

Black Dog Watershed Management Commission

AGENDA

Wednesday, January 15, 2025

5:00 P.M.

COMMISSIONERS:

Curt Enestvedt, Chair
Mike Hughes, Vice Chair
Scott Thureen, Secretary/Treasurer
Rollie Greeno
Todd Christopherson
Greg Helms, Alternate
Paul Below, Alternate

- I. Approval of Agenda
- II. Approval of Minutes – November 20, 2024
- III. Approval of Accounts Payable
- IV. Review Budget Performance Reports
- V. Election of Officers for 2025
- VI. Approve Engineering Fees for 2025
- VII. Approve Official Depositories for Commission Funds
- VIII. Approve Official Newspaper for the Black Dog WMO
- IX. Discuss Potential Stories for the Annual Watershed Report
- X. Miscellaneous
- XI. Adjournment

The City of Burnsville and Black Dog Watershed Management Organization do not discriminate on the basis of race, color, national origin, sex, religion, age, or disability in the admission or access to, or treatment or employment in, its programs, activities, or services.

To obtain this information in alternative forms such as braille, large print, audiotape or qualified readers, please contact the City of Burnsville. Telephone (952) 895-4400, TDD (952) 895-4567.

Agenda Background January 15, 2025

I. Approval of Agenda

Agenda enclosed.

Action Requested: A motion be considered to approve the Agenda.

II. Approval of Minutes from the November 20, 2024, Meeting

Minutes enclosed.

Action Requested: A motion be considered to approve the Minutes of the November 20, 2024, meeting.

III. Approval of Accounts Payable

Accounts payable list enclosed.

Action Requested: A motion be considered to approve the accounts payable list as submitted by staff.

IV. Review of Budget Performance Reports

Current Budget Performance Reports enclosed.

Action Requested: No formal action required

V. Election of Officers for 2025

The Black Dog WMO Joint Powers Agreement requires that officers be elected each year. Currently the officers are:

Chair – Curt Enestvedt
Vice Chair – Mike Hughes
Secretary/Treasurer – Scott Thureen

Action requested: Staff will accept nominations and conduct an election for the above positions.

VI. Approve Engineering Fees for 2025

Enclosed in the packet are the proposed Barr Engineering Fees for 2025.

Action requested: Approve the 2025 Engineering Fees

VII. Approve Official Depositories for Commission Funds

The auditors recommend that the Commission designate official depositories for our funds on an annual basis. Current depositories are the US Bank in St. Paul and the League of MN Cities 4M Fund. These depositories have served the Commission well and staff recommends continuing with them.

Action Requested: Approve US Bank in St. Paul and League of MN Cities 4M Fund as official depositories.

VIII. Approve Official Newspaper for the Black Dog WMO

The JPA requires that the Commission designate an official newspaper. In 2024, the BDWMO used the Sun Thisweek as the official newspaper. Items typically published in the official newspaper are public notices.

Action Requested: Approve the Burnsville Sun Thisweek as the official newspaper for 2025.

IX. Discuss Potential Stories for the Annual Watershed Report

Barr staff will lead a discussion on potential topics for the 2024 Watershed Report.

Action Requested: Provide feedback on ideas for the 2024 Watershed Report.

X. Miscellaneous

DRAFT

**Meeting Minutes
November 20, 2024**

MEMBERS PRESENT

Curt Enestvedt, Chair
Mike Hughes, Vice Chair
Scott Thureen, Secretary/Treasurer
Rollie Greeno
Paul Below, Alternate

MEMBERS ABSENT

Todd Christopherson
Greg Helms, Alternate

OTHERS PRESENT

Greg Williams – Barr Engineering
Cole Birkeland – Campbell Knutson
Samantha Berger – City of Apple Valley
Brian Hartman – City of Apple Valley
Ann Messerschmidt – City of Lakeville
Daryl Jacobson – BDWMO Administrator
Tammi Carte – BDWMO Secretary

Curt Enestvedt, Chair, called the November 20, 2024, meeting to order at 5:01.

I. Approval of Agenda

Motion by Hughes, second by Thureen, to approve the November 20, 2024, Agenda as presented.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

Motion Carried Unanimously

II. Approval of Minutes from the September 18, 2024, Meeting

Motion by Thureen, second by Hughes, to approve the September 18, 2024, Minutes as presented.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

Motion Carried Unanimously

III. Approval of Accounts Payable

Motion by Hughes, second by Greeno, to approve accounts payable to Barr Engineering in the amount of \$4,189.65 for services from September 1, 2024, through November 1, 2024; and, to Campbell Knutson in the amount of \$122.50 for September 2024 general services; and, to Vermillion River Watershed in the amount of \$7,500.00 as BDWMOs contribution to VRWJPO for the period of May 1, 2024 through October 21, 2024.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

Motion Carried Unanimously

IV. Review Budget Performance Reports

Daryl Jacobson, BDWMO Administrator, shared that the Commission's fund is in healthy shape as we near the end of 2024.

No Formal Action Required

V. Review Draft Goal Tracking Checklist

Barr Engineering staff requested input from member cities and the Dakota County SWCD on the goal tracking spreadsheet that was provided to the Commission for review prior to tonight's meeting.

Greg Williams, Barr Engineering, shared the edited draft will be distributed to cities for completion. Member cities requested additional time to review the updated draft for finalizing and then the final version will be presented to Minnesota Board of Water & Soil Resources (BWSR) the beginning of 2025 as an attachment to the annual report.

Commissioners requested a few edits that include, 1) Cost sharing is emphasized, 2) Edit MPCA wording to be more concise, 3) Wetland projects should be clarified to explain what type of projects.

No Formal Action Required

VI. Miscellaneous

1. The December Black Dog meeting will be canceled.
2. The next Black Dog meeting will be January 15th. At that meeting annual processes will be up for approval. A quorum will be needed to approve these processes.
3. Whitney Pond Addition – MPCA approved the project. Waiting for the funding to be allocated by legislature during a bonding year.
4. There may be a Burnsville Commissioner vacancy coming up.
5. Dakota County is doing their winter salt week to raise awareness on the environmental effect of salt. They are requesting a contribution of \$300.00 towards education. The Commission requested a motion allowing them to vote on this.

Motion by Hughes, second by Thureen, to approve a \$300.00 contribution towards the Dakota County Winter Salt Week Volunteer Chloride Monitoring and Outreach Campaign.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

Motion Carried Unanimously

6. Apple Valley is hiring Barr Engineering for their climate resiliency project on three parks for the purpose of adding storm water features.

VII. Adjournment

Motion by Greeno, second by Hughes, to adjourn at 5:27pm.

Ayes – Enestvedt, Hughes, Thureen, Greeno, Below

Nays – None

Motion Carried Unanimously



Accounts Payable January 15, 2025 Meeting

Barr Engineering - Services from November 2, 2024 through December 27, 2024

Engineering	\$	2,053.50
Special Projects: General Fund - 2024 Management Level Monitoring - Orchard Lake	\$	116.50
	\$	<u>2,170.00</u>

Campbell Knutson

General Services - November 2024	\$	157.50
	\$	<u>157.50</u>

Metropolitan Council

CAMP - Citizen Assist Monitor Project	\$	3,040.00
	\$	<u>3,040.00</u>

Dakota County Soil & Water Conservation District - Services for July 2024 - Sept 2024

Education & Assistance Outreach: Website Updates & Maintenance	\$	522.50
Technical Assistance: Landscaping for Clean Water	\$	6,000.00
Cost Share: Landscaping for Clean Water Grants (10)	\$	2,500.00
	\$	<u>9,022.50</u>

Dakota County Soil & Water Conservation District - Services for Oct 2024 - Dec 2024

Education & Assistance Outreach: Website Updates & Maintenance	\$	427.50
Education & Assistance Outreach: Website Hosting	\$	25.00
Technical Assistance: Landscaping for Clean Water	\$	1,800.00
Cost Share: Landscaping for Clean Water Grants (3)	\$	750.00
	\$	<u>3,002.50</u>

Accounts Payable Total \$ 17,392.50

resourceful. naturally.
engineering and environmental consultants



Remittance address:
Lockbox 446104
PO Box 64825
St Paul, MN 55164-0825

December 27, 2024

Black Dog Watershed Management Commission
City of Burnsville
13713 Frontier Court
Burnsville, MN 55337-4720

Attn: Mr. Daryl Jacobson

RE: Engineering & Environmental Consulting Services

**Invoice of Account with
BARR ENGINEERING COMPANY**

For professional services during the period of November 2, 2024 through December 27, 2024

TOTAL PAYABLE THIS INVOICE:	\$ 2,170.00
Allocation:	
Engineering	\$ 2,053.50
Special Projects: General Fund	
• Reporting on 2023 Keller Lake Water Quality Monitoring	\$ 0.00
• Orchard Lake 2024 Management Level Monitoring	\$ 116.50

Barr declares under the penalties of law that this account, claim, or demand is just and that no part of it has been paid.

1-8-25
OK
Daryl Jacobson

Karen L. Chandler

Karen L. Chandler
Vice President

BUDGET SUMMARY - 2024 FY
 Black Dog Watershed Management Commission
 November 2, 2024 through December 27, 2024

Work Description	2024 Barr Budget	Current Invoice	Spent This Year	Balance
Engineering	34,000.00	2,053.50	19,275.50	14,724.50
Special Projects: General Fund				
<i>Reporting on Keller Lake 2023 Water Quality Monitoring</i>	7,500.00	0.00	7,549.50	(49.50)
<i>Orchard Lake 2024 Management Level Monitoring</i>	21,000.00	116.50	16,042.69	4,957.31
Subtotal -- Special Projects: General Fund	28,500.00	116.50	23,592.19	4,907.81
Water Quality Monitoring				
<i>Update Trend Analyses</i>	2,000.00	0.00	1,820.00	180.00
Subtotal -- W.Q. Monitoring	2,000.00	0.00	1,820.00	180.00
Public Education				
<i>Watershed Annual Report</i>	4,800.00	0.00	4,014.00	786.00
<i>Annual Activity Report (BWSR)</i>	3,000.00	0.00	204.00	2,796.00
Subtotal -- Public Education	7,800.00	0.00	4,218.00	3,582.00
Total Services	72,300.00	2,170.00	48,905.69	23,394.31



INVOICE

Barr Engineering Co.
 4300 MarketPointe Drive, Suite 200
 Minneapolis, MN 55435
 Phone: 952-832-2600; Fax: 952-832-2601
 FEIN #: 41-0905995 Inc: 1966

Remittance address:
Lockbox 446104
PO Box 64825
St Paul, MN 55164-0825

Mr. Daryl Jacobson
 Black Dog WMO
 City of Burnsville
 13713 Frontier Court
 Burnsville, MN 55337-4720

December 27, 2024
 Invoice No: 23190374.24 - 8

Total this Invoice	\$2,053.50
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Regarding: BDWMO 2024 Engineering Services

This invoice is for professional services related to the above project.

Professional Services from November 02, 2024 to December 27, 2024

Job: 2024 Engineering Services

Task: 001 Attend BDWMO Meetings

Labor Charges

	Hours	Rate	Amount	
Engineer / Scientist / Specialist III				
Williams, Sterling	2.00	170.00	340.00	
	2.00		340.00	
Subtotal Labor				340.00
				Task Subtotal \$340.00

Task: 002 Miscellaneous Consulting

Labor Charges

	Hours	Rate	Amount	
Vice President				
Chandler, Karen	.30	210.00	63.00	
Engineer / Scientist / Specialist IV				
Wilson, Gregory	.50	195.00	97.50	
Engineer / Scientist / Specialist III				
Williams, Sterling	1.70	170.00	289.00	
	2.50		449.50	
Subtotal Labor				449.50
				Task Subtotal \$449.50

Task: 005 Tracking Goal Progress

Terms: Due upon receipt. 1 1/2% per month after 30 days. Please refer to the contract if other terms apply.



INVOICE

Barr Engineering Co.
 4300 MarketPointe Drive, Suite 200
 Minneapolis, MN 55435
 Phone: 952-832-2600; Fax: 952-832-2601
 FEIN #: 41-0905995 Inc: 1966

Remittance address:
Lockbox 446104
PO Box 64825
St Paul, MN 55164-0825

Mr. Daryl Jacobson
 Black Dog WMO
 City of Burnsville
 13713 Frontier Court
 Burnsville, MN 55337-4720

December 27, 2024
 Invoice No: 23190375.24 - 8

Total this Invoice	\$116.50
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Regarding: Management Level Water Quality Monitoring

This invoice is for professional services related to the above project.

Professional Services from November 02, 2024 to December 27, 2024

Job:	ORC	Orchard Lake 2024 Water Qual Monitorin
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Task:	100	Monitoring Data Mgmt & Proj Mgmt
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Labor Charges

	Hours	Rate	Amount	
Technician II				
Schneider, Anna	.10	100.00	10.00	
Wolf, Matthias	.70	95.00	66.50	
Technician I				
Wilde, Brianna	.50	80.00	40.00	
	1.30		116.50	
Subtotal Labor				116.50

Task Subtotal	\$116.50
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Job Subtotal	\$116.50
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Total this Invoice	\$116.50
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Invoiced to Date	Current	Prior	Total	Received	AR Balance
	116.50	23,475.69	23,592.19	23,475.69	116.50

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Greg Williams, your Barr project manager, at 952.932.2945, or email gwilliams@barr.com.

Labor Charges

	Hours	Rate	Amount	
Vice President				
Chandler, Karen	1.00	210.00	210.00	
Engineer / Scientist / Specialist III				
Williams, Sterling	6.20	170.00	1,054.00	
	7.20		1,264.00	
Subtotal Labor				1,264.00
				Task Subtotal
				\$1,264.00
				Job Subtotal
				\$2,053.50
				Total this Invoice
				\$2,053.50

	Current	Prior	Total	Received	AR Balance
Invoiced to Date	2,053.50	21,440.00	23,493.50	21,440.00	2,053.50

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Greg Williams, your Barr project manager, at (952) 832-2945 or email at gwilliams@barr.com.

CAMPBELL KNUTSON
Professional Association
Attorneys at Law
Federal Tax I.D. #41-1562130
Grand Oak Office Center I
860 Blue Gentian Rd Ste 290
Eagan, Minnesota 55121
(651) 452-5000

Black Dog Watershed Management Organization
 Attention: Daryl Jacobson
 City of Burnsville
 100 Civic Center Parkway
 Burnsville MN 55337-3817

Page: 1
 November 30, 2024
 Account # 602-0000G
 401

RE: GENERAL SERVICES
 RENDERED TO DATE:

			HOURS	
11/20/2024	CAB	Attend meeting; travel to/from.	0.90	157.50
		AMOUNT DUE	0.90	157.50
		TOTAL CURRENT WORK		157.50
		PREVIOUS BALANCE		\$122.50
11/26/2024		Payment - thank you		-122.50
		TOTAL AMOUNT DUE		<u>\$157.50</u>

OK


7-8-2025

Amounts due over 30 days will be subject to a finance charge of .5% per month (or an annual rate of 6%). Minimum charge - 50 cents.



INVOICE

Invoice No: 0001181249
Invoice Date: 12/23/24
Page: 1 of 1

Please Remit To:

Metropolitan Council
Environmental Services
PO Box 856513
Minneapolis MN 55485-6513
United States

Customer Number: 7100
Payment Terms: Due 30 dys
Due Date: 1/22/25

Bill To:

BLACK DOG LAKE WATERSHED MGMT ORG
LINNEA WIER / DARYL JACOBSON
c/o City of Burnsville
13713 Frontier Ct
Burnsville MN 55337-4720
United States

AMOUNT DUE: \$ 3,040.00 USD

Amount Remitted

For account questions: metcar@metc.state.mn.us

Line	Identifier	Description	Quantity	UOM	Unit Amt	Original Net Amount
	CAMP	Citizen-Assist-Monitor-Prj	1.00	EA	3,040.00	3,040.00

Subtotal:

3,040.00

Contract: 24R005K

Quantity of lake sites: 4 at \$760 each.
2024 Citizen-Assisted Monitoring Program

For questions about this bill, please contact Brian Johnson at 651-602-8743 or Brian.Johnson@metc.state.mn.us.

ANY UNPAID BALANCE OVER 30 DAYS FROM DATE OF INVOICE WILL BE SUBJECT TO A FINANCE CHARGE AT THE RATE OF 1.5% PER MONTH (18% PER YEAR)

Amount Due:

\$ 3,040.00

OK
Daryl Jacobson

12/30/24

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT

Dakota County Soil & Water Conservation District

4100 220th Street West, Ste 102
Farmington, MN 55024
(651) 480-7777
DakotaSWCD.Accounting@CO.Dakota.MN.US

Invoice

DATE	INVOICE #
10/1/2024	3406

BILL TO			
Black Dog WMO Daryl Jacobson, Administrator 13713 Frontier Court Burnsville, MN 55337			
AGREEMENT	BILLING PERIOD	TERMS	
2024 Agreement	Jul - Sep 2024	Net 30 Days	
DESCRIPTION	HRS/COUNT	RATE	AMOUNT
EDUCATION AND ASSISTANCE OUTREACH Website Updates and Maintenance Fee: Website Hosting	5.5 0	95.00 0.00	522.50 0.00
Landscaping for Clean Water Intro Class Landscaping for Clean Water Design Course Landscaping for Clean Water Maintenance Workshop	0 0 0	3,800.00 7,600.00 1,900.00	0.00 0.00 0.00
TECHNICAL ASSISTANCE Landscaping for Clean Water Technical Assistance	10	600.00	6,000.00
COST SHARE Landscaping for Clean Water Grant: Quinn, Boeckenstedt, Brown, Slinkard, Dunsworth, Wick, Boecher, Woodward, Hacker, Swanlund	10	250.00	2,500.00
It's been a pleasure working with you!		Total	\$9,022.50



BOECKENSTEDT NATIVE SHORELINE PLANTING



BEFORE

A native shoreline planting is the use of native vegetation to protect a shoreline from existing or potential erosion.



AFTER

PRACTICE:

- Native Shoreline Planting

BENEFITS:

- Shoreline stabilization and erosion reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 180 square foot Native Shoreline Planting

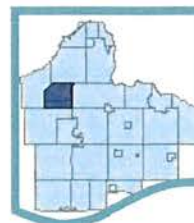
COST: Project materials cost estimated at \$1189

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Dominica Way
Apple Valley





BURDGE & WOODWARD RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 880 sq. ft. residential native garden.

COST: Project materials cost estimated at \$2304

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Highview Drive
Burnsville



DUNSWORTH RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



AFTER

PROJECT: Installation of a 200 square foot residential raingarden.

COST: Project materials cost estimated at \$674

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:
Sunset Lake Circle
Burnsville



PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024



QUINN

RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 4500 sq. ft. residential native garden.

COST: Project materials cost estimated at \$2,105

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Apple View Ln
Burnsville



SLINKARD

RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 380sq. ft. residential native garden.

COST: Project materials cost estimated at \$854

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Keating Court
Burnsville





WICK RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



AFTER

PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 150 square foot residential raingarden.

COST: Project materials cost estimated at \$1047

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



BLACK DOG
Watershed Management Organization

LOCATION:

Williamsburg Curve
Burnsville



BROWN

RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 100 sq. ft. residential native garden.

COST: Project materials cost estimated at \$280

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Portland Ave
Burnsville



SWANLUND

RESIDENTIAL NATIVE GARDEN



BEFORE

A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



AFTER

PROJECT: Installation of a 244 sq. ft. residential native garden.

COST: Project materials cost estimated at \$1,997

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District

PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024



LOCATION:

West 140th Street
Burnsville



STROUPE & BOECHER

RESIDENTIAL NATIVE GARDEN



A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



PROJECT: Installation of a 632 sq. ft. residential native garden.

COST: Project materials cost estimated at \$3,740

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District

PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024



LOCATION:

1st Avenue South
Burnsville



HACKER/GREY EAGLE RESIDENTIAL NATIVE GARDEN



A native garden, also called natural landscaping, uses plants, trees and grasses that are suitable for growth in a particular geographical area



PROJECT: Installation of a 255 sq. ft. residential native garden.

COST: Project materials cost estimated at \$848

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Jade Court
Lakeville



PRACTICE:

- Native Garden

BENEFITS:

- Runoff volume reduction
- Slope stabilization
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

DAKOTA COUNTY



— SOIL & WATER —
CONSERVATION DISTRICT

Invoice

Dakota County Soil & Water Conservation District

4100 220th Street West, Ste 102
Farmington, MN 55024
(651) 480-7777
DakotaSWCD.Accounting@CO.Dakota.MN.US

DATE	INVOICE #
12/31/2024	3420

BILL TO
Black Dog WMO Daryl Jacobson, Administrator 13713 Frontier Court Burnsville, MN 55337

AGREEMENT	BILLING PERIOD	TERMS
2024 Agreement	Oct - Dec 2024	Net 30 Days

DESCRIPTION	HRS/COUNT	RATE	AMOUNT
EDUCATION AND ASSISTANCE OUTREACH			
Website Updates and Maintenance	4.5	95.00	427.50
Fee: Website Hosting - link checker plugin update	1	25.00	25.00
Landscaping for Clean Water Intro Class	0	3,800.00	0.00
Landscaping for Clean Water Design Course	0	7,600.00	0.00
Landscaping for Clean Water Maintenance Workshop	0	1,900.00	0.00
TECHNICAL ASSISTANCE			
Landscaping for Clean Water Technical Assistance	3	600.00	1,800.00
COST SHARE			
Landscaping for Clean Water Grant: Britton, DeBoard, and Heupel	3	250.00	750.00

OK

1-9-25

It's been a pleasure working with you!	Total	\$3,002.50
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BRITTON NATIVE SHORELINE PLANTING



BEFORE

A native shoreline planting is the use of native vegetation to protect a shoreline from existing or potential erosion.



AFTER

PRACTICE:

- Native Shoreline Planting

BENEFITS:

- Shoreline stabilization and erosion reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 1625 square foot Native Shoreline Planting

COST: Project materials cost estimated at \$427

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

Summit Shores Drive
Burnsville



DEBOARD RESIDENTIAL RAINGARDEN



BEFORE

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.



AFTER

PROJECT: Installation of a 109 square foot residential raingarden.

COST: Project materials cost estimated at \$2941.00

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:
Interlachen Rd
Burnsville



PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024



HEUPEL

RESIDENTIAL RAINGARDEN



BEFORE



AFTER

A raingarden is a shallow depression that captures rainwater, removes pollutants, and soaks the water into the ground.

PRACTICE:

- Raingarden

BENEFITS:

- Runoff volume reduction
- Improved water quality
- Improved wildlife habitat
- Opportunity for public education and outreach
- Improved aesthetics

PARTNERS:

- Black Dog Watershed Management Organization

WATERSHED:

- Black Dog

INSTALLATION:

- Summer 2024

PROJECT: Installation of a 108 square foot residential raingarden.

COST: Project materials cost estimated at \$547

FUNDING: Landowners receive a \$250 Landscaping for Clean Water grant as well as technical assistance provided by the Dakota County Soil and Water Conservation District



LOCATION:

125th Street
Burnsville



**BLACK DOG WMO
CASH ACTIVITY REPORT 2024**

Date	Description	Deposits	Check #	Check Amount	Monthly Cash Balance	Expenditures:										Water Quality Monitoring	Conf Public	Contingency	
						General Engineering Support	Special Projects (General)	Special Projects (Capital)	Special Projects (Gen. Reserve)	Insurance	Legal & Audit	Admin Support	Public Education						
Balance as of 12/31/23					563,723.96														
17-Jan	Barr Engineering Co (2023)		1822	6,289.38		4,969.38	1,320.00												
17-Jan	Campbell Knutson (2023)		1823	595.00						595.00									
17-Jan	Dakota Cnty Soil & Water Cons Dist (2023)		1824	4,815.00			4,500.00						315.00						
31-Jan	Interest Income	2,484.79																	
01/31/24 Balance		2,484.79			11,699.38	554,509.37	4,969.38	5,820.00		595.00			315.00						
21-Feb	Barr Engineering Co		1825	2,857.50		2,507.50	70.00										280.00		
21-Feb	Campbell Knutson (2023)		1826	245.00						245.00									
21-Feb	Campbell Knutson			477.88						477.88									
21-Feb	City of Burnsville (2023)		1827	23,184.01															
29-Feb	Interest Income	2,318.70										23,184.01							
02/28/24 Balance		2,318.70			26,764.39	530,063.68	2,507.50	70.00		722.88	23,184.01			280.00					
20-Mar	Barr Engineering		1828	4,957.50		1,617.00	590.50						1,490.00	1,260.00					
20-Mar	Campbell Knutson		1829	261.04						261.04									
31-Mar	Interest Income	2,389.48																	
03/31/24 Balance		2,389.48			5,218.54	527,234.62	1,617.00	590.50		261.04			1,490.00	1,260.00					
17-Apr	Barr Engineering		1830	5,093.91		1,119.00	2,054.91						1,640.00	280.00					
17-Apr	Campbell Knutson		1831	157.50						157.50									
17-Apr	Dakota County Soil & Water		1832	1,422.50									1,422.50						
30-Apr	Interest Income	2,276.48																	
04/30/24 Balance		2,276.48			6,673.91	522,837.19	1,119.00	2,054.91		157.50			3,062.50	280.00					
15-May	Barr Engineering		1833	10,044.50		2,910.50	6,046.00						1,088.00						
31-May	Interest Income	2,309.04																	
05/31/24 Balance		2,309.04			10,044.50	515,101.73	2,910.50	6,046.00					1,088.00						
30-Jun	Interest Income	2,215.78																	
06/30/24 Balance		2,215.78				517,317.51													
17-Jul	Barr Engineering		1834	11,708.26		6,724.00	4,984.26												
17-Jul	Campbell Knutson		1835	297.50						297.50									
17-Jul	Dakota Co Soil & Water Cons Dist		1836	17,460.00			3,400.00						14,060.00						
17-Jul	League of MN Cities Ins Trust		1837	2,857.00					2,857.00										
31-Jul	Interest Income	2,252.79																	
07/31/24 Balance		2,252.79			32,322.76	487,247.54	6,724.00	8,384.26		2,857.00	297.50		14,060.00						
29-Aug	City of Lakeville	28,358.00																	
31-Aug	Interest Income	2,158.26																	
08/31/24 Balance		30,516.26				517,763.80													
18-Sep	Barr Engineering		1838	7,884.37		1,413.50	6,470.87												
18-Sep	Campbell Knutson		1839	175.00						175.00									
18-Sep	Campbell Knutson		1840	227.50						227.50									
5-Sep	City of Eagan	588.00																	
5-Sep	City of Apple Valley	11,583.00																	
16-Sep	City of Burnsville	102,971.00																	
30-Sep	Interest Income	2,442.91																	
09/30/24 Balance		117,584.91			8,286.87	627,061.84	1,413.50	6,470.87		402.50									
31-Oct	Interest Income	2,572.87																	
10/31/24 Balance		2,572.87				629,634.71													
20-Nov	Barr Engineering		1841	4,189.65		930.50	3,259.15												
20-Nov	Campbell Knutson		1842	122.50						122.50									
20-Nov	Vermillion River Watershed		1843	7,500.00									7,500.00						
30-Nov	Interest Income	2,413.03																	
11/30/24 Balance		2,413.03			11,812.15	620,235.59	930.50	3,259.15		122.50			7,500.00						
26-Dec	League of MN Cities	233.00																	
31-Dec	Interest Income	2,393.14																	
12/31/24 Balance		2,626.14				622,861.73													
Total Revenue		171,960.27	Total Expense	112,822.50		22,191.38	32,695.69			2,857.00	2,558.92	23,184.01	27,515.50	1,820.00					
Less: 2023 A/R		-	Less: 2023 A/P	(35,128.39)		(4,969.38)	(2,820.00)			-	(840.00)	(23,184.01)	(3,315.00)						
December LMC insurance reclass		(233.00)		(233.00)															
Total YTD 2024 Revenue		171,727.27	Total YTD 2024 Exp	77,461.11		17,222.00	29,875.69			2,857.00	1,718.92	-	24,200.50	1,820.00					
			2024 Budget	144,800.00		34,000.00	43,800.00			2,500.00	5,000.00	24,000.00	24,000.00	6,000.00	500.00	5,000.00			
YTD Interest Income		28,227.27	Budget Remaining	67,339.00		16,778.00	13,924.31			(357.00)	3,281.08	24,000.00	(200.50)	4,180.00	500.00	5,000.00			

BLACK DOG WATER MANAGEMENT COMMISSION

Budget Performance Report December 31, 2024

	CURRENT MONTH	YEAR TO DATE			VARIANCE FAVORABLE (UNFAVORABLE)
	ACTUAL	GENERAL FUND BUDGET	CAPITAL IMPROVEMENT FUND BUDGET	ACTUAL	
Opening Fund Balance		\$ 412,606	\$ 115,989	\$ 528,596	
REVENUES :					
Member Contributions:					
City of Apple Valley	\$ -	\$ 10,562	\$ 1,021	\$ 11,583	\$ -
City of Burnsville	-	93,822	9,149	102,971	-
City of Eagan	-	588	-	588	-
City of Lakeville	-	26,028	2,330	28,358	-
Total Member Contributions	-	131,000	12,500	143,500	-
Other Revenues:					
Interest	\$ 2,393	\$ 500	\$ -	\$ 28,227	\$ 27,727
Grant (State of MN BWSR)	-	-	-	-	-
Total Other Revenue	2,393	500	-	28,227	27,727
Total Revenues	\$ 2,393	\$ 131,500	\$ 12,500	\$ 171,727	\$ 27,727
EXPENDITURES :					
General Engineering Support	\$ -	\$ 34,000	\$ -	\$ 17,222	\$ 16,778
Special Projects - General Fund	-	43,800	-	26,876	16,924
Special Projects - Capital Improvement Func	-	-	-	-	-
Special Projects - General Fund Reserve	-	-	-	-	-
Insurance	(233)	2,500	-	2,624	(124)
Legal and Audit	-	5,000	-	1,719	3,281
Administrative Support	-	24,000	-	-	24,000
Public Education	-	24,000	-	27,201	(3,201)
Water Quality Monitoring	-	6,000	-	1,820	4,180
Conference/Publications	-	500	-	-	500
Contingency	-	5,000	-	-	5,000
Total Expenditures	(233)	144,800	-	77,461	67,339
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES	2,626	(13,300)	12,500	94,266	
EXCESS OF REVENUES OVER (UNDER) EXPENDITURES PLUS OPENING FUND BALANCE				<u>622,862</u>	
TOTAL CASH AVAILABLE 12/31/2024	622,862				
Fund Balance 12/31/2024	<u>\$ 622,862</u>				

January 7, 2025

Daryl Jacobson
Black Dog Watershed Management Organization
City of Burnsville
13713 Frontier Court
Burnsville, MN 55337-4720

Re: Rate Schedules

Dear Daryl Jacobson:

Enclosed are Barr Engineering Co.'s rate schedules for the 2025 fiscal year (Barr's 2025 fiscal year runs from December 28, 2024, through December 26, 2025). Per the provisions of our contractual arrangement, these schedules are proposed as the basis for our 2025 work for Black Dog WMO. In 2025, Greg Williams will be the WMO Engineer, and I will continue as the Principal-in-Charge for Black Dog WMO. With my January 2026 planned retirement date, it is likely I will transition my role to a new Principal-in-Charge by the end of 2025. I will keep you and the Board of Commissioners informed about my plans.

Please also accept this letter as notification that we have renewed our professional and general liability insurance. If our agreement with you requires that you receive a current insurance certificate, you should already have received that directly from our insurance representative. If you have not, or if you have any questions regarding our insurance coverages, please contact me.

We remain committed to providing superior technical expertise, sound advice, and attention to you and your organization's needs and ask for your feedback if you feel we aren't measuring up to those goals. We appreciate your confidence in Barr and look forward to being of continued service. If you have any questions about our rate schedules or our work for you, please contact me (kchandler@barr.com or 612-247-6666).

Sincerely,

A handwritten signature in black ink that reads "Karen L. Chandler".

Karen Chandler
Vice President

Enclosures



Description	Rate* (U.S. dollars)
Vice President	\$180-350
Consultant/Advisor	\$210-325
Engineer/Scientist/Specialist IV	\$185-205
Engineer/Scientist/Specialist III	\$155-180
Engineer/Scientist/Specialist II	\$130-150
Engineer/Scientist/Specialist I	\$85-125
Technician IV	\$155-205
Technician III	\$125-150
Technician II	\$95-120
Technician I	\$60-90
Support Personnel III	\$155-205
Support Personnel II	\$95-150
Support Personnel I	\$60-90

Rates for litigation support services will include a 30% surcharge.

A ten percent (10%) markup will be added to subcontracts for professional support and construction services to cover overhead and insurance surcharge expenses.

Invoices are payable within 30 days of the date of the invoice. Any amount not paid within 30 days shall bear interest from the date 10 days after the date of the invoice at a rate equal to the lesser of 18 percent per annum or the highest rate allowed by applicable law.

For travel destinations within the continental U.S. (CONUS) and Canada, meals will be reimbursed on a per diem basis. The per diem rate will be as published by the U.S. Internal Revenue Service (IRS) based on the High-Low method. Full-day per diem rates will be pro-rated on travel days. For travel destinations outside the continental U.S. (CONUS) and Canada, meals will be reimbursed based on actual expenses incurred.

All other reimbursable expenses, including but not limited to costs of transportation, lodging, parking, postage, shipping, and incidental charges, will be billed at actual reasonable cost. Mileage will be billed at the IRS-allowable rate.

Materials and supplies charges, printing charges, and equipment rental charges will be billed in accordance with Barr's standard rate schedules.

Vice President category includes consultants, advisors, engineers, scientists, and specialists who are officers of the company.

Consultant/Advisor category includes experienced personnel in a variety of fields. These professionals typically have advanced background in their areas of practice and include engineers, engineering specialists, scientists, related technical professionals, and professionals in complementary service areas such as communications and public affairs.

Engineer/Scientist/Specialist categories include registered professionals and professionals in training (e.g., engineers, geologists, and landscape architects) and graduates of engineering and science degree programs.

Technician category includes CADD operators, construction observers, cost estimators, data management technicians, designers, drafters, engineering technicians, interns, safety technicians, surveyors, and water, air, and waste samplers.

Support Personnel category includes information management, project accounting, report production, word processing, and other project support personnel.

*Rates do not include sales tax on services that may be required in some jurisdictions.



U.S. Copy Production Rate Schedule—2025

Rev. 11/14/2024

Sheet 1 of 1

Description

(U.S. dollars)

	Rate	Unit
Reproduction, Printing/Plotting, Miscellaneous		
3-Ring Binder 1 in	3.50	ea
3-Ring Binder 1/2 in	4.00	ea
3-Ring Binder 11 in x 17 in	24.00	ea
3-Ring Binder 1-1/2 in	4.60	ea
3-Ring Binder 2 in	5.90	ea
3-Ring Binder 2-1/2 in	14.40	ea
3-Ring Binder 3 in	8.20	ea
3-Ring Binder 4 in	13.75	ea
3-Ring Binder 5 in	20.75	ea
B&W Copies or Prints	0.08	copy
CD Holders	1.00	ea
Color Copies or Prints	0.50	copy
Color Plotter (HP755/3500 Bond)	2.00	sq ft
Color Plotter (HP755/3500 Photograph)	4.00	sq ft
Laminated Pocket Sheets	0.75	ea
Photocopies (large format)	1.00	copy
Postage/Shipping	USPS rate	ea
Report Binding	2.25	ea
Tabs	0.60	ea



U.S. Rental Equipment Rate Schedule—2025
(Alphabetized)

Rev. 11/13/2024
Sheet 1 of 10

Description

(U.S. dollars)

	Rate	Unit
Non-Expendable Equipment		
<i>Air Quality</i>		
Acrulog Air Monitor	100.00	day
Aeroqual S500 Air Monitor	100.00	day
Air Cooled M5 Probe/Oven Assembly	330.00	day
Ambient SO2 Monitor	110.00	day
Analytical Balance	6.60	ea
Analyzer Filter Oven	16.50	day
Analyzer Support Kit	440.00	day
Anemometer	55.00	day
CO Analyzer	275.00	day
CO Cal Gases (set of 2)	44.00	day
CO/O2/CO2 Regulators (set of 2)	22.00	day
Data Logger	44.00	day
Digital Calibrator	33.00	day
Dilution Calibrator	220.00	day
Dual Pen Strip Chart	55.00	day
EPA 6 SO2 Analysis Kit	65.00	day
EPA General Wet Method Prep	11.00	run
EPA Method 202	140.00	test
EPA Method 202 - Dry reaq/proof blank	77.00	run
EPA Method 202 - Dry Sample & Blank	97.00	run
EPA Method 202 - Wet Sample & Blank	65.00	run
EPA Method 25 (TGNMO) Sampling Train	275.00	day
EPA Method 3 ORSAT Analyzer	27.50	day
EPA Method 30B Probe	55.00	day
EPA Method 4	300.00	day
EPA Method 5 sample & blank	27.00	run
EPA Method 5 Sampling Train	440.00	day
EPA Method 5 Wet Test Meter Calibrator	265.00	day
FEM PM2.5 Particulate Sampler	1,650.00	month
FRM PM Particulate Sampler	1,500.00	month
FTIR Calibration Gas with Tracer Unit	75.00	day
FTIR StarBoost Module Unit	100.00	day
FTIR Thermal Oxidizer Module Unit	100.00	day
Gas Conditioner	75.00	day
Heated Sample Line (100')	110.00	day
Heated Sample Line (150')	110.00	day
Heated Sample Line (50')	66.00	day
Hivol Ambient Sampler Calibration Kit	27.50	day
Hydrocarbon Calibration Gases	65.00	day
Hydrocarbon Regulator Set	33.00	day
Met Station Calibration Kit	130.00	day
Meteorological Station	1,100.00	month
Midget Impinger Sample Line	55.00	day
Midget Impinger Sampling Train	45.00	day
MKS Multi-Gas Analyzer	1,250.00	day
Model 302 Gas Chromatograph	400.00	day
NCASI Method 8A Train	275.00	day
NCASI Sample Train	55.00	day



U.S. Rental Equipment Rate Schedule—2025
(Alphabetized)

Rev. 11/13/2024
Sheet 2 of 10

Description

(U.S. dollars)

	Rate	Unit
NOx Analyzer	285.00	day
NOx Cal Gases (set of 2)	44.00	day
NOx/SO2 Regulators (set of 2)	27.50	day
O2/CO2 Analyzer	275.00	day
O2/CO2 Cal Gases (set of 2)	44.00	day
Ohio Lumex Mercury Analyzer	1,650.00	day
PM 10/2.5 In Stack Separators	110.00	day
PM10 BAM-1020	410.00	month
PM10 HiVol	132.00	month
Portable Oxygen Analyzer	44.00	day
Primary Standard Flow	65.00	day
Quartz Filter	16.00	run
Single Pen Strip Chart Recorder	38.50	day
SO2 Analyzer	375.00	day
SO2 Calibration Gas	44.00	day
SO2 Monitoring	1,760.00	month
Spider Box	30.00	day
SPM Flex	1,650.00	month
Testo 350 Portable Analyzer	300.00	day
Total Hydrocarbon Analyzer	440.00	day
TRS Kit	110.00	day
TSP Hi-Vol Sampler	33.00	day
Unheated Sample Line 100 ft.	44.00	day
Universal Control Console (Vost Meter)	275.00	day
Volumetric Air Flow Measure	65.00	day
Volumetric and Mass Flow Calibrator	110.00	day
<i>Field Equipment</i>		
1-1/2 in Multi-Stage Pump	70.00	day
1-1/2 in Submersible Purge Pump	35.00	day
360 Degree Camera	18.00	day
4 in Submersible Pump	300.00	day
4 in. OD C.A.B. Tube	15.00	foot
Alkalinity Test Kit	8.00	test
Alpha Water Bottle	3.00	ea
Aqua Troll 600	170.00	day
Aqua Troll 600 w/Extra Sensor	185.00	day
Arc Flash Label Printer	5.00	use
Area/Velocity Flow Meter Daily Rate	35.00	day
Area/Velocity Flow Meter Daily Rate - monthly discount applied	21.00	day
Area/Velocity Flow Meter Daily Rate - weekly discount applied	26.25	day
Auto Sampler Daily Rate	30.00	day
Auto Sampler Daily Rate - monthly discount applied	18.00	day
Auto Sampler Daily Rate - weekly discount applied	22.50	day
Auto Sampler w/Depth & Flow Daily Rate	60.00	day
Auto Sampler w/Depth & Flow Daily Rate - monthly discount applied	36.00	day
Auto Sampler w/Depth & Flow Daily Rate - weekly discount applied	45.00	day
Bladder Pump w/Controller	150.00	day
Conductivity Meter	20.00	day
Conductivity Meter Plus	35.00	day
Current Meter Suspension Kit	55.00	day



U.S. Rental Equipment Rate Schedule—2025

(Alphabetized)

Rev. 11/13/2024

Sheet 3 of 10

Description

(U.S. dollars)

	Rate	Unit
Data Transfer System (DTU)	22.00	day
Depth Sensor/Flow Meter Daily Rate	30.00	day
Depth Sensor/Flow Meter Daily Rate - monthly discount applied	18.00	day
Depth Sensor/Flow Meter Daily Rate - weekly discount applied	22.50	day
Differential Pressure Datalogger	25.00	day
Disposable Vapor Manifold Kit w/o Pin	3.00	ea
Dissolved Oxygen Meter	40.00	day
Dissolved Oxygen Sensor/Datalogger	30.00	day
Dissolved Oxygen-Conductivity Meter	40.00	day
DSLR Camera w/24-120mm lens	75.00	day
Ekman Dredge	6.00	day
Electric Vacuum Pump	10.00	day
Electromagnetic Flowmeter	65.00	day
Equipment Shelter	2.75	day
Extensometer	40.00	day
Field-Rugged Laptop or Pocket PC	25.00	day
FieldSink	8.00	day
Gas Generator	30.00	day
Gator Diesel Air Compressor	60.00	day
Go-Pro Camera	20.00	day
Hand Auger	12.00	day
Hand Vacuum Pump	2.30	day
Handheld Velocity Flow Meter Daily Rate	90.00	day
Handheld Velocity Flow Meter Daily Rate - monthly discount applied	54.00	day
Handheld Velocity Flow Meter Daily Rate - weekly discount applied	67.50	day
Heavy-Duty Weed/Brush Trimmer	17.00	day
HOBO Weather Station	21.00	day
Ice Shelter	15.00	day
Isco Laser Flowmeter Daily Rate	48.00	day
Isco Laser Flowmeter Daily Rate - monthly discount applied	28.80	day
Isco Laser Flowmeter Daily Rate - weekly discount applied	36.00	day
Kemmerer Vertical Bottle Sampler	33.50	day
Landfill Gas Analyzer	200.00	day
Laser Flowmeter W/O Telemetry	47.50	day
Laser Flowmeter w/Telemetry	50.00	day
Level Troll Transducer Daily Rate	85.00	day
Level Troll Transducer Daily Rate - monthly discount applied	51.00	day
Level Troll Transducer Daily Rate - weekly discount applied	63.75	day
Low Flow Pump System	20.00	day
LR-24 Electro-Fisher	200.00	day
Measurement & Control Datalogger	13.00	day
Mini-Block Sampler	500.00	use
Munsell CAPSURE Handheld	20.00	day
Oil/Water Interface Meter	65.00	day
Orbital Shaker Table	105.00	day
Peristaltic Pump	45.00	day
Petite Ponar Dredge	15.00	day
pH Meter	30.00	day
Phipps & Bird Jar Tester	30.00	day
Pneumatic Slug Kit	9.00	day



U.S. Rental Equipment Rate Schedule—2025

(Alphabetized)

Rev. 11/13/2024

Sheet 4 of 10

Description

(U.S. dollars)

	Rate	Unit
Porewater Sampling Supplies (6)	40.00	pack
Portable Colorimeter	60.00	day
Portable Computer Monitor	8.00	day
Portable Doppler/TT Ultrasonic FlowMeter Daily Rate	69.00	day
Portable Doppler/TT Ultrasonic FlowMeter Daily Rate - monthly discount applied	41.50	day
Portable Doppler/TT Ultrasonic FlowMeter Daily Rate - weekly discount applied	51.75	day
Portable Field Scale	15.00	day
Portable Greenhouse Gas Analyzer	200.00	day
Portable Streamflow Meter	25.00	day
Portable SVE Blower	30.00	day
Power Cable for Sodar Equip	167.00	month
Radon Monitor	62.00	day
RST SglChannel Vibrating Wire Datalogger	4.00	day
Sediment Corer	50.00	day
SidePak Aerosol Monitor	150.00	day
Sodar Trailer (3 Month Minimum)	3,000.00	month
Soil EC Meter	90.00	day
Soil Vapor Extraction System w/Trailer	135.00	day
Soil Vapor Recovery Parts (Point Tubing)	10.00	use
Soil Vapor Recovery System	40.00	day
Solar Panel Module w/Charge Controller	12.00	day
Solid PVC slug surge blocks	5.00	day
Sontek ADV (Acoustic Doppler Velocimeter)	160.00	day
Spectrometer UV/VIS Ocean Optics	115.00	day
Spill Containment Kit	10.00	day
Split Tube Soil Probe	12.00	day
Spotting Scope	35.00	day
SS Submersible Pump w/Controller	150.00	day
Stainless Steel Vapor Sampling Manifold	4.00	use
SteamPro ADCP	450.00	day
Stroboscope	25.00	day
Temperature Datalogger	1.50	day
Tent	15.00	day
Turbidimeter	40.00	day
Turbidity Sensor w/Cable - DTS-12	43.00	day
Underwater Viewing Camera	60.00	day
Unmanned Aircraft System (UAS)	160.00	hour
UV Organics Monitor	22.00	day
Vapor Pin Temporary Install Kit	50.00	use
Vehicle Winch	25.00	day
Vibracoring System for Jon Boat	150.00	day
Vibracoring System for Pontoon	500.00	day
VW Piezometer/Data Logger Combo	200.00	use
Water Level Meter Daily Rate	25.00	day
Water Level Meter Daily Rate - monthly discount applied	15.00	day
Water Level Meter Daily Rate - weekly discount applied	18.75	day
Water Quality Meter (YSI 556)	90.00	day
Well Downrigger	13.00	day
Wireless Troll Com	25.00	day
XL Backpack	7.00	day



U.S. Rental Equipment Rate Schedule—2025
(Alphabetized)

Rev. 11/13/2024
Sheet 5 of 10

Description

(U.S. dollars)

	Rate	Unit
X-Ray Fluorescence Analyzer	450.00	day
YSI ProDSS Daily Rate	185.00	day
YSI ProDSS Daily Rate - monthly discount applied	110.00	day
YSI ProDSS Daily Rate - weekly discount applied	140.00	day
Zooplankton	145.00	day
Zooplankton Net	7.00	day
<i>GSHM Hardware and Software</i>		
AMTS Protective Enclosure	150.00	month
Automated High Frequency Distometer	1,000.00	month
Cellular Modem Rental	25.00	month
Diff. GNSS Base GMX901 SN:191586	700.00	month
Digital Node Datalogger Radio Share Gtwy	60.00	week
Geomos Alarm Package	300.00	month
Geomos Analyzer	250.00	month
Geomos Software - Total Station Control	1,000.00	month
GeomosNow! Web Presentation Software	1,000.00	month
Logger Box - CR300	60.00	month
Logger Box - CR6/CR1000	150.00	month
MNFI Database Search	350.00	ea
MS50 1 in R2000 SN:367577	3,000.00	month
MS50 1 in R2000 SN:368340	3,000.00	month
MS50 1 in R2000 SN:369691	3,000.00	month
Multi-Channel Geonet Logger	75.00	month
SAA Digital Node Datalogger Radio	500.00	week
Scanning AMTS Package	1,500.00	month
Single Channel Geonet Logger	25.00	month
TCA1800 SN:425872	1,500.00	month
Three Single Channel Logger and VW Crack	125.00	month
Three Single Channel Loggers and VW Crac	250.00	month
Tilt Monitoring System	600.00	month
TM30 1 in Active Rate SN:363653	3,000.00	month
TM30 1 in Inactive Rate SN:363653	3,000.00	month
TM30 1 in SN:360484	3,000.00	month
TM50 0.5 in R1000 SN:368700	3,000.00	month
TM50 I 0.5 in R1000 SN:368314	3,000.00	month
TM50 I 0.5 in R1000 SN:369733	3,000.00	month
TM50 I 0.5 in R1000 SN:370204	3,000.00	month
Total Station Monitoring Package	4,000.00	month
VDM Site License Rental Fee - 1 Site Lic	15.00	month
VDM Site License Rental Fee-40 Site Lice	600.00	month
Vibration System	1,500.00	day
Weekly AMTS Active Monitoring	1,750.00	week
Weekly AMTS Inactive Monitoring	500.00	week
Wireless Vibration Sensor (CX-1)	900.00	month
Wireless Vibration Sensor Base (SNA-1)	1,500.00	month
<i>Materials and Testing</i>		
Borehole Camera System	225.00	day
Brass Sieve Set	6.00	day
Clarifier Pilot Test Unit	865.00	month
Coarse Sieve Set	10.00	day



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Description

(U.S. dollars)

	Rate	Unit
Concrete Air Meter	36.00	day
Concrete Test Hammer	40.50	day
Cordless Portable Band Saw	30.00	day
Cordless Work Light	30.00	day
DL Plus Ultrasonic Kit	62.00	day
Double Ring Infiltrometer	65.00	day
Dual-Mass Dynamic Cone Penetrometer	60.00	day
Dye Penetrant Kit	22.00	day
Electrical Pilot Skid	600.00	month
Filter Press	160.00	day
Flat Plate Dilatometer	500.00	day
Flux Chamber	32.00	day
GeoKon Black Handheld VW Reader	20.00	day
Geomil VST Electrical Vane Tester	500.00	day
Hand Vane Shear	98.50	day
Heavy-Duty Balance	16.00	day
Hilti Hammer Drill	35.00	day
Horizontal Sample Ejector	29.50	day
In-Place Inclinator (IPI) System	47.50	day
IPI System Data Acquisition Auxiliary St	16.00	day
IPI System Data Acquisition Base Station	20.00	day
Kessler Field Moisture Oven	45.00	day
Limnology Lab	75.00	day
Liquid Limit Set	7.50	day
Load Plate Apparatus	230.00	day
Magnetic Crawler	48.00	day
Magnetic Particle Kit	38.00	day
Manual Extensometer (Slideminder)	32.00	day
Metal Thickness Gauge	60.00	day
Minimate Plus Blast Monitor	100.00	day
MPD Infiltrometer - Triple Kit	75.00	use
Paint Thickness Gauge	15.00	day
Pile Testing Equipment	95.00	day
Platform Beam Scale	14.75	day
PLC Lab	10.00	hour
PLC Lab	25.00	half day
PLC Lab	40.00	day
Pneumatic readout	95.00	day
Point Load Testing System	100.00	day
Portable CPT	200.00	day
Power Auger	43.00	day
Proctor Set	4.50	day
Proving Ring Penetrometer	36.00	day
Resistivity Meter (Ultra Mini-Res)	110.00	day
SAA Field Power Unit	25.00	day
Sample Splitter	5.00	day
Shaw Backpack Core Drill	450.00	day
Silverwing Crawler	400.00	day
SINCO Inclinator Probe	200.00	day
Steel Inspection Kit #1 Daily Rate	100.00	day



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Description

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	Rate	Unit
Steel Inspection Kit #1 Daily Rate - weekly discount applied	75.00	day
Steel Inspection Kit #2	180.00	day
Steel Inspection Kit #2 Daily Rate - weekly discount applied	140.00	day
Steel Inspection Kit #3 Daily Rate	300.00	day
Steel Inspection Kit #3 Daily Rate - weekly discount applied	250.00	day
Step Down Transformer (480V to 240V)	75.00	day
Strain Gage Monitoring and Logging Syste	350.00	month
SuperSting R1 Resistivity Meter	175.00	day
Thermal Imaging Camera Flir E60	170.00	day
Torvane Shear Device	2.50	day
Vane Inspection Kit	19.00	day
Vertek CPT Equipment	593.00	day
Vibrating Wire Logger SINCO VW2104	24.00	day
Water Treatment Lab	200.00	day
Weld Inspection Equipment	12.00	day
Safety		
Automatic External Defibrillator (AED)	40.00	day
Calibration Gas Kit	8.75	day
Cell Booster	10.00	day
Confined Space Rescue Retrieval Kit	295.00	day
Confined Space Ventilator	54.75	day
Dry Cell Air Flow Calibrator	50.00	day
Emergency Escape Breathing Apparatus	18.00	day
Fall Protection Harness	20.00	ea
Flame Ionization Detector TVA1000	133.00	day
Full Face Respirator	8.00	day
H2S Meter	27.00	day
Half-Face Respirator	6.00	day
InReach Satellite Communication Device	11.50	day
MSHA Kit	25.00	day
MX4 Gas Meter Daily Rate	45.00	day
MX4 Gas Meter Daily Rate - monthly discount applied	27.00	day
MX4 Gas Meter Daily Rate - weekly discount applied	33.75	day
MX6 - 6 Gas Meter	65.00	day
Noise Dosimeter	74.00	day
PAPR (Powered Air Purifying Respirator)	19.00	day
PID 10.6eV Lamp Daily Rate	110.00	day
PID 10.6eV Lamp Daily Rate - monthly discount applied	66.00	day
PID 10.6eV Lamp Daily Rate - weekly discount applied	82.50	day
PID 11.7eV Lamp	160.00	day
RKI Eagle-2 Multi-gas Monitor	125.00	day
Self-Retracting Lifeline-30'	56.00	day
Sound Level Meter	48.75	day
Spot Messenger Device	5.85	day
Supplied Air System	175.00	month
UltraRAE 3000 PID	150.00	day
Survey		
Aquatic Invasive Species Decon System	187.00	day
Cellular Modem	110.00	month
Cellular Modem Antenna	27.50	month



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Description

(U.S. dollars)

	Rate	Unit
Centimeter Grade Differential GPS System	180.00	day
Chain Saw	25.25	day
Communication Radios (Set)	25.00	day
GPS Garmin Daily Rate	13.00	day
GPS Garmin Daily Rate - monthly discount applied	7.80	day
GPS Garmin Daily Rate - weekly discount applied	9.75	day
GPS Receiver (R1_EOS Arrow_FLX100)	75.00	day
GPS System w/iPad	155.00	day
GPS Trimble Daily Rate	155.00	day
GPS Trimble Daily Rate - monthly discount applied	93.00	day
GPS Trimble Daily Rate - weekly discount applied	115.00	day
Hand Ice Auger	7.70	day
Laser Range Finder	96.00	day
LCD Depth Locator	12.50	day
Leica HDS ScanStation P20 or P40	137.00	hour
Leica Scanner RTC 360	125.00	hour
Leica Structural Monitoring AMTS	107.00	day
Matrice 300 RTK UAS	500.00	day
Metal Detector	30.00	day
Modem Antenna (in excess of 3 months)	5.50	day
Power Ice Auger	33.00	day
Real-Time Kinematic (RTK) GPS Survey Sys	31.00	hour
Robotic Total Station	31.00	hour
Side Scanning Depth Finder	82.50	day
Spectra Laser Level	45.00	day
Survey Set (Level Tripod Rod)	30.00	day
Utility Locator	45.00	day
Z-Boat Bathymetry Survey System	165.00	hour
<i>Vehicles, Boats, and Trailers</i>		
18 foot Jon Boat & Trailer	150.00	day
4WD All-Terrain Vehicle (Ranger w/ tracks)	350.00	day
4WD All-Terrain Vehicle (Ranger)	150.00	day
4WD All-Terrain Vehicle (Ranger) Daily Rate - monthly discount applied	55.00	day
4WD All-Terrain Vehicle (Ranger) Daily Rate - weekly discount applied	94.00	day
Air Sampling Trailer	125.00	day
Barr Vehicle Daily Rate	115.00	day
Barr Vehicle Daily Rate - monthly discount applied	69.00	day
Barr Vehicle Daily Rate - weekly discount applied	86.00	day
Barr Vehicle-Use Unlimited Daily Rate	165.00	day
Barr Vehicle-Use Unlimited Daily Rate - monthly discount applied	100.00	day
Barr Vehicle-Use Unlimited Daily Rate - weekly discount applied	125.00	day
Bathymetry Survey System - Boat Attachment	545.00	day
Canoe	45.00	day
Heavy Trailer Mileage	0.25	mile
Jon Boat & Trailer	70.00	day
Kayak	50.00	day
Outboard Motor	55.00	day
Vehicle, personal vehicles subjected to off-road, transport, or other severe duty	72.50	day
Pontoon Boat Coring Platform	325.00	day
TracOne Truck Rack	15.00	day



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Description **(U.S. dollars)**

	Rate	Unit
Trolling Motor and Battery	52.00	day
Utility Trailer	40.00	day
Yakima Canoe Trailer	38.00	day
<i>Communications and Imaging</i>		
Digital Camera	20.00	day
iPad/Tablet Computer	50.00	day
Starlink High-Speed Internet	25.00	day
Video Camera	50.00	day
Wi-Fi Hotspot	15.00	day
Expendable Field Supplies		
1 Liter Hazmat Cooler Packaging	137.00	ea
1/4 in Bladder Pump Tubing	1.80	foot
1/4 in ID PVC Tubing	0.50	foot
1/4 in ID Silicone Pump Tubing	2.10	foot
1/4 in OD LDPE Tubing	0.30	foot
1/4 in OD PFA Tubing for Vapor Manifold	5.75	foot
10cm Rhizon CSS w/ Needle	17.50	ea
2 Liter Hazmat Cooler Packaging	148.25	ea
250 mL Disposable Stand Up Filter	21.50	ea
3/16 in ID X ¼ in OD HDPE Tubing	0.50	foot
3/8 in ID PVC Tubing	0.60	foot
3/8 in ID Silicone Pump Tubing	12.60	foot
3/8 in ID X ½ in OD HDPE Tubing	0.50	foot
3/8 in OD PVA Tubing for Vapor Manifold	10.70	foot
3M Versaflo OVAG/P100 PAPR Filter	292.50	ea
3M Versaflo P100 PAPR Filter	132.00	ea
4-mil Quart Reclosable Bag (pack of 50)	5.75	pack
5 Gallon Hazmat Packaging	17.00	ea
5 Gallon Pail w/Lid	17.30	ea
500 mL Disposable Stand Up Filter	38.60	ea
Chemical Resistant Gloves	4.80	pair
Compressed Nitrogen (84 CF Q tank)	9.50	month
Core Tubing (2 in Clear PVC)	4.40	foot
Core Tubing (3 in Aluminum)	3.80	foot
Distilled Water (per 1 gallon)	2.00	ea
Fence Post & Hardware for Stream Gauges	18.90	ea
Flagging Tape (per roll)	4.30	ea
Hydrochloric Acid (per Liter)	9.60	ea
Ice (per bag)	3.10	ea
In-Line Groundwater Filter	19.50	ea
Lath 4 ft (bundle of 50)	54.00	bundle
Leather Gloves	32.75	pair
Lock	22.00	ea
Nitrile Coated Insulated Gloves	12.00	pair
Nitrile Coated Microfoam Gloves	5.80	pair
Nitrile Gloves	0.40	pair
Paper Towels (per roll)	3.00	roll
Pin Flagging (bundle of 100)	14.60	bundle
Powder Pillow Pack for Colorimeter	0.75	ea



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Description

(U.S. dollars)

	Rate	Unit
PVC Boot Covers	13.00	pair
PVC Coated Winter Monkey Grip Gloves	18.40	pair
Replacement Bladder Kit for QED Pump	19.00	ea
Respirator Cartridges (OVAG)	50.30	pair
Respirator Cartridges (Particulate)	25.10	pair
Rite in the Rain Bound Field Book	32.90	ea
Rite in the Rain Spiral Field Book	13.50	ea
Spray Paint	10.10	ea
Stakes (bundle of 50)	36.80	bundle
Stream Gauge	76.30	ea
Tree Tags and Nails (bundle of 100)	19.50	bundle
Tyvek Boot Covers	3.00	pair
Tyvek Coverall	16.90	ea
Vapor Pin (Permanent Install Kit)	103.00	ea
Weighted Disposable Bailer	7.40	ea
Whirl-Pak Headspace Bags (pack of 50)	20.30	pack
Winter Glove Liner	7.50	ea
Zooplankton Bottle	2.70	ea
1 Liter Hazmat Cooler Packaging	137.00	ea
1/4 in Bladder Pump Tubing	1.80	foot
1/4 in ID PVC Tubing	0.50	foot
1/4 in ID Silicone Pump Tubing	2.10	foot
1/4 in OD LDPE Tubing	0.30	foot
1/4 in OD PFA Tubing for Vapor Manifold	5.75	foot
10cm Rhizon CSS w/ Needle	17.50	ea
2 Liter Hazmat Cooler Packaging	148.25	ea
250 mL Disposable Stand Up Filter	21.50	ea
3/16 in ID X ¼ in OD HDPE Tubing	0.50	foot
3/8 in ID PVC Tubing	0.60	foot
3/8 in ID Silicone Pump Tubing	12.60	foot
3/8 in ID X ½ in OD HDPE Tubing	0.50	foot

General Notes: Applicable to all equipment listed on this schedule

1. Minimum rental period is 0.5 days unless noted.
2. Rental charges begin on the first day the equipment is used on a project.
3. Rental charges end on the last day the equipment is used on a project.
4. Equivalent equipment/models may be substituted for the items listed.
5. Mileage will be billed at the IRS-allowable rate.