18
CTI and Associates Inc	TBP	Invoice # 46123 - Testing Materials - 11/01/19 - Proj# 1-2181	7,258.44
Dickinson Wright PLLC	TBP	Invoice # 1432243 - Legal Services - 11/30/19 - Proj # 2181	2,450.00
		Total for Project # 1-2181	\$ 47,771.91

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

DATE: January 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 December 16, 2019 to January 17, 2020.

Payable To	Ref No.	For	Amount
Michigan Water Environment Assoc.	Dec 2019 Pcard	Pcard - Travel & Conference	\$ 480.00
USA Blue Book	Dec 2019 Pcard	Pcard - Lab Supplies	2,799.95
USA Blue Book	Dec 2019 Pcard	Pcard - Lab Supplies	1,263.89
USA Blue Book	Dec 2019 Pcard	Pcard - Lab Supplies	840.33
Aqua Aerobic Systems Inc	Dec 2019 Pcard	Pcard - Materials and Supplies	2,433.64
The Macomb Group	Dec 2019 Pcard	Pcard - Materials and Supplies	638.34
Grainger	Dec 2019 Pcard	Pcard - Materials and Supplies	770.84
The Macomb Group	Dec 2019 Pcard	Pcard - Materials and Supplies	2,205.71
North Electric Supply	Dec 2019 Pcard	Pcard - Materials and Supplies	507.03
D3W Industries	V # 1413631	Invoice # 1938 - Material and Supplies	5,460.00
Pipeline Management Co Inc	V # 1413639	Invoice # 2019-153 - Contracted Services	4,996.00
Pro-Seal Service Group	V # 1413637	Invoice # 195298 - Contracted Services	748.69
Biotech Agronomics Inc	V # 1415153	Invoice # 2372 - Contracted Services	964.00
JCI Jones Chemicals Inc	V # 1411649	Invoice # 808322 - Chemical Treatment	2,052.50
JCI Jones Chemicals Inc	V # 1412066	Invoice # 807978 - Chemical Treatment	2,428.84
JCI Jones Chemicals Inc	V # 1412067	Invoice # 806865 - Chemical Treatment	2,447.70
JCI Jones Chemicals Inc	V # 1413665	Invoice # 809398 - Chemical Treatment	2,407.52
JCI Jones Chemicals Inc	V # 1413667	Invoice # 810201 - Chemical Treatment	2,464.92
JCI Jones Chemicals Inc	V # 1412065	Invoice # 808482 - Chemical Treatment	3,000.00
JCI Jones Chemicals Inc	V # 1414827	Invoice # 810409 - Chemical Treatment	2,423.92
JCI Jones Chemicals Inc	V # 1415036	Invoice # 809046 - Chemical Treatment	2,419.00
JCI Jones Chemicals Inc	V # 1415037	Invoice # 809174 - Chemical Treatment	2,860.00
PVS Technologies Inc	V # 1411656	Invoice # 263584 - Chemical Treatment	3,664.80
PVS Technologies Inc	V # 1411672	Invoice # 263818 - Chemical Treatment	2,017.80
PVS Technologies Inc	V # 1413640	Invoice # 264509 - Chemical Treatment	4,086.00
PVS Technologies Inc	V # 1411642	Invoice # 264147 - Chemical Treatment	1,508.40
PVS Technologies Inc	V # 1413644	Invoice # 264161 - Chemical Treatment	3,770.10
Rotor Electric Company of Michigan LLC	V # 1411749	Invoice # 12236 - Contracted Services	4,477.88
Rotor Electric Company of Michigan LLC	V # 1411750	Invoice # 12235 - Contracted Services	3,786.19
Lamphere's Tree Services	V # 1411777	Invoice # 1564 - Contracted Services	660.00
Thundermop Maintenance	V # 1411757	Invoice # 191231 - Janitorial Services - December 2019	780.00
Biotech Agronomics Inc	V # 1411748	Invoice # 2356 - Landfilling - November 2019	237,381.97
Biotech Agronomics Inc	V # 1413622	Invoice # 2386 - Landfilling - December 2019	207,957.83
Orion Marketing Group LLC	V # 1413595	Invoice # 337190 - Uniforms	1,433.50
Pro-Seal Service Group	V # 1411653	Invoice # 194879 - Contracted Services	4,188.91
Hesco	V # 1414919	Invoice # 20201002 - Materials and Supplies	1,052.00
Eurofins TestAmerica	V # 1411992	Invoice # 1900004012 - Lab Supplies	878.40
Eurofins TestAmerica	V # 1411670	Invoice # 1900004104 - Lab Supplies	910.40
Eurofins TestAmerica	V # 1411744	Invoice # 1900004010 - Lab Supplies	878.40
Eurofins TestAmerica	V # 1411745	Invoice # 1900004009 - Lab Supplies	878.40
Eurofins TestAmerica	V # 1411743	Invoice # 1900004095 - Lab Supplies	910.40
Paragon Laboratories	V # 1411756	Invoice # 207428 - Laboratory Fees	816.00
Waste Management	V # 1412068	Invoice # 8366601-1714-1 - Garbage & Rubbish Disposal	795.19
Waste Management	V # 1412069	Invoice # 8366676-1714-3 - Garbage & Rubbish Disposal	540.51
Waste Management	V # 1412070	Invoice # 8366602-1714-9 - Garbage & Rubbish Disposal	537.36
Polydyne Inc	TBP	Invoice # 1411238 - Chemical Treatment	13,524.00
D3W Industries	TBP	Invoice # 1956 - Material and Supplies	11,130.00
JCI Jones Chemicals Inc	TBP	Invoice # 810908 - Chemical Treatment	2,955.00
PVS Technologies Inc	TBP	Invoice # 264770 - Chemical Treatment	1,846.80

PVS Technologies Inc	TBP	Invoice # 265041 - Chemical Treatment	3,421.80
PVS Technologies Inc	TBP	Invoice # 265042 - Chemical Treatment	1,992.60
Pro-Seal Service Group	TBP	Invoice # 200172 - Contracted Services	1,045.48
D'Angelo Brothers, Inc	TBP	Invoice # 6418 - Contracted Services	3,149.10
D3W Industries	TBP	Invoice # 1976 - Material and Supplies	5,565.00
Waste Management	TBP	Invoice # 8376615-1714-9 - Garbage & Rubbish Disposal	818.96
Subtotal			\$ 575,972.00
Kennedy Industries	V # 1411771	Invoice # 615315 - Material and Supplies - Proj # 1-2922	\$ 17,260.00
Subtotal - Project 1-2922			\$ 17,260.00
Motor City Electric Technologies Inc	V # 1411660	Invoice # 92826 - Contracted Services - Proj #1-2923	\$ 4,885.57
Subtotal - Project 1-2923			\$ 4,885.57
Somat Engineering Inc	V # 1414920	Invoice # 111972 - Testing Materials - Proj # 1-2787	\$ 3,166.00
Fishbeck, Thompson, Carr & Huber Inc	V # 1413660	Invoice # 387896 - Engineering Admin - 11/29/19 - Proj # 1-2787	3,119.00
Fishbeck, Thompson, Carr & Huber Inc	V # 1413658	Invoice # 388893 - Engineering Admin - 12/27/19 - Proj # 1-2787	1,311.50
Subtotal - Project 1-2787			\$ 7,596.50
Greeley and Hansen	V # 1412687	Invoice # INV-0000611835 - Contracted Services - 11/23/19 - 12/20/19 - Proj # 1-2924	\$ 3,987.42
Ch2m Hill Engineers Inc	V # 1412076	Invoice # 683676CH004 - Contracted Services - 11/29/19 - Proj # 1-2924	3,274.66
Subtotal - Project 1-2924			\$ 7,262.08
Tetra Tech Inc	V # 1411755	Invoice # 51529152 - Contracted Services - 11/22/19 - Proj 1 - 3084	\$ 2,271.00
Subtotal - Project 1-3084			\$ 2,271.00
OHM	TBP	Invoice # 210718 - Contracted Services - 12/31/19 - Proj 1-3008	\$ 3,642.50
Subtotal - Project 1-3008			\$ 3,642.50
Hazen and Sawyer	V # 1412075	Invoice # 0000001 - Contracted Services - 11/01/19 -11/30/19 Proj # 1-3064	7,880.00
Subtotal - Project 1-3064			\$ 7,880.00
Mark 1 Restoration Services	V # 1412691	Invoice # 1905-3 - Contracted Services - Proj # 1-2923	8,373.00
Subtotal - Project 1-2923			\$ 8,373.00
Fishbeck	V # 1412685	Invoice # 388717 - Contracted Services - Proj # 1-3042	590.00
Subtotal - Project 1-3042			\$ 590.00
Forberg Scientific Inc	V # 1413662	Invoice # 607315 - Contracted Services - Proj # 1-3087	\$ 7,940.37
Hesco	V # 1411773	Invoice # 20191629 - Contracted Services - Proj # 1-3087	8,942.00
Motor City Electric Technologies Inc	V # 1411747	Invoice # 92818 - Contracted Services - Proj # 1-3087	4,713.46
Biotech Agronomics Inc	V # 1413624	Invoice # 2378 - Contracted Services - Proj # 1-3087	20,640.00
Mersino Dewatering Inc	V # 1414923	Invoice # 70996 - Contracted Services - 11/01/19 - 11/28/19 Proj # 1-3087	16,210.58
CSM Mechanical, LLC	TBP	Invoice # 2019-0455 - Contracted Services - Proj # 1-3087	16,937.54
Subtotal - Project 1-3087			\$ 75,383.95
			\$ 711,116.60

Chapter 20 Drainage Board Meeting

Regular Meeting

Tuesday, January 28, 2020

6. Edwards Relief Drain

AGENDA

DRAINAGE BOARD FOR EDWARDS RELIEF DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of December 17, 2019
3. Public Comments
4. Present request for reimbursement of the Drain Revolving Fund in the amount of \$1,299.94
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

FROM: Shawn Phelps, Chief of Fiscal Services
Drain Accounting



DATE: January 28, 2020

SUBJECT: Request for Reimbursement of Drain Revolving Fund

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

Date	Ref No.	Paid To	For	Amount
	TBP	Hubbell Roth & Clark Inc	Invoice # 0176098 - Contracted Services - 12/31/19 - Proj # 1-2680	\$ 1,299.94
			Total	\$ 1,299.94

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

7. Hamilton Relief Drains

AGENDA

DRAINAGE BOARD HAMILTON RELIEF DRAINS

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of October 22, 2019
3. Public Comments
4. Present request for reimbursement of the Drain Revolving Fund in the amount of \$1,128
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting



DATE: January 28, 2020

SUBJECT: Request for Reimbursement of Drain Revolving Fund

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

Date	Ref No.	Paid To	For	Amount
12/31/2019	V # 1411778	Aurora Landscape Design & Appraisal	Invoice # 2564 - RW Negotiation Expense - Proj# 1-2615	\$ 500.00
	TBP	Anderson, Eckstein & Westrick, Inc	Invoice # 0121609 - Engineering Services - 03/04/19 - 03/31/19 Proj #1-2615	628.00
			Total	<u>\$ 1,128.00</u>

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

8. Bishop Drain

AGENDA

DRAINAGE BOARD FOR THE BISHOP DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of April 23, 2019
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$24,903
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2020 through 2022

Last Assessment: \$15,035
Date last assessment approved: 07/24/18

Current Available Cash: (\$1,903)

Expenditure History:	Fiscal Year	Amount
	2013	\$1,048
	2014	\$1,111
	2015	\$10,018
	2016	\$2,750
	2017	\$3,822
	2018	\$3,433
	2019	\$9,864

Estimated Expenditures:	Year	Amount
	2020	\$6,600
	2021	\$6,600
	2022	\$6,600
	Total	\$19,800

Recommended Assessment:

Current Cash Deficit	\$1,903
Total Anticipated Expenses 2020 - 2022	\$19,800
Proposed Special Maintenance Project Expense	\$3,200

TOTAL RECOMMENDED ASSESSMENT	\$24,903
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Prepared by: _____ Date: _____
Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
Steven A. Korth, P.E. - Manager

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

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE BISHOP DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Rochester Hills	99.56%	\$ 24,793.43	\$ 24,793.43	-	-
County of Oakland	0.44%	\$ 109.57	\$ 109.57	-	-
Total	100.000%	\$ 24,903.00	\$ 24,903.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 03/23/1993.

Assessment Payment Due Date(s): Payment #1 02/28/2020

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Bishop Drain for the fiscal years 2020 - 2022 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Bishop Drain

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

Jim Nash
Chairman of the Drainage Board for the Bishop Drain

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

9. Chester Drain

AGENDA

DRAINAGE BOARD FOR THE CHESTER DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of May 24, 2016
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$25,870
5. Other business
6. Approve pro rata payment to Drainage Board members
7. Adjourn

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2020 through 2022

Last Assessment: \$43,964
Date last assessment approved: 05/18/10

Current Available Cash: (\$1,570)

Expenditure History:	Fiscal Year	Amount
	2013	\$830
	2014	\$5,619
	2015	\$1,137
	2016	\$5,710
	2017	\$1,050
	2018	\$1,187
	2019	\$10,346

Estimated Expenditures:	Year	Amount
	2020	\$4,600
	2021	\$4,600
	2022	\$4,600
	Total	\$13,800

Recommended Assessment:

Current Cash Deficit	\$1,570
Total Anticipated Expenses 2020 - 2022	\$13,800
Proposed Special Maintenance Project Expense:	\$10,500

TOTAL RECOMMENDED ASSESSMENT	\$25,870
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Prepared by: _____ Date: _____
Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
Steven A. Korth, P.E. - Manager

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

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE CHESTER DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Rochester Hills	96.390%	\$ 24,936.09	\$ 24,936.09	-	-
State of Michigan	2.670%	\$ 690.73	\$ 690.73		
County of Oakland	0.940%	\$ 243.18	\$ 243.18	-	-
<hr/>					
Total	100.000%	\$ 25,870.00	\$ 25,870.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 07/26/1994.

Assessment Payment Due Date(s): Payment #1 02/28/2020

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Chester Drain for the fiscal years 2020 - 2022 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Chester Drain

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

Jim Nash
Chairman of the Drainage Board for the Chester Drain

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

10. Dennis Murphy Drain

AGENDA

DRAINAGE BOARD FOR THE DENNIS MURPHY DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of July 24, 2018
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$9,100
5. Other business
6. Approve pro rata payment to Drainage Board Members
7. Adjourn

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Dennis Murphy Drain

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2020 through 2022

Last Assessment: \$13,030
Date last assessment approved: 07/24/18

Current Available Cash: \$1,796

Expenditure History:	Fiscal Year	Amount
	2013	\$1,382
	2014	\$1,454
	2015	\$1,826
	2016	\$1,311
	2017	\$1,859
	2018	\$3,281
	2019	\$2,304

Estimated Expenditures:	Year	Amount
	2020	\$2,400
	2021	\$2,400
	2022	\$2,400
	Total	\$7,200

Recommended Assessment:

Current Cash Deficit	\$0
Total Anticipated Expenses 2020 - 2022	\$7,200
Proposed Project Expenses	\$1,900

TOTAL RECOMMENDED ASSESSMENT	\$9,100
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Prepared by: _____ Date: _____
Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
Steven A. Korth, P.E. - Manager

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

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE DENNIS MURPHY DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Rochester Hills	100.00%	\$ 9,100.00	\$ 9,100.00	-	-
Total	100.000%	\$ 9,100.00	\$ 9,100.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 01/28/1994.

Assessment Payment Due Date(s): Payment #1 02/28/2020

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Dennis Murphy Drain for the fiscal years 2020 - 2022 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Dennis Murphy Drain

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

Jim Nash
Chairman of the Drainage Board for the Dennis Murphy Drain

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

11. Fessler Drain

AGENDA

DRAINAGE BOARD FOR THE FESSLER DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of July 24, 2018
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$29,434
5. Present request for reimbursement of the Drain Revolving Fund in the amount of \$225.30
6. Other business
7. Approve pro rata payment to Drainage Board Members
8. Adjourn

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

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2020 through 2022

Last Assessment: \$13,117
Date last assessment approved: 07/24/18

Current Available Cash: (\$7,434)

Expenditure History:	Fiscal Year	Amount
	2013	\$4,790
	2014	\$875
	2015	\$1,860
	2016	\$4,859
	2017	\$1,381
	2018	\$6,440
	2019	\$7,788

Estimated Expenditures:	Year	Amount
	2020	\$5,700
	2021	\$5,700
	2022	\$5,700
	Total	\$17,100

Recommended Assessment:

Current Cash Deficit	\$7,434
Total Anticipated Expenses 2020 - 2022	\$17,100
Proposed Special Maintenance Project Expense	\$4,900

TOTAL RECOMMENDED ASSESSMENT	\$29,434
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Prepared by: _____ Date: _____
Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
Steven A. Korth, P.E. - Manager

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

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE FESSLER DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Rochester Hills	84.08%	\$ 24,748.11	\$ 24,748.11	-	-
County of Oakland	15.92%	\$ 4,685.89	\$ 4,685.89	-	-
Total	100.000%	\$ 29,434.00	\$ 29,434.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 01/28/1994.

Assessment Payment Due Date(s): Payment #1 02/28/2020

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Fessler Drain for the fiscal years 2020 - 2022 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Fessler Drain

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

Jim Nash
Chairman of the Drainage Board for the Fessler Drain

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

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Sj Phelps

DATE: January 28, 2020

SUBJECT: Request for Reimbursement of Drain Revolving Fund

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

Date	Ref No.	Paid To	For	Amount
9/25/2019	V # 1388007	Oakland Heights Development	Invoice # 4243-0000014638 - Contracted Services	225.30
			Total	<u>\$ 225.30</u>

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

12. Fred D Houghten Drain

AGENDA

DRAINAGE BOARD FOR THE FRED D. HOUGHTEN DRAIN

January 28, 2020

1. Call meeting to order
2. Approve minutes of meeting of September 25, 2018
3. Public Comments
4. Present Maintenance Assessment Recommendation and Special Assessment Roll in the amount of \$20,659
5. Present Request for Reimbursement of the Drain Revolving Fund in the amount of \$5,731.25
6. Other business
7. Approve pro rata payment to Drainage Board Members
8. Adjourn

OAKLAND COUNTY WATER RESOURCES COMMISSIONER
MAINTENANCE ASSESSMENT RECOMMENDATION FOR THE
Fred D Houghten Drain

Assessment for current fund deficit and estimated maintenance expenses for fiscal years: 2020 through 2022

Last Assessment: N/A
Date last assessment approved: N/A

Current Available Cash: (\$9,559)

Expenditure History:	Fiscal Year	Amount
	2013	\$949
	2014	\$2,458
	2015	\$1,404
	2016	\$776
	2017	\$1,906
	2018	\$1,337
	2019	\$9,731

Estimated Expenditures:	Year	Amount
	2020	\$3,300
	2021	\$3,300
	2022	\$3,300
	Total	\$9,900

Recommended Assessment:

Current Cash Deficit	\$9,559
Total Anticipated Expenses 2020 - 2022	\$9,900
Proposed Special Maintenance Project Expense	\$1,200

TOTAL RECOMMENDED ASSESSMENT	\$20,659
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Prepared by: _____ Date: _____
Michael R. McMahon, P.E. - Chief Engineer

Approved by: _____ Date: _____
Steven A. Korth, P.E. - Manager

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

SPECIAL ASSESSMENT ROLL FOR THE MAINTENANCE OF THE FRED D HOUGHTEN DRAIN

Public Corporation	*Percentage of Apportionment	Total Amount of Assessment	Payment #1	Payment #2	Payment #3
City of Rochester Hills	81.07%	\$ 16,748.25	\$ 16,748.25	-	-
County of Oakland	18.93%	\$ 3,910.75	\$ 3,910.75	-	-
<hr/>					
Total	100.000%	\$ 20,659.00	\$ 20,659.00	\$ -	\$ -

*Apportionment based on Final Order of Apportionment dated 01/28/1994.

Assessment Payment Due Date(s): Payment #1 02/28/2020

I hereby certify that I have prepared the Special Assessment Roll for the Maintenance of the Fred D Houghten Drain for the fiscal years 2020 - 2022 in accordance with the direction of the Drainage Board and the statutory provisions applicable thereto.

Jim Nash
Chairman of the Drainage Board for the Fred D Houghten Drain

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

Jim Nash
Chairman of the Drainage Board for the Fred D Houghten Drain

MEMO TO: Mr. Jim Nash, Chairman
of the Drainage Board for the FRED D HOUGHTON DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
Drain Accounting

Sj Phelps

DATE: January 28, 2020

SUBJECT: Request for Reimbursement of Drain Revolving Fund

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

Date	Ref No.	To	For	Amount
10/22/2019	V # 1395993	Trojan Development Company Inc	Invoice # 1909-1 - Contracted Services	\$ 5,731.25
			Total	<u>\$ 5,731.25</u>

Chapter 20 Drainage Board Meeting
Regular Meeting
Tuesday, January 28, 2020

13. George W. Kuhn Drain

AGENDA

DRAINAGE BOARD FOR THE GEORGE W. KUHN DRAIN

January 28, 2019

1. Call meeting to order
2. Approve minutes of meeting of December 17, 2019
3. Public Comments
4. Present Construction Estimate No. 5 for Weiss Construction in the amount of \$153,585 and a transfer of \$17,065 to the Oakland County Treasurer
5. Present request for Board approval of payment of invoices in the amount of \$30,476.06
6. Closed session
7. Other business
8. Approve pro rata payment to Drainage Board members
9. Adjourn

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

Regular Construction Estimate No. 5

December 1, 2019 to December 31, 2019

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: \$0.00
Numbers: (none)

Total Net Change Orders: \$0.00

Adjusted Contract Amount: \$5,845,000.00 ✓

Sub-Total To Date: \$1,301,158.00 ✓

Less Deductions: \$0.00

Gross Estimate: (Work in Place) 22.26% \$1,301,158.00

Less Amount Reserved: (10% of Gross Estimate) \$130,115.80 ✓

Total Amount Allowed To Date: \$1,171,042.20

Less Previous Estimates: \$1,017,457.20 ✓

Net Payment Request To Be Paid To Contractor: \$153,585.00

Reserve Payment to Contractor \$0.00

Balance of Contract To Date \$ 4,543,842.00 ✓ Accounting Auditor: 1/14/2020

Amount To Be Reserved (From Above) \$130,115.80

Less Previous Transfers To Reserve: \$113,050.80 ✓

Amount of Current Transfer: \$17,065.00

Prepared by: Craig Tiell - Project Engineer

Date: 1/14/2020

Recommended by: John Arvai, P.E. - Consulting Engineer

Date: 1/14/2020

Approved by: Gary Nigro, P.E. - Chief Engineer, Construction Management

Date: Jan 17, 2020

Approved by: Sid Lockhart, P.E. - Special Project Manager, Construction Management

Date: Jan 20, 2020

Regular Construction Estimate No. 5

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
OCWRC Accounting



DATE: January 28, 2020

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

Payable To	Ref No.	For	Amount
OHM	TBP	Invoice # 210716 - Contracted Services	\$ 2,600.00
Dickinson Wright, PLLC	TBP	Invoice # 1439731 - Legal Services - 12/31/19	1,883.94
Dickinson Wright, PLLC	TBP	Invoice # 1439745 - Legal Services - 12/31/19	1,947.76
Dickinson Wright, PLLC	TBP	Invoice # 1439732 - Legal Services - 12/31/19	1,895.32
Dickinson Wright, PLLC	TBP	Invoice # 1439746 - Legal Services - 12/31/19	2,206.62
Dickinson Wright, PLLC	TBP	Invoice # 1439740 - Legal Services - 12/31/19	2,079.46
Dickinson Wright, PLLC	TBP	Invoice # 1439715 - Legal Services - 12/31/19	3,887.88
Dickinson Wright, PLLC	TBP	Invoice # 1439749 - Legal Services - 12/31/19	5,887.84
Dickinson Wright, PLLC	TBP	Invoice # 1439747 - Legal Services - 12/31/19	2,790.95
Dickinson Wright, PLLC	TBP	Invoice # 1439721 - Legal Services - 12/31/19	2,048.87
Dickinson Wright, PLLC	TBP	Invoice # 1439723 - Legal Services - 12/31/19	1,896.12
Dickinson Wright, PLLC	TBP	Invoice # 1439741 - Legal Services - 12/31/19	748.53
Dickinson Wright, PLLC	TBP	Invoice # 1439722 - Legal Services - 12/31/19	602.77
Subtotal			\$ 30,476.06
Total			\$ 30,476.06