

AGENDA

Red Run Intercounty Drain Drainage Board Macomb and Oakland Counties

February 17, 2021 – 9:30 a.m.
Virtual via GoToMeeting

1. Call meeting to order

Board Members:

Michael Gregg, Chair, Michigan Department of Agriculture and Rural Development
Candice Miller, Macomb County Public Works Commissioner
Jim Nash, Oakland County Water Resources Commissioner

2. Approval of the meeting agenda for February 17, 2021
3. Approval of Drainage District Board Meeting Minutes from December 16, 2020
4. Public Comment
5. Freedom Hill North Bank Project update
 - a. HRC Account of Project Standing update
 - b. Spill response update
6. Freedom Hill South Bank Project update
 - a. USACE update
7. Community Assessment update
8. Six Rivers Report
9. Present trial balance
10. Present for approval payment of invoices and reimbursement of the Drain Revolving Fund
11. Determine date and location of next meeting
12. Other business
13. Adjourn

February 17, 2021 Red Run Drain Board Meeting
Wed, Feb 17, 2021 9:30 AM - 11:30 AM (EST)

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Agenda Item No. 3

Board Meeting Minutes from
December 16, 2020

Minutes of the Meeting
of the Intercounty Drainage Board for the
Red Run Drain

December 16, 2020

A meeting of the Drainage Board for the Red Run Intercounty Drain was held via GoToMeeting on December 16, 2020. The meeting was called to order by the Chairperson at 10:57 a.m.

Present: Michael Gregg, Chairperson and Deputy for Gary McDowell, Director of the Michigan Department of Agriculture and Rural Development; Candice Miller, Member and Macomb County Public Works Commissioner; and Jim Nash, Secretary and Oakland County Water Resources Commissioner.

Also Present: Representing the office of Macomb County Public Works Commissioner: Brian Baker, Jeff Bednar, Emily Engelman and Amanda Oparka. Representing the office of the Oakland County Water Resources Commissioner: Steven Korth, George Nichols and Megan Koss. Others in attendance: Jamie Burton (Hubbell, Roth & Clark), Mary Bednar (Clinton Township).

1. Call meeting to order.

Chairperson Gregg called the meeting to order at 10:54 a.m. The Chairperson made a brief statement regarding the ongoing COVID-19 pandemic and, as a result, the need for the meeting to be held virtually. He noted that the meeting was being held in compliance with PA 228 of 2020. Pursuant to the aforementioned, Commissioner Gregg indicated he was participating from Mason, Michigan, Commissioner Miller indicated she was participating from Harrison Township, Michigan and Commissioner Nash indicated he was participating from Farmington Hills, Michigan.

2. Agenda.

Motion by Nash, supported by Miller, to approve the December 16, 2020 agenda as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

3. Minutes.

Motion by Miller, supported by Nash, to approve the minutes of the November 18, 2020 meeting.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

4. Public Comment.

Ms. Bednar indicated that Clinton Township is in the process of drafting their budget for their upcoming fiscal year and inquired as to when assessment information might be available for the Freedom Hill north and south bank restoration projects. Mr. Nichols indicated that the aforementioned would be provided to relevant communities in the beginning of 2021.

5. Engineering Services Agreement between HRC and the Drainage District for engineering services on the Freedom Hill north bank project.

Mr. Nichols provided a brief overview of the Engineering Services Agreement between HRC and the Drainage District. He noted that the agreement solidified the work involved on the Freedom Hill north bank project.

Motion by Nash, supported by Miller, to approve the Engineering Services Agreement as presented and authorize the Chairperson and Secretary to sign the Agreement on behalf of the Drainage District.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

6. Present Special Assessment Roll.

Mr. Nichols presented a special assessment roll to the Board. He detailed the breakdown as it applied to each community, indicating that the apportionment and a letter detailing the assessment had already been sent out to the communities. It was clarified that the overall assessment amount would be \$383,056.

Mr. Korth furthered that they anticipate the Army Corps to pay approximately 75% for the south bank project and that more information would be available once the total package is completed in early 2021.

Motion by Miller, supported by Nash, to approve the issuance of the assessment roll as presented and authorize the Chairperson and Secretary to execute the assessment on behalf of the Drainage District.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

7. HRC update.

Mr. Burton provided an update on behalf of HRC pertaining to the various on-going projects. He noted that a survey of the north bank was complete, and that soil boring would commence after the holidays. Mr. Burton furthered that in January they anticipated preliminary plan concepts would be established. He indicated that they were working on a more detailed schedule to present to the Board.

As to the spill response plan, Mr. Burton stated that there was strong communication between the communities and that he expected updates, recommendations and a plan to be established sometime in January or February. The Board members and those participating in the

Drainage District meeting emphasized the importance of the spill response plan and the need to work together.

Motion by Miller, supported by Nash, to receive and file the verbal update from HRC.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

8. Trial Balance.

Mr. Korth presented the Trial Balance report dated December 8, 2020 (as attached) indicating a net cash balance of \$35,854.74. It was moved by Nash, supported by Miller, to receive and file the updated Trial Balance as provided.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

9. HRC invoice no. 184206.

HRC invoice no. 184206 in the amount of \$1,490.35 was presented for consideration. It was moved by Miller, supported by Nash, to approve the HRC invoice as presented.

ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

10. Next meeting.

It was established that the next meeting would be held virtually on January 26, 2021 at 9:30 a.m.

11. Other Business. None.

12. Adjourn.

Motion by Nash, supported by Miller, to adjourn the December 16, 2020 meeting at 11:25 a.m.

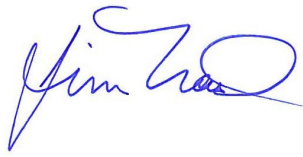
ROLL CALL VOTE:

GREGG: AYE

MILLER: AYE

NASH: AYE

Next Regular Meeting: January 26, 2020. Due to the ongoing COVID-19 pandemic, the manner of the January meeting has yet to be determined.

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

Jim Nash, Secretary
Red Run Intercounty Drain Drainage Board

STATE OF MICHIGAN)
)SS.
COUNTY OF OAKLAND)

I hereby certify that the foregoing is a true and complete copy of the minutes of the Red Run Intercounty Drain Drainage Board, at a meeting held on the 16th day of December, 2020 and that the meeting was conducted and public notice was given in compliance with the Open Meetings Act being Act 267, Public Acts of Michigan, 1976, as may be amended from time to time and that the minutes were kept and will be or have been made available to the public as required by the Act.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 30th day of December, 2020.



Jim Nash, Secretary
Red Run Intercounty Drain Drainage Board

Agenda Item No. 4

Public Comment

Agenda Item No. 5

Freedom Hill North Bank Project

Account of Project Standing

APS #: 2

Time Period: January 1, 2021 through January 31, 2021

Prepared By: Lynne Seymour

Date Issued: February 4, 2021

Project Task Summary:

Task 1 – Data Collection, Survey and Field Assessment – In Progress

- Preliminary Survey complete
- Received utility information for Freedom Hill
- Participated in call with Macomb County Planning regarding proposed trail

Task 2 – Soil Boring Analysis – In Progress

- Received approval of proposed locations
- Scheduled SME to obtain soil borings – tentatively scheduled for 2/22/21

Task 3 – Preliminary Plan Design – In Progress

- Processed survey data
- Began preliminary plan development
 - Cover Page
 - Stationing
 - Cross-sections
 - Longitudinal profile
 - Sterling Relief planting information
 - Trail detail
 - Notes

Task 4 - Final Design and Bid Documents - Future Task (June)

Task 5 – Project Coordination – In Progress

- Held Progress Meeting in January
- Sent APS No. 1

Focus of Efforts in Next Period:

- Stake soil boring locations
- Coordinate with SMDA and AEW for soil boring field work
- Complete soil boring analysis
- Continue preliminary plan development
- Meet with Macomb County Planning and Department of Roads to finalize trail location through Freedom Hill

Critical Decisions Made:

- N/A

Outstanding Critical Questions:

- N/A

Client Assistance Needed:

- N/A

Red Run Drain Freedom Hill Restoration

Account of Project Standing

Schedule Concerns

- N/A

Scope and/or Budget Concerns:

- N/A



Agenda Item No. 6

Freedom Hill South Bank Project

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

TO: Michael Gregg, Chairman of the Drainage Board for the Red Run Drain

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

SUBJECT: Freedom Hill South Bank Restoration Project – US Army Corps Funding

DATE: February 17, 2021

As discussed at the November 18, 2020 Drainage Board meeting, the U.S. Army Corp of Engineers (ACOE) offered the District an opportunity to capture \$500,000 of unscheduled federal funds for design and construction of improvements to the south bank of the drain at Freedom Hill. A 25% match contribution from the District in the amount of \$166,666 was approved at this meeting.

Upon further discussion with ACOE, they are seeking confirmation from the Red Run Drainage District that they will provide a match contribution up to \$650,000 for the overall project budget. These funds are not needed at this time, but this authorization will reassure the ACOE that the District will submit the necessary funding when requested. This additional amount will be assessed to the communities this fall along with the necessary funding on the Freedom Hill North Bank project. The communities will be notified in March with an approximate assessment value for use for their FY2022 budgeting needs.

Requested Action

Authorize the Chairperson of the Drainage Board for the Red Run Drain to sign the Self-Certification of Financial Capability document on behalf of the District for a total contribution amount of \$650,000.

Agenda Item No. 7

Community Assessment

Agenda Item No. 8

Six Rivers Report



CONSERVING, SUSTAINING, AND
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AND WATERS THAT MAKE THE PLACES
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Red Run Drain Knotweed Treatment Report 2020

Introduction

Treatment of Japanese knotweed (*Fallopia japonica*) and Giant knotweed (*Polygonum sachalinensis* (*Fallopia sachalinensis*)) occurred in Macomb County within the Red Run Drain easement between Dequindre and Mound Roads. Treatment took place September 21, 2020 through September 25, 2020. A total of 2.13 acres of invasive knotweeds were chemically treated by staff of the Lake St. Clair Cooperative Invasive Species Management Area (LSC CISMA). No Adverse Incident reports were filed for the duration of the treatment.

Treatment Summary

The LSC CISMA Coordinator, McKenzi Waliczek, and field Technicians, Tylor Roberts and Catherine Mathews, performed the invasive knotweed applications in late September, 2020. Field Technician, Dean Johnson, assisted with treatments on September 25. Treatment happened by means of foliar application of Clearcast 5%, Rodeo 2%, Cygnet Plus 1/2% and blue dye. Technicians applied the herbicide solution using backpack sprayers carrying 2 gallons of mix at a time. A total of 103 gallons of solution were applied to invasive knotweeds.

Date	Temperature	Weather Condition	Treatment Window
9/21/2020	68 F	Sunny	10am-3:30pm
9/22/2020	70 F	Sunny	10am-3:30pm
9/23/2020	73 F	Sunny	10am-3:30pm
9/24/2020	75 F	Sunny	9:30am-3pm
9/25/2020	75 F	Sunny	9:30am-3pm



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Figure 1: Map of treatment area between Dequindre Rd and Ryan Rd.

Red Run Knotweed Treatments 2020



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Figure 2: Map of treatment area between Ryan Rd. and Mound Rd.

Red Run Knotweed Treatments 2020



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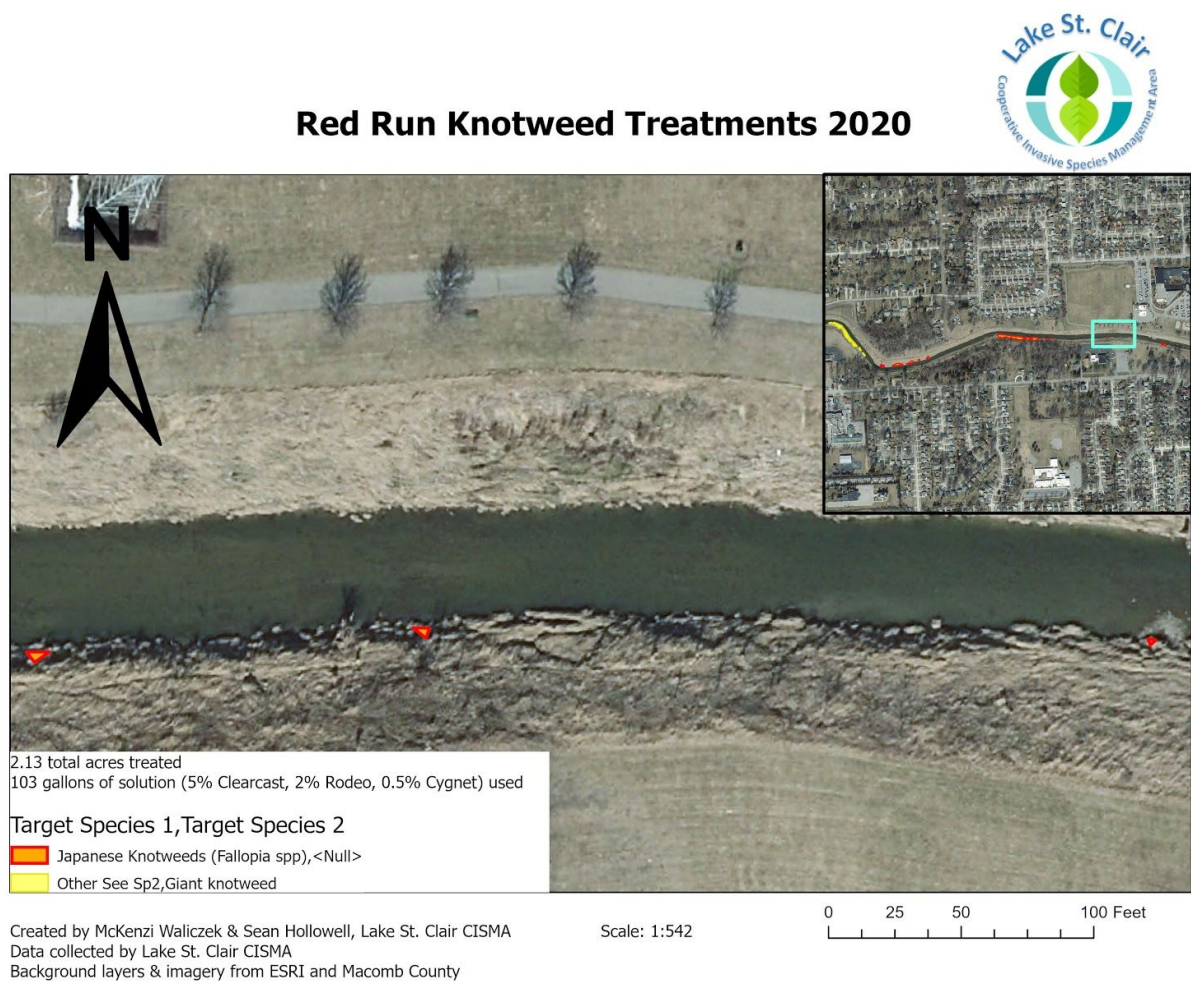
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Figure 3: Map of treatment area near Methodist Church.



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Agenda Item No. 9

Trial balance

Scope: 82902 Red Run Federal Drain Ch21

Cash as 02/10/2021	\$	195,378.64
Permit Deposit Held		(26,244.40)
Vouchers Payable AP		(1,490.35)
Due from Municipalities-AR Con		243,301.85
Total Net Cash Balance	\$	410,945.74

Agenda Item No. 10

Invoices

MEMO TO: Mr. Jim Nash, Chairman
of the Intercounty Drainage Board for the RED RUN FEDERAL DRAIN

FROM: Shawn Phelps, Chief of Fiscal Services
OCWRC Accounting

Sj Phelps

DATE: February 17, 2021

SUBJECT: Request for Approval of Invoices

Request for Board approval of payment of the following invoices:

Ref No.	Paid To	For	Amount
TBP	Hubbell, Roth, & Clark Inc	Inv # 0184722 - Contracted Services - 12/26/20	\$ 9,443.50
TBP	Hubbell, Roth, & Clark Inc	Inv # 0184721 - Contracted Services - 12/31/20	4,372.73
TBP	Hubbell, Roth, & Clark Inc	Inv # 0185535 - Contracted Services - 01/23/21	4,715.77
TBP	Hubbell, Roth, & Clark Inc	Inv # 0185518 - Contracted Services - 01/23/21	5,729.22
Total			<u>\$ 24,261.22</u>



HUBBELL, ROTH & CLARK, INC.
CONSULTING ENGINEERS
PO BOX 824
BLOOMFIELD HILLS, MICHIGAN 48303-0824
(248) 454-6300

December 31, 2020
Project No: 20200852.09
Invoice No: 0184721

OAKLAND COUNTY WATER RESOURCES
COMMISSIONERS OFFICE
ONE PUBLIC WORKS DRIVE
WATERFORD, MI 48328-1907

RED RUN DRAIN FREEDOM HILL RESTORATION

PROJECT 20200852.09
CONTRACT ADMINISTRATION

****PAY OUT OF
DRF!****

V#628
exp. 8/31/21
li# 38141

Fund 82902 Dept 6010101
Program 155020 Acct 730373
Contract # 4855 Project _____
Chapter 21 Op Unit std
Approver _____

Professional Services for period ending December 31, 2020

Professional Personnel

	Hours	Rate	Amount
ALIGHALEHBABAKHANI, FATEMEH	1.00	35.00	35.00
BURTON, JAMES	3.50	52.00	182.00
KOCH, REMINGTON	1.50	30.00	45.00
PETRIELLO, STEPHANIE	3.50	33.00	115.50
SEYMOUR, LYNNE	23.00	47.60	1,094.80
Totals	32.50		1,472.30
	1.0 times	1,472.30	1,472.30
	2.97 times	1,472.30	4,372.73

Total Labor

4,372.73

Total Due this Invoice

\$4,372.73

Billings to Date

	Current	Prior	Total
Labor	4,372.73	1,490.35	5,863.08
Totals	4,372.73	1,490.35	5,863.08

Reviewed and approve this invoice
GPN 01/06/21



HUBBELL, ROTH & CLARK, INC.
CONSULTING ENGINEERS
PO BOX 824
BLOOMFIELD HILLS, MICHIGAN 48303-0824
(248) 454-6300

December 31, 2020
Project No: 20200852.25
Invoice No: 0184722

OAKLAND COUNTY WATER RESOURCES
COMMISSIONERS OFFICE
ONE PUBLIC WORKS DRIVE
WATERFORD, MI 48328-1907

RED RUN DRAIN FREEDOM HILL RESTORATION

PROJECT 20200852.25
SPICER BILLING

****PAY OUT OF
DRF!****

V#628
exp. 8/31/21
li# 38141

Fund 82902 Dept 6010101
Program 155020 Acct 730373
Contract # 4855 Project
Chapter 21 Op Unit std
Approver

Professional Services for period ending December 26, 2020

Consultants

Consultant Reimbursable
12/30/2020 SPICER GROUP
Total Consultants

PROFESSIONAL SERVICES 9,443.50
1.0 times 9,443.50 9,443.50
Total Due this Invoice \$9,443.50

Billings to Date

	Current	Prior	Total
Consultant	9,443.50	0.00	9,443.50
Totals	9,443.50	0.00	9,443.50

Reviewed and approve this invoice
GPN 01/06/21



HUBBELL, ROTH & CLARK, INC.
CONSULTING ENGINEERS
PO BOX 824
BLOOMFIELD HILLS, MICHIGAN 48303-0824
(248) 454-6300

February 5, 2021

Project No: 20200852.09

Invoice No: 0185518

OAKLAND COUNTY WATER RESOURCES
COMMISSIONERS OFFICE
ONE PUBLIC WORKS DRIVE
WATERFORD, MI 48328-1907

RED RUN DRAIN FREEDOM HILL RESTORATION

PROJECT 20200852.09

CONTRACT ADMINISTRATION

Professional Services for period ending January 23, 2021

Professional Personnel

	Hours	Rate	Amount	
BURTON, JAMES	3.50	52.00	182.00	
PETRIELLO, STEPHANIE	9.00	33.00	297.00	
SEYMOUR, LYNNE	12.50	47.60	595.00	
Totals	25.00		1,074.00	
	1.0 times	1,074.00	1,074.00	
	2.97 times	1,074.00	3,189.78	
Total Labor				3,189.78
				Total this Project
				\$3,189.78

Billings to Date

	Current	Prior	Total
Labor	3,189.78	5,863.08	9,052.86
Totals	3,189.78	5,863.08	9,052.86

PROJECT 20200852.07

PLANS AND SPECIFICATIONS

Professional Personnel

		Hours	Rate	Amount	
ALIGHALEHBABAKHANI, FATEMEH	1/9/2021	.50	35.00	17.50	
REC, JAMES	1/9/2021	1.00	36.60	36.60	
SEYMOUR, LYNNE	1/23/2021	.50	47.60	23.80	
Totals		2.00		77.90	
		1.0 times	77.90	77.90	
		2.97 times	77.90	231.36	
Total Labor					231.36
					Total this Project
					\$231.36

Billings to Date

	Current	Prior	Total
Labor	231.36	0.00	231.36
Totals	231.36	0.00	231.36

(Continued on Next Page)

Project	20200852.09	CONTR ADMIN RED RUN DRN FREEDOM HL REST	Invoice	0185518
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PROJECT 20200852.25
SPICER BILLING

Consultants

Consultant Reimbursable

2/2/2021	SPICER GROUP	PROFESSIONAL SERVICES	2,098.25	
	Total Consultants	1.1 times	2,098.25	2,308.08
		Total this Project		\$2,308.08

Billings to Date

	Current	Prior	Total
Consultant	2,308.08	9,443.50	11,751.58
Totals	2,308.08	9,443.50	11,751.58

Total Due this Invoice **\$5,729.22**

Reviewed and approve this invoice
GPN 2/8/21



HUBBELL, ROTH & CLARK, INC.
CONSULTING ENGINEERS
PO BOX 824
BLOOMFIELD HILLS, MICHIGAN 48303-0824
(248) 454-6300

February 5, 2021

Project No: 20180676.25

Invoice No: 0185535

OAKLAND COUNTY WATER RESOURCES
COMMISSIONERS OFFICE
ONE PUBLIC WORKS DRIVE
WATERFORD, MI 48328-1907

STUDY FOR THE REPAIR MAINTENANCE AND MANAGEMENT OF THE RED RUN DRAIN

PROJECT 20180676.25
TRIBUTARY SPILL RESPONSE EVALUATION

Professional Services for period ending January 23, 2021

Professional Personnel

	Hours	Rate	Amount
BURTON, JAMES	2.00	52.00	104.00
PETRIELLO, STEPHANIE	19.00	33.00	627.00
SEYMOUR, LYNNE	18.00	47.60	856.80
Totals	39.00		1,587.80
	1.0 times	1,587.80	1,587.80
	2.97 times	1,587.80	4,715.77

Total Labor

4,715.77

Total Due this Invoice

\$4,715.77

Billings to Date

	Current	Prior	Total
Labor	4,715.77	0.00	4,715.77
Totals	4,715.77	0.00	4,715.77

Reviewed and approve this invoice
GPN 02/08/21

Six Rivers Land Conservancy
4480 Orion Rd 2nd Floor PO
Box 80902 Rochester, MI 48308
US nickance@sixriversrlc.org

Invoice

BILL TO

Red Run Intercounty Drain
Drainage Board
One Pub Works Building #95W
c/o Jim Nash, Oakland County
Water Resources Commissioner
Waterford Twp., MI 48328

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
1176cm	12/15/2020	\$8,776.73	01/14/2021	Net 30	

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
12/15/2020	Stewardship Services	Chemical treatment of 2.13 acres of Japanese and Giant knotweed within the Red Run Drain easement between Dequindre and Mound Roads in September 2020	1	8,776.73	8,776.73

Chemical treatment of 2.13 acres of Japanese and Giant knotweed within the Red Run Drain easement between Dequindre and Mound Roads in September 2020.
Staff = \$6,740.00
Chemicals = \$1,517.00
Mileage = \$519.73

BALANCE DUE

\$8,776.73

Reviewed and approve this invoice
GPN 02/08/21



CONSERVING, SUSTAINING, AND
CONNECTING NATURAL AREAS, LANDS,
AND WATERS THAT MAKE THE PLACES
WE LIVE SPECIAL.

Invoice

January 31, 2021

Bill To:

Red Run Intercounty Drain Drainage Board
One Pub Works Building #95W
%, Jim Nash, Oakland County Water Resources Commissioner
Waterford Twp., MI 48328

Due: February 31, 2021

Description	Amount Due
Reimbursement for activities completed by McKenzie Waliczek and Sean Hollowell from 12/1/2020 - 1/31/2021 for generation of an Invasive Species Treatment Plan Request for Proposals and generating estimated treatment costs.	\$3,780.00
Total	\$3,780.00

Please make checks payable to Six Rivers Land Conservancy and send to:

Six Rivers Land Conservancy
4480 Orion Rd.
PO Box 80902
Rochester, MI 48308-0902

Reviewed and approve this invoice
GPN 02/08/21



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Phone: 248-601-2816 • Fax: 248-601-0106 • www.sixriversrlc.org

Agenda Item No. 11

Next meeting

Agenda Item No. 12

Other business

Agenda Item No. 13

Adjourn