

RED LAKE WATERSHED DISTRICT

January 9, 2025

9:00 a.m.

Agenda

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	December 30, 2024 Minutes	Action
	Financial Report dated January 8, 2025	Action
	Auto Pay Vendors List	Info/Action
	Manager Appointment	Information
	Election of Board of Officers	Action
	Advisory Committee	Action
	Committees for 2025 (committee list in packet)	Action
	Schedule Board Meetings	Action
	Designate Depositories	Action
	Conflict of Interest Policy Review	Action
	2025 MN Watersheds Dues	Information
	Chiefs Coulee, RLWD Project No. 46S Pay Estimate #1	Info/Action
	Huot Project, RLWD Project No. 149, Red Lake River 1W1P Mn DNR CPL Grant	Information
	Clearwater Riverbank Stabilization, RLWD Project 149B, Clearwater River 1W1P, Mn DNR CPL Grant Application	Info/Action
	Maintenance on RLWD Ditches	Info/Action
	Purchase of FlowTracker2	Info/Action
	Permits: 24234	Action
	Summer Intern	Info/Action

2025 MW Legislative Event	Information
River Watch Forum Save the Date	Information
Administrator's Update	Information
Legal Counsel Update	Information
Managers' Updates	Information
Adjourn	Action

UPCOMING MEETINGS

January 9, 2025	RLWD Board Meeting, 9:00 am
January 14-16, 2025	42 nd Annual RRBC Land & Water International Summit Conference, Grand Forks
January 20, 2024	RLWD Closed - HOLIDAY
January 22, 2025	UL/RL 1W1P – BWSR Board Meeting
January 23, 2025	RLWD Board Meeting, 9:00 am
January 28, 2025	BWSR Watershed Manager Training
March 5, 2025	Inter-Agency Meeting, USFWS/MnDNR @ Agassiz

RED LAKE WATERSHED DISTRICT
Board of Managers' Minutes
December 30, 2024

President, Gene M. Tiedemann, called the meeting to order at 9:00 a.m. at the Red Lake Watershed District Office, Thief River Falls, MN.

Managers Present: Grant Nelson, Terry Sorenson, Allan Page, Tom Anderson, LeRoy Ose, and Gene Tiedemann. Managers Absent: Brian Dwight. Staff Present: Tammy Audette, Lindsey Deselich, Elaine Rychlock, Nate Koland, Tony Olson, Melissa Bushy, and Legal Counsel, Delray Sparby.

The Board reviewed the agenda. A motion was made by Ose, seconded by Nelson, and passed by a unanimous vote that the Board approve the agenda. Motion carried.

The Board reviewed the December 12, 2024, minutes. Motion by Sorenson, seconded by Anderson, to approve the December 12, 2024, Board meeting minutes. Motion carried.

The Board reviewed the Financial Report dated December 11, 2024. Staff member Elaine Rychlock requested authorization to pay any additional regular bills that may come in prior to year end. Motion by Sorenson, seconded by Nelson to approve the Financial Report dated December 11, 2024, as presented, and grant authority for the payment of additional regular bills that may come in prior to year end. Motion carried. Administrator Audette noted that any additional regular bills paid will be presented to the Board at the January 9, 2025, Board meeting.

Discussion was held on the Certificate of Deposit (CD) that the Board had authorized to invest at Unity Bank at the December 12, 2024, meeting. Due to the lack of communication from Unity Bank, a motion was made by Ose, seconded by Nelson, for staff member Rychlock to seek quotes for the highest rate from other financial institutions for investment of the \$250,000 that was going to be invested in at Unity Bank and for the investment of two maturing CD's set to expire on January 2, 2025, and to invest the same with the financial institution offering the highest rate. Motion carried.

The Board reviewed correspondence from the League of Minnesota Cities, announcing that the District received a \$718 dividend on our Property/Casualty Insurance and a \$327 dividend on our Workers Compensation for a total dividend amount of \$1,045.

Administrator Audette stated that Engineer Tony Nordby, Houston Engineering, Inc., has tried various times to reach out to Taggart Contracting, Inc. for the submission of an invoice for the repairs to the Knutson Dam, RLWD Project No. 50F, without response. It was the consensus of the Board to wait for Taggart Contracting, Inc. to submit a bill.

Administrator Audette reviewed a Summary of Engineering Services for Phase 1 of the Clearwater River Grade & Bank Stabilization Design, Clearwater River 1W1P, RLWD Project No. 149B, in the amount of \$78,100. Motion by Sorenson, seconded by Anderson, to approve Phase 1 of the Clearwater River Grade & Bank Stabilization Design, Clearwater River 1W1P, RLWD Project No. 149B with Houston Engineering, Inc., in the amount of \$78,100. Motion carried.

The final payment hearing for ACM, LLC, for the Thief River Streambank Project, RLWD Project No. 149A, was called to order at 9:30 a.m. Administrator Audette stated that the hearing had been adequately published and will be videotaped. Engineer Tony Nordby, Houston Engineering, Inc., stated that ACM, LLC, has satisfactorily completed all construction on the project and that he approved final payment in the amount of \$85,558.68. Administrator Audette stated that a Notice of Claim on Payment Bond was presented from Attorney Kyle E Hart, on behalf of Olson Gravel, Inc. for \$134,476.15. For the record, it was noted that Attorney Kyle Hart; Attorney Aaron Dean, representing ACM, LLC.; Nick Alderink, ACM, LLC; and Charlie, a representative from Crawford's Equipment, were in attendance during the Final Payment Hearing via Zoom. Administrator Audette and Legal Counsel Sparby noted that they spoke with the bonding company, Employers Mutual Casualty Company, who noted that they will issue a Consent of Surety to Final Payment, which would allow the Board to make final payment directly to ACM, LLC. Motion by Sorenson, seconded Anderson, to approve the final payment to ACM, LLC, in the amount of \$85,558.68 for the Thief River Streambank Project (Drees/Stock), RLWD Project No. 149A. Motion carried. Manager Anderson voted in opposition.

Administrator Audette and Engineer, Tony Nordby updated the Board on the Project Work Team meeting held for the State Ditch 83 Area, RLWD Project No. 181, on December 18th at the District office. Further discussion was held on the grant that the RRWMB received through FEMA for Floodplain Mapping.

Administrator's Report:

- **Ron Weiss Retirement:** Included in the packet is a Retirement Open House invitation to a retirement reception for Ron Weiss, Red Lake County Commissioner, to be held on January 9, 2025, from 1:00 – 3:00 pm.
- **Watershed Manager Orientation:** If you wish to attend the BWSR Watershed Manager Orientation that will be held at the RLWD office on January 28, 2025, from 1:00 – 4:00 pm, please inform Melissa.
- **Upper/Lower Red Lake 1W1P:** The BWSR Northern Committee Meeting will review the draft Upper/Lower Red Lake 1W1P at their January 6, 2025, meeting to be held in Bemidji. Staff members Audette and Hanson will participate in a Steering Committee meeting on January 2, 2025.
- **RRWMB:** The RRWMB meeting will be held on January 7, 2025, starting at 10:00 a.m. The meeting date is one week earlier than normal due to the Annual Red River Basin Conference. Audette plans to attend the meeting.

- **Pine Lake Aeration:** Legal Notices have been issued for the intent to operate the aeration system on Pine Lake. The legal notice must be published prior to receiving the MnDNR permit application. The RLWD will inform the Board of when the aeration begins.
- **MS4 Front Demo:** District staff participated in a MS4 Front Demo, along with several of the One Watershed One Plan sub watersheds. Administrator Audette will report back to the Board after the 1W1P members are available for discussion.

Motion by Sorenson, seconded by Anderson, to adjourn the meeting. Motion carried.

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for January 9, 2025

Ck#	Check Issued to:	Description	Amount
direct	EFTPS	Withholding FICA,Fed & Medicare(12/31/24 pp)	\$4,868.51
direct	EFTPS	Withholding FICA,Fed & Medicare(12/31/24 pp)	\$105.20
direct	MN Tax	Withholding (12/31/24 pp)	\$859.96
direct	MN Tax	Withholding (12/31/24 pp)	\$7.98
direct	PERA	Public Retirement Account (pp 12/31/24)	\$2,785.79
41596	ACM, LLC	Pay Est #2 on Drees and Stock Stabilization	\$85,558.68
41597	Corporation Technologies	Agreement Billable Time	\$1,567.50
41598	Harvey Klipping	Gopher Removal Ditch 10	\$460.00
41599	Houston Engineering	Admin and T&E	\$11,814.00
41600	Kristie Huseth	Office Cleaning	\$700.00
41601	Marco	M-Files assistance with downloading error	\$55.00
41602	Marshall County SWCD	Jesse Nelson SWI's - Ag Pract. Thief River 1W1P	\$17,611.61
41603	Matrix	Deferred Comp	\$626.98
41604	Quality Spray Foam	Annual gate maintenance on Shirrick Dam	\$500.00
41605	East Polk SWCD	**See comments below	\$24,426.93
41606	Farmers Union Oil	Gas for vehicles	\$412.24
41607	Houston Engineering	2024 Website, viewer & database hosting	\$1,200.00
41608	Hugo's	Meeting food	\$284.38
41609	Jeff Olson	Snow Removal & Sand	\$1,040.00
41610	Marshall County SWCD	Thief River 1W1P Admin fees for December	\$1,273.30
41611	Pennington County SWCD	**See comments below	\$2,719.61
41612	Red Lake County SWCD	**See comments below	\$142,672.34
41613	Thief River Falls Times	Final Payment Hearing for Drees/Stock ad	\$59.40
41614	TRF Hardware	Wiper blades - windshield fluid for Nate's truck	\$76.96
41615	Pennington County Treasurer	Check mailed in error (returned)	\$36,112.64
online	Garden Valley	Internet Expenses	\$68.95
online	Northwest Service Coop	Health Insurance Premium	\$12,682.00
online	Card Member Services	MAWD rooms, paper, dish drain, head set, soap.	\$4,764.91
online	Aramark	Office Rug Rental	\$75.62
online	Aflac	Staff paid insurance	\$489.36
online	Delta Dental	Dental Insurance Premium	\$665.39
online	NCPERS	Staff Life Insurance	\$128.00
direct	Tom Anderson	Dec. Mileage	\$150.08
direct	Brian Dwight	Dec. Mileage	\$166.42
direct	Staff & Board Payroll	Salaries (pp 12/31/24)	\$17,731.71
Total Checks			\$374,721.45

***East Polk Clearwater River 1W1P admin fees* \$9,836.29
SWCD Quarter 2 Invoice \$14,590.64
\$24,426.93

***Pennington Clearwater 1W1P admin fees* \$182.28
SWCD Red Lake River 1W1P fees \$1,822.57
Thief River 1W1P fees \$714.76
\$2,719.61

**Red Lake	Clearwater 1W1P fees	\$16,154.90
SWCD	RL 1W1P 2022 fees	\$6,962.89
	CW 1W1P Const.on Oak Knolls Golf	\$109,054.55
	2023 CRWBIF MATCH	<u>\$10,500.00</u>
	(board approved 10/24/24)	\$142,672.34

<u>Northern</u>	Balance as of December 30, 2024		\$368,646.09
<u>State</u>	Total Check Written		-\$374,721.45
<u>Bank</u>	Receipt #12314	Beltrami County Riparian Aid	\$38.00
<u>TRF</u>	Receipt #12315	Clearwater County Riparian Aid	\$6,290.00
	Receipt #12316	Pennington County Taxes	\$31,072.15
	Receipt #12318	December Interest	\$4,126.86
	Receipt #12319	Pennington Co. Riparian Aid (see check 41615)	\$36,112.64
	Receipt #12320	Dakota Heritage Dec. Interest on CD's	\$10,374.76
	Receipt #12321	Red Lake County Del. Tax	\$213.02
	Receipt #12322	Clearwater County Taxes	\$11,072.16
	Balance as of January 8, 2024	Current interest rate is 3.25%	\$93,224.23

American	Balance as of December 30, 2024		\$ 4,482,380.99
Federal	Receipt #12317	December Interest	\$12,883.15
Fosston	Balance as of January 8, 2024	Current interest rate is 3.30%	<u>\$4,495,264.14</u>

CD's			
Edward Jones	12 month CD 4.55%		\$ 50,000.00
	Expiry 1-2-25 (requested to cash out)		
Edward Jones	12 month CD 4.75%		\$ 237,000.00
	Expiry 1-2-25 (requested to cash out)		
Edward Jones	12 month CD 4.9%		\$ 238,000.00
	Expiry 1-30-25		
Edward Jones	12 month CD 4.9%		\$ 237,000.00
	Expiry 2-14-25		
Dakota Heritage	7 month CD 5.17%		\$ 500,000.00
	Expiry 2-24-25		
Dakota Heritage	9 month CD 5.25%		\$ 500,000.00
	Expiry 4-24-25		
Edward Jones	12 month CD 5.2%		\$ 243,000.00
	Expiry 5-09-25		
Edward Jones	12 month CD 5.15%		\$ 237,000.00
	Expiry 5-09-25		
Dakota Heritage	7 month CD 5.17%		\$ 500,000.00
	Expiry 5-9-25		
Dakota Heritage	9 month CD 5.25%		\$ 500,000.00
	Expiry 7-9-25		
Dakota Heritage	9 month CD 4.85%		\$ 500,000.00
	Expiry 9-18-25		
Dakota Heritage	9 month CD 4.85%		\$ 500,000.00
	Expiry 9-18-25		
Total CD Investments			\$ 4,242,000.00
Total Cash (NSB + AFB + CD's)			\$ 8,830,488.37

**Cash that has been received and
earmarked for projects:**

2022 Grant Thief River 1W1P Project #149A	\$ 279,677.31
2023 Grant Clearwater 1W1P Project #149B	\$ 1,016,044.43
2022 Grant Red Lake River 1W1P Project #149	\$ 276,715.67
2024 Grant Red Lake River 1W1P Project #149	\$ 850,219.50
2025 Grant Clearwater 1W1P Project #149B	\$ 742,941.00
Mid Point Grant Project #149	\$ 10,202.57
Chief Coulee Project #46S	\$ 214,375.00
2025 CRP Payment Red Lake 1W1P	\$ 100,000.00
	<u>\$ 3,490,175.48</u>

Payables committed to by board action:

Chief Coulee Proj. #46S	\$ 800,000.00
	<u>\$ 800,000.00</u>
Total accessible cash (Est.)	\$ 4,540,312.89

The Board of Managers have in the past approved vendors to be paid electronically each month after approval the of monthly bills.
Listed below are the vendors and the amounts that will be deducted each month.

2024 ACH Auto Pay Vendor List Payment Schedule

NSB date	Company	Explanation	Amount	
1	Northwest Service Coop/Medica	Health premiums	\$ 12,682.00	Go to portal
1	Cardmember Services/Elan	Credit Card	*	Mail
7	Aflac	Staff paid insurance	\$ 489.36	Go to portal
7	Delta Dental	Dental insurance premiums	\$ 665.39	Go to portal
8	Vestis/Aramark	Rug Rental	\$ 75.62	Go to portal
9	NCPERS	Staff Life Insurance	\$ 128.00	Go to portal
11	City of Thief River Falls	Utilities	*	Go to portal
15	Les's Sanitation	Garbage Removal	\$ 35.74	Mail
16	Sunlife Financial	Life Insurance	\$ 144.64	Go to portal
16	Purewater Technology	Office H2O	\$ 38.00	Go to portal
21	Intuit - Quick Books	Monthly Fee	*	Gear
25	WEX	Monthly Fee	\$ 8.25	Email
26	MN Energy	Heat	*	Go to portal
26	AT & T	Cell Phone Expense	*	Mail
28	Garden Valley	Internet Expense	\$ 68.95	Mail

* payment different each month

With Each Pay period

EFTPS - Federal withholdings	*	1 week after pp will auto post on NSB + QB
MN Department of Revenue	*	1 week after pp will auto post on NSB + QB
PERA - Public Employers Retirement Asst.	*	create/ copy expenditure. Change amount.

qtrly Pitney Bowes (check) Jan, Apr, Jul, Oct.
 Marco (check) Starting 11-1-24 they will email Invoice - no longer mail.

RLWD Advisory Committee

John A. Nelson, Walker Brook Area
Steve Holte, Thief River Area
John Ungerecht, Upper Red Lake Area
Dan Schmitz, Black River Area
John Gunvalson, Clearwater River Area
Roger Love, Grand Marais Area
Dave Rodahl, Thief River Area
Shane Bowe, Red Lake Band of Chippewa Indians
Loiell Dyrud, Thief River Area
Curt Beyer, Black River Area
Greg Dyrdal, Black River Area
Wayne Larson, Moose River Area
Elroy Aune, Moose River Area
Kelly Dahlen, Red Lake Area
Steve Linder, Clearwater River Area
Gary Mathis, Lost River Area
John Barrett, Upper Red Lake Area
Trent Stanley, Thief River Area
Jim Sparby, Thief River Area
Dave Dalager, Pine Lake Area
Wayne Skoe, Upper Red Lake Area
Larry Peterson, Gully Sportsman's Club
Jim Counter, Pennington County Sportsman's Club
Mark Larson, Upper Clearwater River Area
Robyn Dwight, Upper Red Lake Area
Mike Solsten, Pine Lake
Ben Linder, Clearwater River Area

Pennington SWCD

Peter Nelson
Greg Hilgeman

Red Lake SWCD

Tanya Waldo

West Polk SWCD

Nicole Bernd

East Polk SWCD

Rachel Klein

Marshall SWCD

Darren Carlson

Beltrami SWCD

Katelyn Bergstrom

Clearwater SWCD

Chester Powell

Advisory Committee Members

Black River Area

*Dan Schmitz, RLF

Curt Beyer, RLF

Greg Dyrdal, TRF

Moose River Area

Wayne Larson, Middle River

Elroy Aune, Gatzke

Burnham Creek Area

Clearwater River Area

Steve Linder, Oklee

*John Gunvalson, Gonvick

Mark Larson

Ben Linder

Lost River Area

Gary Mathis, Gonvick

Grand Marais/Red Area

Roger Love

John Barrett

Poplar River Area

Clearwater Lake Area

Thief River Area

*Dave Rodahl, TRF

Trent Stanley

*Steve Holte

Jim Sparby

Loiell Dyrud

Walker Brook Area

*John A. Nelson, Clearbrook

Pine Lake Area

Dave Dalager

Mike Solsten

Larry Peterson

Red Lake River Area

Jim Counter

Kelly Dahlen

Upper Red Lake Area

*John Ungerecht, Northome

Robyn Dwight

Hill River Area

Gully Sportsmen Club

Larry Peterson

*Overall Advisory Committee Members

2024 Board Committees

Red River Watershed Management Board (RRWMB)

LeRoy Ose-Delegate (2021 1st year of a 3-year term)
Gene Tiedemann-Alternate
Grant Nelson

Minnesota Watershed (aka: MAWD)

LeRoy Ose-Delegate
Gene Tiedemann-Delegate
Allan Page-Alternate

Budget/Salary/Personnel Committee

Terry Sorenson
Al Page
Brian Dwight

Grand Marais Creek Joint Powers Board

Grant Nelson
Gene Tiedemann
Allan Page
Terry Sorenson-Alternate

Joint Ditch 100 and 101 (formerly JD 72) Joint Ditch Board

Terry Sorenson
Tom Anderson

20% Flood Reduction Committee

Tom Anderson
LeRoy Ose
Brian Dwight

Red Lake River One Watershed One Plan (1W1P)

Gene Tiedemann-Policy Committee
Grant Nelson-Alternate
Grant Nelson-Advisory Committee
Allan Page-Advisory Committee

Thief River One Watershed One Plan (1W1P)

LeRoy Ose-Policy Committee
Grant M. Nelson-Alternate
Grant M. Nelson-Advisory Committee
Brian Dwight-Advisory Committee

Blackduck Lake Structure Joint Powers Board

Brian Dwight
Tom Anderson

Permit Rules and Regulations

Brian Dwight
Allan Page
Gene Tiedemann

Clearwater River 1W1P

Tom Anderson-Policy Committee Delegate
Terry Sorenson-Policy Committee Alternate
Allan Page-Advisory Committee

Mud River Project Work Team

LeRoy Ose
Brian Dwight, Alternate

Upper/Lower Red Lake 1W1P

Brian Dwight-Policy Committee Delegate
Tom Anderson, Policy Committee Alternate
Tom Anderson – Advisory Committee

Turtle Connection Cross Lakes Project Work Team

Terry Sorenson
Tom Anderson, Alternate

SD 83/Thief River Area Flooding Concerns Project Work Team

LeRoy Ose
Grant Nelson

Conflict of Interest Policy

The Board of Managers hereby adopts for themselves and successor Managers the following guidelines in an effort to avoid real and perceived conflicts of interest and to enhance the credibility of the District's actions:

1. All Managers shall comply with MSA Sec. 471.87. No Manager shall have a personal financial interest in any sale, lease, or contract entered into by the Board as it applies to MSA Sec. 471.87.
2. Disclosure. At the beginning of the discussion on any subject, all Managers shall disclose any potential conflict of interest and/or direct pecuniary interest they may have. Examples of matters which should be disclosed by the Managers include:
 - a. They own land which may be assessed.
 - b. They own land which may benefit or be damaged other than by a direct tax.
 - c. They have close relatives who have lands as described in (a) and (b) above, and that said relationship is such that it may affect their judgment.
 - d. They have close friends or business associates who have lands as described in (a) and (b) above, and that said relationship is such that it may affect their judgment.
 - e. They are a public officer, such as a township officer, which has potential interest or that may be affected by said project.
3. All Managers shall abstain from Board discussion and voting on any resolution that involves a direct pecuniary interest.
4. Each Manager shall use his own judgment in other situations and when in doubt should probably abstain from discussion and voting.
5. To avoid the appearance of wrongdoing, it is suggested that a Manager should remove himself from the Manager's chair and sit in the audience when he wishes to participate in a public discussion, particularly a public meeting on subjects where he may have a direct conflict of interest.
6. To the extent applicable, the Watershed staff is instructed to follow the above guidelines.

Adopted March 11, 1992

Amended April 8, 2010

I have reviewed this policy and agree to abide by these rules.

Signed _____

Dated _____



MEMORANDUM

DATE: October 29, 2024
 TO: Watershed District and Watershed Management Organization Administrators
 FROM: Jan Voit, Executive Director
 CC: Minnesota Watersheds Board of Directors
 Angie Obremski, Accountant
 RE: 2025 Annual Membership Dues

As a non-profit organization that serves local governments, both rural and urban, that focus on water management on watershed boundaries, Minnesota Watersheds is a membership-driven organization. We greatly appreciate your membership in our organization.

Member services include regular communication regarding Minnesota Watersheds activities, as well as education and training opportunities at workshops, our legislative event, our summer tour, and our annual conference and trade show. We also provide lobbying services and are working with the Lockridge Grindal Nauen lobbying firm for the 2025 legislative session and beyond.

Please find attached a 2025 membership dues invoice and a spreadsheet that shows the amount due from each watershed district or watershed management organization in 2025. **The dues formula remains the same as in 2024.** Our bylaws state that the dues payable date is January 31 each year.

2025 MEMBERSHIP DUES

Dues Calculation = Estimated Market Value (EMV) x 0.00048 x 0.005, not to exceed cap

103D rural member	Cap = \$5,000
103D rural member with additional tax revenue options	Cap = \$7,500
103B metro WD member (EMV ≤ \$10B)	Cap = \$7,500
103B metro WD member (EMV ≥ \$10B)	Cap = \$12,500

**Minnesota Watersheds
 c/o Obremski Ltd.
 1005 Mainstreet
 Hopkins, MN 55343**

PLEASE SEND PAYMENT DIRECTLY TO OUR ACCOUNTANT.

We cannot be successful without our members. We are grateful for your support. If you have questions or concerns, please don't hesitate to contact me. I can be reached at 507-822-0921 or jvoit@mnwatersheds.com.

We are stronger TOGETHER!

Enclosures:

- Dues invoice
- Member Services
- 2025 dues spreadsheet
- BWSR memo dated July 24, 2024 re: 2024 Estimated Market Values

PRESIDENT
 Linda Vavra (Region 1)
 Bois de Sioux WD
lvavra@fedtel.net
 320-760-1774 | Term 2026

VICE PRESIDENT
 Peter Fjestad (Region 1)
 Buffalo Red River WD
pfjestad@prtcl.com
 218-731-4630 | Term 2025

SECRETARY
 Wanda Halker (Region 2)
 Upper Minnesota WD
whalker@fedtel.net
 320-760-6093 | Term 2024

TREASURER
 David Ziegler (Region 3)
 Riley-Purgatory-Bluff Creek WD
david.ziegler@outlook.com
 952-905-1889 | Term 2025

DIRECTORS
 Gene Tiedemann (Region 1)
 Red Lake WD
gtiedemann@rrv.net
 218-289-3511 | Term 2024

Jeff Gertgen (Region 2)
 Middle Fork Crow River WD
jlgaisson@gmail.com
 608-370-3934 | Term 2026

Brad Kramer (Region 2)
 Shell Rock River WD
brad@provenloconsulting.com
 507-369-6050 | Term 2025

Don Pereira (Region 3)
 Valley Branch WD
dpereira@vbwd.org
 651-968-9788 | Term 2024

Shaun Kennedy
 Bassett Creek WMC
skennedy@foodsysteminstitute.com
 651-260-0916 | Term 2026

Jan Voit
 Executive Director
jvoit@mnwatersheds.com
 507-822-0921





INVOICE

Minnesota Watersheds
1005 Mainstreet
Hopkins, MN 55343
507-822-0921
jvoit@mnwatersheds.com

Invoice No : 100
Date : 10/29/2024

Name
Red Lake Watershed District

2025	Minnesota Watersheds	Dues	Line Total
Amount due			\$ 7,500.00

	Subtotal	\$ 7,500.00
	TOTAL	\$ 7,500.00

Make all checks payable to Minnesota Watersheds.

THANK YOU FOR YOUR BUSINESS!

Member Services



**MINNESOTA
WATERSHEDS**
Connecting People. Protecting Water.

What is Minnesota Watersheds?

Minnesota Watersheds is a 501c(4) non-profit and membership based organization serving local governments that manage water on watershed boundaries rather than political boundaries. Members benefit from having an organization that **supports and advocates for leaders in watershed management** and works diligently to maximize the availability of tools and resources to **establish excellence and innovation** in member organizations.

Fortify the infrastructure to ensure reliable delivery of services



We maintain regular communication with our members to ensure they are informed of the latest watershed news including trainings they may find useful, changes to legislation that may impact them, and information to help them stay in compliance with governmental regulations and laws. **Strategic Plan efforts:** continued commitment to communication through newsletters and distributing meeting information, maintaining an up-to-date website, and consistently engaging committees.

Serve as a liaison to collaborate with statewide agencies and associations



We continue to maximize relationships with state agencies and associations as the best way to advance initiatives, especially with the legislature. **Strategic Plan efforts:** met regularly with Board of Water and Soil Resources and Minnesota Association of Watershed Administrators leadership and attended meetings with Local Government Water Roundtable staff.

Ensure strong legislative policies are in place for watershed management



Members drive the organization's policies through an annual resolutions process. From these resolutions, our Board of Directors sets each year's priorities. Our lobbyist works to influence political decisions on our behalf. **Strategic Plan efforts:** developed a legislative platform, secured legislative modernization of M.S. Chapter 103D, and hired a new lobbying team.

Enhance the skills of watershed district and watershed management organization boards



Every year, we provide members with opportunities to learn from other members and industry experts at our events. Training topics include watershed planning, permitting, flood control, education and outreach programs, innovative technologies, public relations, data collection and analysis, aquatic invasive species, drainage, governance, and leadership. **Strategic Plan efforts:** maintain our watershed handbook and provide training at events.

Build a watershed community that supports one another



The Board of Directors appreciates your watershed's support through attendance at the Legislative Day at the Capitol, Summer Tour, and Annual Conference. We value the opportunity to work with board members and staff at these events. We welcome your involvement in the Board of Directors and on our committees. This is **YOUR** organization. We look forward to serving you in the coming year. **Strategic Plan efforts:** share member services information and increase interaction with member organizations.

Coming together is a beginning; keeping together is progress; working together is SUCCESS.

- Henry Ford

Member Services



Our Members

Region I		
Bois de Sioux	Buffalo-Red River	Cormorant Lakes
Joe River	Middle-Snake-Tamarac Rivers	Pelican River
Red Lake	Roseau River	Sand Hill River
Two Rivers	Warroad	Wild Rice

Region II		
Buffalo Creek	Cedar River	Clearwater River
Crooked Creek	Heron Lake	High Island Creek
Kanaranzl-Little Rock	Lac qui Parle-Yellow Bank	Middle Fork Crow River
North Fork Crow River	Okabena-Ocheda	Shell Rock River
Turtle Creek	Upper Minnesota River	Yellow Medicine River

Region III		
Bassett Creek WMC	Brown's Creek	Capitol Region
Carnelian Marine St. Croix	Comfort Lake-Forest Lake	Coon Creek
Minnehaha Creek	Mississippi WMO	Nine Mile Creek
Prior Lake Spring Lake	Ramsey-Washington Metro	Rice Creek
Riley-Purgatory-Bluff Creek Valley Branch	South Washington	Vadnais Lake Area WMO

Minnesota Watersheds offers opportunities to increase watershed management skills, build relationships, and develop partnerships with like-minded groups and organizations.

2025 Minnesota Watersheds Membership Dues

WATERSHED DISTRICT	2024 Estimated Market Values (EMV)	.048% EMV	x 0.005	2025 Dues
LOWER MINNESOTA RIVER	15,305,048,900	7,346,423	36,732	12,500
RILEY-PURGATORY-BLUFF CREEK	20,710,259,500	9,940,925	49,705	12,500
SOUTH WASHINGTON	21,029,559,100	10,094,188	50,471	12,500
RAMSEY-WASHINGTON METRO	23,891,815,500	11,468,071	57,340	12,500
COON CREEK	24,424,365,800	11,723,696	58,618	12,500
NINE MILE CREEK	27,882,559,300	13,383,628	66,918	12,500
CAPITOL REGION	30,814,875,600	14,791,140	73,956	12,500
RICE CREEK	34,854,778,600	16,730,294	83,651	12,500
MINNEHAHA CREEK	76,039,742,300	36,499,076	182,495	12,500
CARNELIAN MARINE ST. CROIX	2,584,685,300	1,240,649	6,203	6,203
BROWN'S CREEK	3,004,131,300	1,441,983	7,210	7,210
COMFORT LAKE - FOREST LAKE	3,214,087,500	1,542,762	7,714	7,500
PRIOR LAKE - SPRING LAKE	6,345,112,700	3,045,654	15,228	7,500
VALLEY BRANCH	8,158,601,700	3,916,129	19,581	7,500
JOE RIVER	282,902,600	135,793	679	679
ROSEAU RIVER	1,186,753,200	569,642	2,848	2,848
THE TWO RIVERS	2,135,949,900	1,025,256	5,126	5,126
SHELL ROCK RIVER	2,941,346,200	1,411,846	7,059	7,059
MIDDLE SNAKE TAMARAC RIVERS	3,886,126,100	1,865,341	9,327	7,500
WILD RICE	5,656,472,500	2,715,107	13,576	7,500
BOIS DE SIOUX	5,741,851,600	2,756,089	13,780	7,500
RED LAKE	11,749,264,400	5,639,647	28,198	7,500
SAUK RIVER	12,683,604,400	6,088,130	30,441	7,500
BEAR VALLEY	311,473,200	149,507	748	748
CROOKED CREEK	515,086,800	247,242	1,236	1,236
BELLE CREEK	542,064,100	260,191	1,301	1,301
WARROAD	616,404,100	295,874	1,479	1,479
STOCKTON-ROLLINGSTONE WS	719,615,200	345,415	1,727	1,727
CORMORANT LAKES	987,758,700	474,124	2,371	2,371
OKABENA-OCHEDEA	1,476,416,800	708,680	3,543	3,543
SAND HILL RIVER	1,613,634,300	774,544	3,873	3,873
TURTLE CREEK	1,785,764,200	857,167	4,286	4,286
HIGH ISLAND	1,863,578,300	894,518	4,473	4,473
UPPER MINNESOTA RIVER	1,889,315,500	906,871	4,534	4,534
NORTH FORK CROW RIVER	2,187,673,000	1,050,083	5,250	5,000
MIDDLE FORK CROW RIVER	2,681,271,500	1,287,010	6,435	5,000
CLEARWATER RIVER	2,684,990,500	1,288,795	6,444	5,000
KANARANZI-LITTLE ROCK	2,697,762,200	1,294,926	6,475	5,000
PELICAN RIVER	3,411,723,800	1,637,627	8,188	5,000
BUFFALO CREEK	3,677,321,700	1,765,114	8,826	5,000
HERON LAKE	3,817,492,200	1,832,396	9,162	5,000
YELLOW MEDICINE RIVER	3,978,668,000	1,909,761	9,549	5,000
LAC QUI PARLE-YELLOW BANK	4,193,572,200	2,012,915	10,065	5,000
CEDAR RIVER	4,728,314,400	2,269,591	11,348	5,000
BUFFALO-RED RIVER	12,253,917,100	5,881,880	29,409	5,000
Watershed Management Organizations (WMOs)				
Bassett Creek WMC	14,409,438,000	6,916,530	34,583	7,500
Mississippi WMO	34,094,634,023	16,365,424	81,827	7,500
Vadnais Lakes Area WMO	5,568,461,800	2,672,862	13,364	7,500
New WMO members - 1st year \$500	0	0	0	0
TOTALS	457,230,245,623	219,470,518	1,097,353	308,697

Notes:

Dues Calculation = Estimated Market Values x 0.00048 x 0.005, not to exceed cap

For Greater MN; x 0.00096 x 0.005, not to exceed cap

103B metro WD member (EMV≥\$10B): Cap = \$12,500
103B metro WD member (EMV<\$10B): Cap = \$7,500
103D rural member with additional tax revenue options: Cap = \$7,500
103D rural member: Cap = \$5,000
WMO dues remain unchanged from the 2024 rate



Source of 2024 WD Estimated Market Values: See included BWSR Memorandum, July 24, 2024

Source of 2024 WMO Estimated Market Values - same values used for 2021 dues calculation

For more information, contact Jan Voit at 507-822-0921 or jvoit@mnwatersheds.com

Memo

Date: July 24, 2024

To: Watershed District Administrators and Managers

From: Melissa King, Tribal Liaison

Cc: Jan Voit, Minnesota Watersheds
Rob Sip, Red River Watershed Management Board
BWSR: John Jaschke, Andrea Fish, Justin Hanson, Dave Weirens, Amie Wunderlich, Regional Operations Staff

RE: 2024 Estimated Taxable Market Values for Watershed Districts

Please find attached a table containing the recently released total estimate market values for 2024 from the Minnesota Department of Revenue.

Session law changes enacted during the 2023 regular session effected the calculation of and increased the annual maximum general fund tax levy for a watershed district ([Minn. Stat. § 103D.905, Subd. 3](#)). The session law changes are effective beginning with the 2024 assessment year and thereafter. To calculate the annual maximum general fund tax levy for a particular watershed district:

- Multiply the estimated market value listed in the enclosed table for the watershed district by 0.096 percent (0.00096)
- Compare that calculated value to the maximum general fund levy limit of \$500,000
- Use whichever value is less

Please contact me at melissa.king@state.mn.us or 651.350.8845 with any questions.

Attachment: Taxes Payable 2024 Estimated & Taxable Market Values for Watershed Districts in Minnesota

TAXES PAYABLE 2024**ESTIMATED & TAXABLE MARKET VALUES (EMV) FOR WATERSHEDS DISTRICTS IN MINNESOTA**

Watershed Code	Watershed Name	Total EMV
001	Bear Valley Watershed District	\$ 311,473,200
002	Cedar River Watershed District	\$ 4,728,314,400
003	Belle Creek Watershed District	\$ 542,064,100
005	Buffalo Creek Watershed District	\$ 3,677,321,700
007	Buffalo-Red River Watershed District	\$ 12,253,917,100
008	North Fork Crow River Watershed District	\$ 2,187,673,000
009	Clearwater River Watershed District	\$ 2,684,990,500
010	Carnelian-Marine-St. Croix Watershed District	\$ 2,584,685,300
013	Coon Creek Watershed District	\$ 24,424,365,800
014	South Washington Watershed District	\$ 21,029,559,100
015	Cormorant Lakes Watershed District	\$ 987,758,700
016	Crooked Creek Watershed District	\$ 515,086,800
018	High Island Watershed District	\$ 1,863,578,300
020	Joe River Watershed District	\$ 282,902,600
021	Kanaranzi-Little Rock Watershed District	\$ 2,697,762,200
022	Lac qui Parle-Yellow Bank Watershed District	\$ 4,193,572,200
024	Heron Lake Watershed District	\$ 3,817,492,200
026	Middle-Snake-Tamarac Rivers Watershed District	\$ 3,886,126,100
028	Okabena-Ocheda Watershed District	\$ 1,476,416,800
030	Pelican River Watershed District	\$ 3,411,723,800
031	Bois De Sioux Watershed District	\$ 5,741,851,600
032	Prior Lake-Spring Lake Watershed District	\$ 6,345,112,700
034	Ramsey-Washington Metropolitan Watershed District	\$ 23,891,815,500
036	Red Lake Watershed District	\$ 11,749,264,400
038	Rice Creek Watershed District	\$ 34,854,778,600
040	Roseau River Watershed District	\$ 1,186,753,200
042	Sand Hill Watershed District	\$ 1,613,634,300
043	Sauk River Watershed District	\$ 12,683,604,400
044	Stockton-Rollingstone-Minnesota City Watershed District	\$ 719,615,200
048	Turtle Creek Watershed District	\$ 1,785,764,200
050	The Two Rivers Watershed District	\$ 2,135,949,900
052	Upper Minnesota River Watershed District	\$ 1,889,315,500
054	Valley Branch Watershed District	\$ 8,158,601,700
056	Warroad Watershed District	\$ 616,404,100
058	Nine Mile Creek Watershed District	\$ 27,882,559,300
060	Lower Minnesota River Watershed District	\$ 15,305,048,900
062	Minnehaha Creek Watershed District	\$ 76,039,742,300
064	Riley-Purgatory-Bluff Creek Watershed District	\$ 20,710,259,500
066	Wild Rice Watershed District	\$ 5,656,472,500
068	Yellow Medicine River Watershed District	\$ 3,978,668,000
069	Browns Creek Watershed District	\$ 3,004,131,300
070	Capitol Region Watershed District	\$ 30,814,875,600
071	Comfort Lake-Forest Lake Watershed District	\$ 3,214,087,500
073	Shell Rock River Watershed District	\$ 2,941,346,200
074	Middle Fork-Crow River Watershed District	\$ 2,681,271,500

SOURCE: Minnesota Department of Revenue 2024 PRISM SUBMISSION #3 - FINAL ASSESSMENT AND TAXATION



Contractor's Application and Certificate for Payment Summary

To (Owner): Red Lake Watershed District	From (Contractor): Quality Spray Foam LLC dba Anderson Exc.	Via (Engineer): Jacob Huwe
Owner's Project No.:	Contractor's Project No.:	Engineer's Project No.: 10134290
For (Contract): Chief's Coulee Flood Reduction and Water Quality Project	Application No.: 1	Application Period: 11/1/2024 - 12/11/2024

Application for Payment
Change Order Summary

Change Orders Approved by Owner:			
Number	Date Approved	Additions	Deductions
1		\$ -	\$ -
2		\$ -	\$ -
3		\$ -	\$ -
4		\$ -	\$ -
5		\$ -	\$ -
6		\$ -	\$ -
7		\$ -	\$ -
TOTALS		\$ -	\$ -
NET CHANGE BY CHANGE ORDERS		\$ -	\$ -

1. ORIGINAL CONTRACT PRICE	\$ 2,056,638.51
2. NET CHANGE BY CHANGE ORDERS	\$ -
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 2,056,638.51
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate)	\$69,500.00
5. RETAINAGE: 5% of Completed Work and Stored Material	\$ 3,475.00
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5)	\$66,025.00
7. LESS PREVIOUS PAYMENTS	\$ -
8. AMOUNT DUE THIS APPLICATION	\$ 66,025.00
9. BALANCE TO FINISH	\$ 1,987,138.51
10. PERCENT COMPLETE	3.10%

Contractor's Certification

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor: By: 	Date: 1-8-25
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Payment of:
\$ 66,025.00 is recommended.
HDR Engineering, Inc.

By:  Date: 1-8-2025

Red Lake Watershed District

By: _____ Date: _____



Contractor's Application and Certificate for Payment Summary

To (Owner): Red Lake Watershed District	From (Contractor): Quality Spray Foam LLC dba Anderson Excavating	Via (Engineer): Jacob Huwe
Owner's Project No.:	Contractor's Project No.:	Engineer's Project No.: 10318459
For (Contract): Chief;s Coulee Flood Reduction and Water Quality Project	Application No.: 1	Application Period: 11/1/2024 - 12/11/2024

Summary of Previous Payments

Application No.	Application Period	Payment Amount
1		
2		
3		
4		
5		
6		
7		
8		

Application No.	Application Period	Payment Amount
9		
10		
11		
12		
13		
14		



For (Contract): Chief's Coulee Flood Reduction and Water Quality Project										Contractor:		Quality Spray Foam LLC dba Anderson Exc.		
Application No.:		1								Application Period:		11/1/2024 - 12/11/2024		
A					B	C		D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2021.501	MOBILIZATION	LS	0.38	\$65,000.00	\$24,700.00	0.00	0.10	0.00	0.10	0.26	\$6,500.00	\$6,500.00	0.28	
2051.501	MAINT AND RESTORATION OF HAUL ROADS	LS	0.38	\$25,000.00	\$9,500.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0.38	
2101.501	CLEARING	ACRES	1.52	\$12,000.00	\$18,240.00	0.00	1.50	0.00	1.50	0.99	\$18,000.00	\$18,000.00	0.02	
2101.501	GRUBBING	ACRES	1.52	\$7,500.00	\$11,400.00	0.00	1.50	0.00	1.50	0.99	\$11,250.00	\$11,250.00	0.02	
2104.503	REMOVE CONCRETE CURB	LIN FT	30.00	\$25.00	\$750.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	30.00	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	156.56	\$10.00	\$1,565.60	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	156.56	
2104.503	REMOVE BITUMINOUS PAVEMENT	SQ YD	126.92	\$25.00	\$3,173.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	126.92	
2104.603	REMOVE RC PIPE CULVERT	LIN FT	42.00	\$25.00	\$1,050.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	42.00	
2105.607	SPOIL HAULING	CU YD	1065.90	\$10.00	\$10,659.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1065.90	
2106.507	EXCAVATION - COMMON (P)	CU YD	830.00	\$10.00	\$8,300.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	830.00	
2106.507	EXCAVATION - MUCK (P)	CU YD	266.00	\$12.00	\$3,192.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	266.00	
2106.507	COMMON EMBANKMENT (CV)	CU YD	1404.10	\$24.00	\$33,698.40	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1404.10	
2106.607	HAUL AND DISPOSE OF EXCAVATED MATERIAL	CU YD	266.00	\$12.00	\$3,192.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	266.00	
2108.504	GEOTEXTILE FABRIC TYPE 1	SQ YD	355.00	\$4.00	\$1,420.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	355.00	
2118.509	AGGREGATE SURFACING CLASS 5	TON	67.00	\$16.95	\$1,135.65	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	67.00	
2451.507	COARSE FILTER AGGREGATE (CV)	CU YD	65.00	\$60.00	\$3,900.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	65.00	
2451.607	GRANULAR BEDDING (CV) (P)	CU YD	0.50	\$24.00	\$12.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0.50	
2451.607	MEDIUM FILTER AGGREGATE (CV)	CU YD	10.00	\$60.00	\$600.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	10.00	
2451.607	BIOFILTRATION MEDIA MIX	CU YD	470.00	\$30.00	\$14,100.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	470.00	
2501.503	6" PVC PIPE DRAIN	LIN FT	162.00	\$20.50	\$3,321.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	162.00	
2502.602	6" PVC PIPE DRAIN CLEANOUT	EA	4.00	\$350.00	\$1,400.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	4.00	
2503.503	INSTALL 18" RC PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	14.00	\$45.31	\$634.34	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	14.00	
2503.503	INSTALL 30" RC PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	32.00	\$108.04	\$3,457.28	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	32.00	
2504.603	RELOCATE 1" COPPER WATER SERVICE	LIN FT	40.00	\$87.50	\$3,500.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	40.00	
2506.503	CONSTRUCT 30" DRAINAGE STRUCTURE PRECASE	LIN FT	11.00	\$209.07	\$2,299.77	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	11.00	
2506.602	CONSTRUCT 8'X10' DRAINAGE STRUCTURE DESIGN SPECIAL	EA	1.00	\$27,973.45	\$27,973.45	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1.00	
2506.602	CONSTRUCT 10' DRAINAGE STRUCTURE DESIGN SPECIAL	EA	2.00	\$165,000.00	\$330,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	2.00	
2506.602	INSTALL GRATE FRAME CASTING NO. 806	EA	1.00	\$1,200.00	\$1,200.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1.00	
2506.602	MANHOLE RISER COVER PLATE - 30" DIAMETER	EA	1.00	\$1,000.00	\$1,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1.00	
2511.507	RANDOM RIPRAP - CLASS 3	CU YD	7.00	\$130.00	\$910.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	7.00	
2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	30.00	\$100.00	\$3,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	30.00	
2563.601	TRAFFIC CONTROL	LS	0.38	\$7,500.00	\$2,850.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0.38	



For (Contract): Chief's Coulee Flood Reduction and Water Quality Project						Contractor:		Quality Spray Foam LLC dba Anderson Exc.						
Application No.: 1						Application Period:		11/1/2024 - 12/11/2024						
A					B	C		D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2573.502	STABILIZED CONSTRUCTION EXIT	EA	3.42	\$1,500.00	\$5,130.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	3.42	
2573.502	STORM DRAIN INLET PROTECTION	EA	2.66	\$115.55	\$307.36	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	2.66	
2573.503	SEDIMENT CONTROL LOG TYPE WOOD CHIP	LIN FT	70.68	\$5.00	\$353.40	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	70.68	
2573.503	FLOATATION SILT CURATIN TYPE STILL WATER	LIN FT	15.20	\$21.55	\$327.56	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	15.20	
2574.508	FERTILIZER, TYPE 3	POUND	1064.00	\$1.15	\$1,223.60	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1064.00	
2574.507	COMMON TOPSOIL BORROW	CU YD	466.64	\$26.00	\$12,132.64	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	466.64	
2575.504	EROSION CONTROL BLANKET, CATEGORY 0	SQ YD	380.00	\$3.00	\$1,140.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	380.00	
2575.505	SEEDING	ACRES	3.04	\$500.00	\$1,520.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	3.04	
2575.505	DISK ANCHORING	ACRES	1.14	\$71.55	\$81.57	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1.14	
2575.508	SEED MIXTURE, 25-131	POUND	418.00	\$3.90	\$1,630.20	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	418.00	
2575.508	SEED MIXTURE, 25-141	POUND	67.26	\$5.00	\$336.30	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	67.26	
2575.508	HYDRAULIC MULCH MATRIX	POUND	3990.00	\$1.05	\$4,189.50	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	3990.00	
2575.509	MULCH MATERIAL TYPE 1	TON	2.28	\$120.55	\$274.85	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	2.28	
2575.523	WATER	M GAL	7.98	\$75.00	\$598.50	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	7.98	
ORIGINAL CONTRACT TOTALS					\$561,378.97				3.10		\$35,750.00	\$35,750.00		



For (Contract): Chief's Coulee Flood Reduction and Water Quality Project										Contractor:		Quality Spray Foam LLC dba Anderson Exc.		
Application No.:					1					Application Period:		11/1/2024 - 12/11/2024		
A					B	C		D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2021.501	MOBILIZATION	LS	0.62	\$65,000.00	\$40,300.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0.62	
2051.501	MAINT AND RESTORATION OF HAUL ROADS	LS	0.62	\$25,000.00	\$15,500.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	0.62	
2101.501	CLEARING	ACRES	2.48	\$12,000.00	\$29,760.00	0.00	2.50	0.00	2.50	5.00	\$30,000.00	\$30,000.00	-0.02	
2101.501	GRUBBING	ACRES	2.48	\$7,500.00	\$18,600.00	0.00	0.50	0.00	0.50	1.00	\$3,750.00	\$3,750.00	1.98	
2104.503	REMOVE CONCRETE CURB	LIN FT	34.00	\$25.00	\$850.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	34.00	
2104.503	REMOVE CONCRETE RETAINING WALL	LIN FT	30.00	\$50.00	\$1,500.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	30.00	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	255.44	\$10.00	\$2,554.40	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	255.44	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	207.08	\$25.00	\$5,177.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	207.08	
2104.603	REMOVE CS PIPE CULVERT	LIN FT	350.00	\$20.00	\$7,000.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	350.00	
2104.603	REMOVE RC PIPE CULVERT	LIN FT	206.00	\$25.00	\$5,150.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	206.00	
2104.603	SALVAGE & REINSTALL FENCE	LIN FT	94.00	\$200.00	\$18,800.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	94.00	
2105.607	SPOIL HAULING (P)	CU YD	1,739.10	\$10.00	\$17,391.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1739.10	
2106.507	EXCAVATION - COMMON (P)	CU YD	4,665.00	\$10.00	\$46,650.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	4665.00	
2106.507	EXCAVATION - MUCK (P)	CU YD	434.00	\$12.00	\$5,208.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	434.00	
2106.507	COMMON EMBANKMENT (CV)	CU YD	2,290.90	\$24.00	\$54,981.60	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	2290.90	
2106.607	HAUL AND DISPOSE OF EXCAVATED MATERIAL	CU YD	434.00	\$12.00	\$5,208.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	434.00	
2108.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	178.00	\$2.50	\$445.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	178.00	
2118.509	AGGREGATE SURFACING CLASS 5	TON	1,405.00	\$16.95	\$23,814.75	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1405.00	
2211.509	AGGREGATE BASE CLASS 5	TON	29.00	\$16.95	\$491.55	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	29.00	
2211.609	AGGREGATE BASE CLASS 3	TON	205.00	\$15.70	\$3,218.50	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	205.00	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	TON	100.00	\$185.00	\$18,500.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	100.00	
2451.607	GRANULAR BEDDING (CV) (P)	CU YD	1,563.50	\$24.00	\$37,524.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1563.50	
2501.502	36" CAS SAFETY APRON AND GRATE DESIGN 3128	EA	6.00	\$5,560.00	\$33,360.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	6.00	
2501.502	15" RC PIPE APRON	EA	1.00	\$823.51	\$823.51	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	1.00	
2501.502	24" RC PIPE APRON	EA	2.00	\$1,012.12	\$2,024.24	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	2.00	
2501.503	24" CAS PIPE CULVERT	LIN FT	72.00	\$49.50	\$3,564.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	72.00	
2501.503	36" CAS PIPE CULVERT	LIN FT	220.00	\$74.00	\$16,280.00	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	220.00	
2503.503	INSTALL 15" RCP PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	14.00	\$58.44	\$818.16	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	14.00	
2503.503	INSTALL 24" RC PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	74.00	\$70.67	\$5,229.58	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	74.00	
2503.503	INSTALL 36" RC PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	6.00	\$158.64	\$951.84	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	6.00	
2503.503	INSTALL 48" RC PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	12.00	\$285.78	\$3,429.36	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	12.00	
2503.503	INSTALL 60" RC PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	14.00	\$439.47	\$6,152.58	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	14.00	
2503.503	INSTALL 44"X26" RC ARCH PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	2,598.00	\$258.62	\$671,894.76	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	2598.00	
2503.503	INSTALL 58"X36" RC ARCH PIPE SEWER DESIGN 3006, CLASS 3	LIN FT	350.00	\$363.81	\$127,333.50	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	350.00	
2503.503	INSTALL 73" SPAN RC PIPE ARCH SEWER DESIGN 3006, CLASS 3	LIN FT	72.00	\$581.69	\$41,881.68	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	72.00	
2506.503	CONSTRUCT 72" DRAINAGE STRUCTURE PRECASE	LIN FT	21.00	\$1,165.53	\$24,476.13	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	21.00	
2506.503	CONSTRUCT 84" DRAINAGE STRUCTURE PRECASE	LIN FT	32.00	\$1,675.76	\$53,624.32	0.00	0.00	0.00	0.00	0.00	\$0.00	\$0.00	32.00	



For (Contract): Chief's Coulee Flood Reduction and Water Quality Project						Contractor:		Quality Spray Foam LLC dba Anderson Exc.					
Application No.: 1						Application Period:		11/1/2024 - 12/11/2024					
A					B	C	D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period						
2506.503	CONSTRUCT 96" DRAINAGE STRUCTURE PRECASE	LIN FT	21.00	\$2,034.56	\$42,725.76	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	21.00
2506.602	CASTING ASSEMBLY - BEEHIVE GRATE AND FRAME	EA	13.00	\$1,500.00	\$19,500.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	13.00
2511.507	RANDOM RIPRAP - CLASS 3	CU YD	110.00	\$130.00	\$14,300.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	110.00
2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	34.00	\$100.00	\$3,400.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	34.00
2557.603	INSTALL CHAIN LINK FENCE	LIN FT	60.00	\$200.00	\$12,000.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	60.00
2563.601	TRAFFIC CONTROL	LS	0.62	\$7,500.00	\$4,650.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	0.62
2573.502	STABILIZED CONSTRUCTION EXIT	EA	5.58	\$1,500.00	\$8,370.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	5.58
2573.502	STORM DRAIN INLET PROTECTION	EA	4.34	\$115.55	\$501.49	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	4.34
2573.503	SEDIMENT CONTROL LOG TYPE WOOD CHIP	LIN FT	115.32	\$5.00	\$576.60	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	115.32
2573.503	FLOATATION SILT CURATIN TYPE STILL WATER	LIN FT	24.80	\$21.55	\$534.44	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	24.80
2574.508	FERTILIZER, TYPE 3	POUND	1736.00	\$1.15	\$1,996.40	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	1736.00
2574.507	COMMON TOPSOIL BORROW	CU YD	761.36	\$26.00	\$19,795.36	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	761.36
2575.504	EROSION CONTROL BLANKET, CATEGORY 0	SQ YD	620.00	\$3.00	\$1,860.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	620.00
2575.505	SEEDING	ACRES	4.96	\$500.00	\$2,480.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	4.96
2575.505	DISK ANCHORING	ACRES	1.86	\$71.55	\$133.08	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	1.86
2575.508	SEED MIXTURE, 25-131	POUND	682.00	\$3.90	\$2,659.80	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	682.00
2575.508	SEED MIXTURE, 25-141	POUND	109.74	\$5.00	\$548.70	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	109.74
2575.508	HYDRAULIC MULCH MATRIX	POUND	6510.00	\$1.05	\$6,835.50	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	6510.00
2575.509	MULCH MATERIAL TYPE 1	TON	3.72	\$120.55	\$448.45	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	3.72
2575.523	WATER	M GAL	13.02	\$75.00	\$976.50	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	13.02
2582.502	4" BROKEN LINE YELLOW PAINT	LIN FT	40.00	\$12.50	\$500.00	0.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	40.00
ORIGINAL CONTRACT TOTALS					\$1,495,259.54				3.0		\$33,750.00	\$33,750.00	



FlowTracker2 ADV[®]

VERSATILE WADING DISCHARGE & LAB ACOUSTIC DOPPLER VELOCIMETER



a xylem brand

FlowTracker2 Advantage

For decades, the **Acoustic Doppler Velocimeter (ADV®)** has been the preferred instrument for precisely-defined sampling of water velocity across a wide range of environments.

FlowTracker2 uses SonTek's tried-and-true ADV technology, vetted by experts across the globe in hydraulics labs and wide-ranging field environments. Improved and perfected for FlowTracker2, the acoustic-based ADV sensor offers unparalleled accuracy, particularly in low flow and in the shallowest water of any wading device. 2-D data in the horizontal plane (2D/3D option available) allows the most comprehensive QC and understanding about flow conditions. User calibration is never required, and 24/7 tech support from SonTek and our worldwide team is only a call away.

But the real power becomes clear from the moment you start to collect data. Each step of the way FT2 guides you along the measurement process with visual prompts and **SmartQC** audio alerts just in case something important needs your attention. The FT2 also comes with time-saving, fool-proof features that came straight from suggestions of field users like you:

- + Battery life icon on the screen at all times. Pre-load the spare cartridge and replace, even mid-measurement, with no data loss.
- + Set up and save templates—no need to re-enter data every time you visit a site.
- + Embedded GPS for georeferencing with automatic or manual fixes.
- + Probes and handhelds are interchangeable—flexibility within agency teams and when sending equipment for service.
- + Improved ADV acoustics: faster pinging, lower noise and better standard error.
- + Optional integrated pressure sensor provides accurate depth measurement employing SonTek's robust, patented technique.
- + Bluetooth or direct USB interface with PC.
- + Audio prompts.
- + Lab ADV with real time applications.



SmartQC is our exclusive promise your SonTek system is performing at optimum standards and that your data is precise, reliable and defensible.

Discharge and Velocity Data Collection

The **FlowTracker2 ADV** is the time-tested instrument for precise and accurate velocity measurements in the field. The FlowTracker2 is the industry preferred instrument for collecting accurate wading discharge measurements using time tested mid-section and mean-section methods. Intuitive menus and helpful prompts walk through every step of the measurement process, allowing even the most inexperienced user to collect data like a long-time pro. Pair the FT2 instrumentation with the optional top-setting wading rod kit for a system that is ready for the field right out of the box.

With rugged construction for any climate and multiple display options for both day and night, FT2 goes whenever and wherever you need it to go:

- | | |
|---------------------|----------------|
| + Natural Streams | + Weirs/Flumes |
| + Irrigation Canals | + Storm Water |
| + Mining Channels | + Open Channel |
| + Water Treatment | + Lakes |



Features You Can Count On

It doesn't matter if you are new to acoustic Doppler technology, or a seasoned pro. FT2 provides unparalleled benefits you will only find with SonTek instrumentation. Here are a few more features that set the FT2 apart:

- + Multi-language instrument and software for English, German, French, Portuguese, Spanish, Russian, Chinese, Japanese, Korean, and many more. Add additional languages using the built-in translator utility
- + Bracket adaptors for top-setting or universal 20mm wading rods
- + Tactile, rugged keypad and IP67 waterproof rating
- + SonTek's 2-year warranty and 24/7 tech support
- + Accurate and reliable under-ice measurements
- + Weighted gauge height calculations



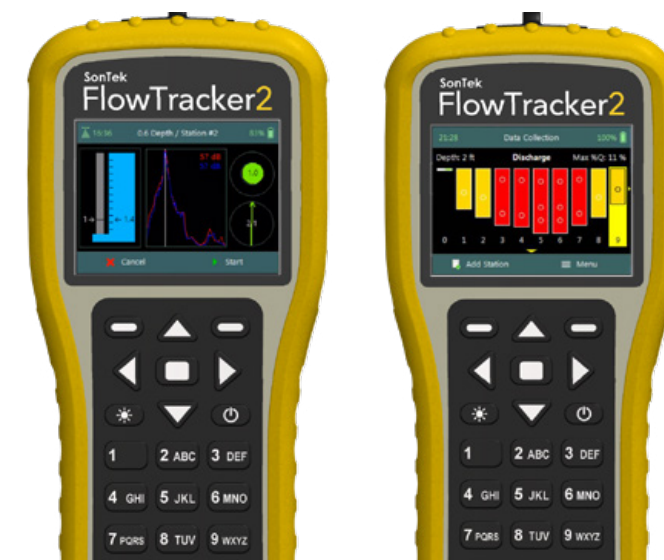
The FlowTracker2 is used in a dye study of "Beelzebub's Bathtub" (Tennessee, USA) as part of an underground spring water flow analysis. Courtesy, Brian Ham, Karst Springs Initiative.



Handheld Software

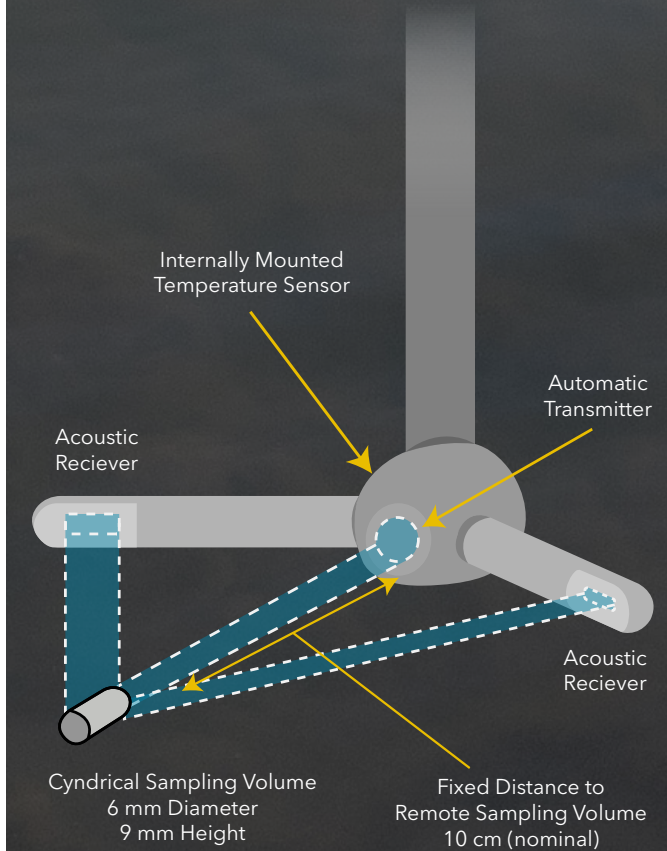
There is a lot to get excited about when using the FT2 handheld. Intuitive workflow and rich graphics make for a modernized, interactive experience. Now you can:

- + View beam check or QC plots directly to know immediately if you have signal or beam blockage problems
- + Rely on FT2 to automatically conform to proper methods based on depth
- + See an image of top-set wading rod
- + View a running discharge summary
- + Get real-time plots of velocity and other parameters
- + View an on-screen tilt sensor
- + Enter comments and gauge heights with any station
- + Edit data



Example of FlowTracker2 discharge software and reports

The ADV Method



The FlowTracker2 probe uses an acoustic transmitter to send a short pulse of sound concentrated in a narrow beam out from the transmitter. With acoustic receivers that are sensitive to this narrow beam and focused on a common volume approximately 10 cm from the acoustic transmitter, the FlowTracker2 measures velocity in a small and discreet sample volume. This allows for FlowTracker2 to provide velocity measurements that are unparalleled in their precision and accuracy. Add the optional pressure sensor and the FT2 provides accurate depth measurements that will give you the best discharge measurement possible.

Desktop Software

Data Analysis

Comprehensive tables and time series graphs allow you to visualize and QC data during analysis. Change SmartQC criteria and edit data—yet rest assured the original file will always remain untouched. FT2's opensource JSON file format is ready to be read into any organization's database, and is supported with direct import to Hydstra and WISKI.



Example of desktop PC software



Easily view, analyze, and edit your data within the FlowTracker2 Desktop Software.

Discharge Measurement Summary			
Site name	North Gila Main Canal Near Yuma		
Site number	09522600		
Operator(s)	DW/JF		
File name	20190410-164030_09522600.ft		
Comment			
Start time	4/10/2018 4:09 PM	Sensor type	TOP SETTING
End time	4/10/2018 4:39 PM	Handheld serial number	FT2H15-90002
Start location latitude	32.903	Probe serial number	FT2P15-90007
Start location longitude	-114.406	Probe firmware	1.32
Calculation engine	FlowTracker2	Handheld software	1.4.10
# Stations	Avg interval (s)	Total discharge (m ³ /s)	
22	40	1.743	
Total width (m)	Total area (m ²)	Wetted Perimeter (m)	
6.850	2.966	7.051	
Mean SNR (dB)	Mean depth (m)	Mean velocity (m/s)	
39.299	0.432	0.588	
Mean temp (°C)	Max depth (m)	Max velocity (m/s)	
21.822	0.625	0.710	

Discharge Measurement Summary allows you to export your measurement data into one convenient PDF file.

For The Laboratory

Recommended Use

The FlowTracker2 Lab ADV utilizes SonTek's continuing innovation in ADV platforms to offer a laboratory version of the world's best-selling ADV, the FlowTracker2. For the first time, the ADV's acoustic probe and processing electronics are housed in one small, lightweight, easily manoeuvrable unit, and the acoustic head has an optional, integrated pressure (depth) sensor. Depth data are even corrected for dynamic pressure (Bernoulli) and altitude effects using SonTek's patented method.

FlowTracker2 Lab ADV is recommended for use in:

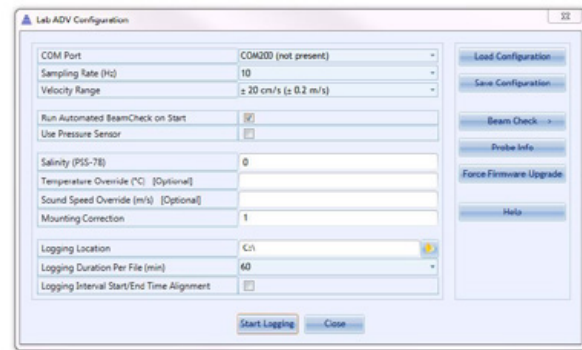
- + Civil engineering, environmental, and hydraulic projects
- + Aquaculture and aquarium operations
- + Surface and bottom boundary studies
- + Tanks, flumes, and physical models
- + Very shallow water environments
- + Turbulence
- + Settling rates
- + Fish screens



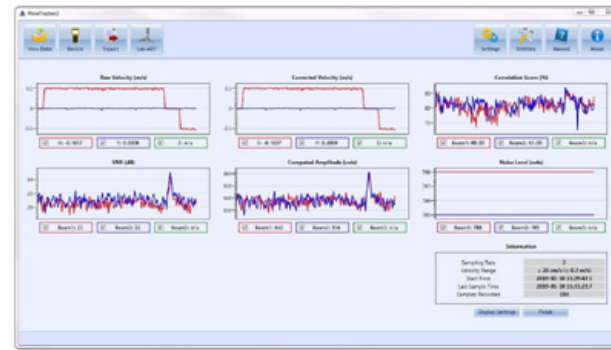
FlowTracker2

Lab Software

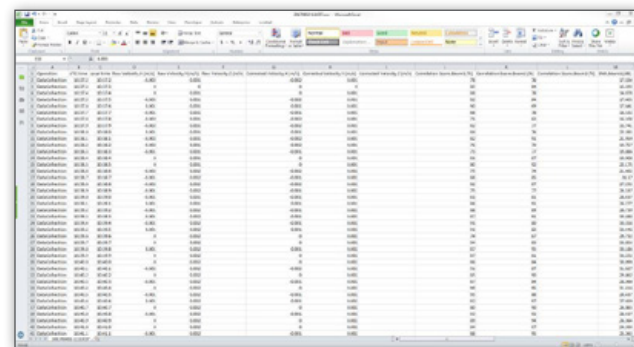
The **FlowTracker2 Lab Kit** comes with its own version of the powerful and user friendly FlowTracker2 desktop software. Setup of the probe and PC software is simple and mistake-proof. Just connect the cables between the probe and your laboratory PC or laptop, check a few settings, and press the "Start Logging" button. Data are output directly to a *.CSV file that is immediately ready for processing, analysis, and import to your project database or other programs.



The Lab ADV configuration screen



Export data in a variety of formats

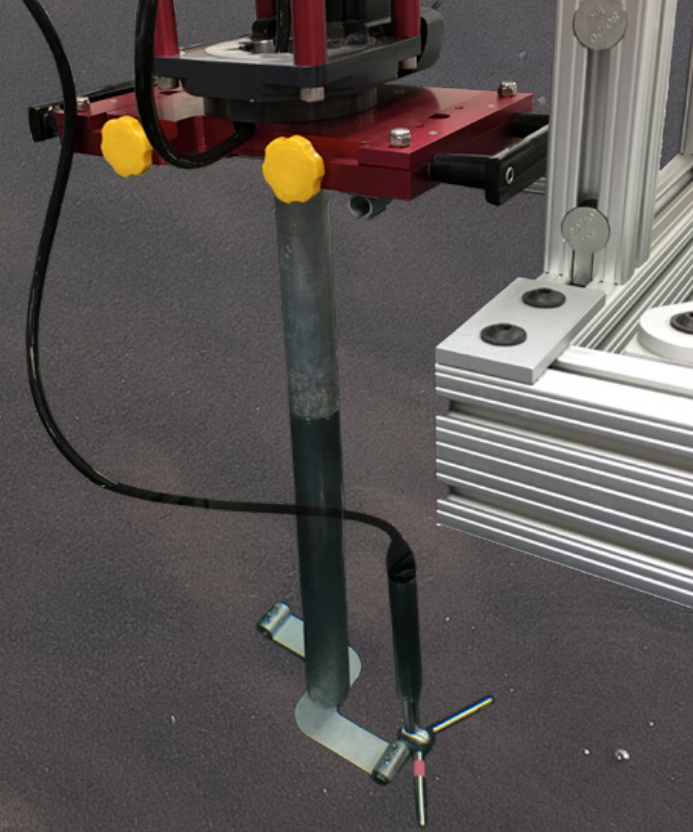


Output directly to a *.CSV file

FlowTracker2

Lab ADV

The FlowTracker2 lab kit includes cables to connect your probe to your power supply and PC. The simple system can be set up and ready to collect velocity data within minutes. For even more versatility, add a FlowTracker2 Handheld to your lab package to collect velocity data even when the PC is out of reach.



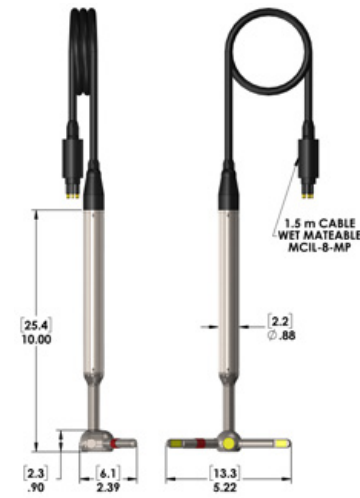
Output Variables Available

- + Velocity X, Y, and Z¹
- + Temperature
- + Raw pressure²
- + Depth²
- + Accelerometer X, Y, and Z
- + ¹Z (vertical) velocity available with optional 2D/3D probe configuration
- + ²Pressure and depth available with optional probe configuration
- + Per beam (2 or 3 parameters, depending on probe configuration):
 - + Correlation score
 - + Signal amplitude
 - + Signal-to-Noise Ratio (SNR)
 - + Noise level
- + Sound speed
- + Corrected pressure²
- + Power voltage
- + Pressure sensor calibration interval

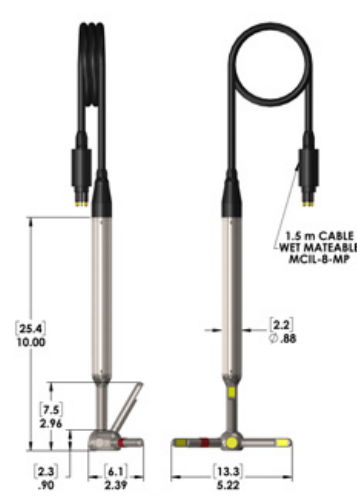


FlowTracker2 Specifications

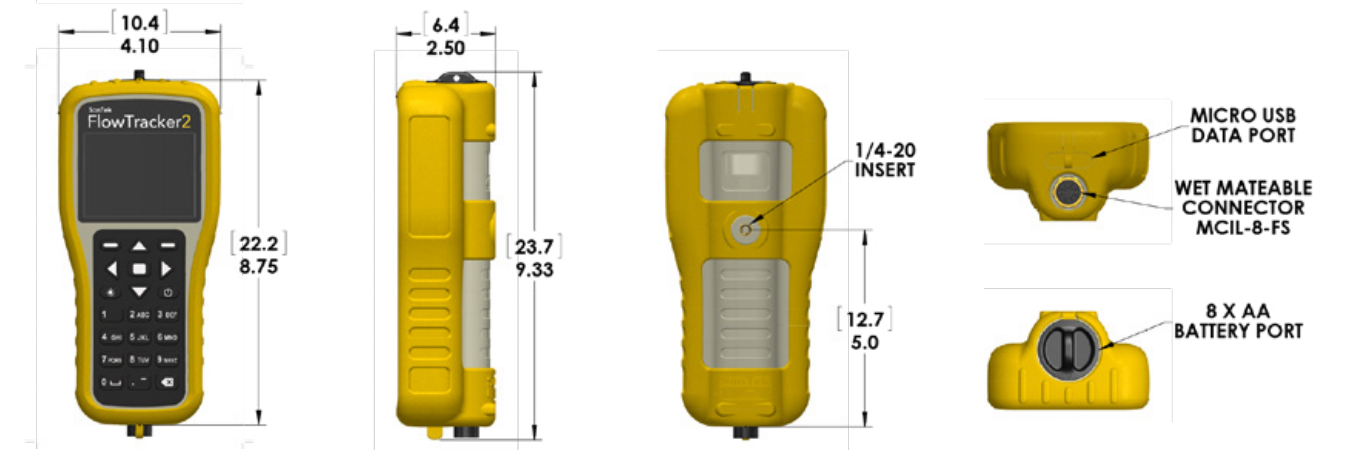
2D Probe



2D/3D Probe



The SonTek deluxe wading rod, featuring a sturdy grip and bubble level.



Part I: Probe	
Velocity Range	XZ: ±0.001 to 4.0 m/s (0.003 to 13 ft/s), Y: ±0.001 to 1.0 m/s (0.003 to 3.25 ft/s)
Velocity Resolution	0.0001 m/s (0.0003 ft/s)
X & Y Velocity Accuracy	±1% of measured velocity, ±0.25 cm/s
Z Velocity Accuracy	±3% of measured velocity
Acoustic Frequency	10.0 MHz
Sampling Volume Location	10 cm (3.93 in) from the center transducer
Sampling Volume Size	0.25 cc
Minimum Depth	0.02 m (0.79 in)
Depth Measurement Range	0 to 10 m (0 to 32.81 ft)
Depth Measurement Resolution	0.001 m (0.003 ft)
Temperature Sensor	Resolution: ±0.01° C, Accuracy: ±0.1° C
Tilt Sensor	Resolution: (7) significant digits, Accuracy: ±1.0°
Communication Protocol	RS-232
Operating/Storage Temperature	-20° C to 50° C (-4° F to 122° F)
Optional Extension Cables	1.5, 3.5, or 8.5 m
Sampling Rate	1*, 2, 5*, or 10* Hz
Physical Specifications	
Probe Head Dimensions	2D: (L)13.3 cm (5.22 in); (W) 6.1 cm (2.39 in); (H) 2.3 cm (0.90 in), 2D/3D: (L)13.3 cm (5.22 in); (W) 6.1 cm (2.39 in); (H) 7.5 cm (2.96 in)
Standard Cable Length	1.5 m (4.92 ft)
Weight in Air	2D: 0.90 kg (1.98 lbs)
Weight in Water	2D: 0.30 kg (0.66 lbs)
Depth Sensor Accuracy	
+/- 0.1% of FS (temperature compensated over full operating range)	
+/- 0.05% Static (steady-state at 25° C)	
Additionally compensated for real-time water velocity, temperature, salinity, and altitude.	

Part II: Handheld	
Bluetooth	Class 2, Range = 10 m (33 ft) nominal
USB	Micro USB, IP-67
Storage Temperature	-30° to 70° C (-22° F to 158° F) ³
Physical Specifications	
Waterproof Rating	Field: IP-67 (1m submersible); Lab: IP-68 (30 m, 42 PSI)
Handheld Dimensions	(L)10.4 cm (4.1 in); (W) 6.4 cm (2.5 in); (H) 23.7cm (9.3 in)
Weight in Air	0.75 kg (1.65 lbs)
Weight in Water	-0.25 kg (-0.55 lbs)
Power	
Input Battery Voltage	8-12 VDC
Battery Life	12 hours continuous use, typical settings ¹
Power Supply	Field: 8x AA Batteries; Lab: 8-12 VDC
Power Consumption	1 W (Average)
Probe Interface	
Battery Power to Probe	8-12 VDC
Data Transfer	RS-232
Data Storage	16 GB. Up to 10k discharge measurements. Up to 10 million velocity samples
GPS	
H. Position Accuracy	Up to 2.5 m (8.2 ft) nominal ²
Frequency	L1 (1.575 MHz), SBAS compensation (WAAS, EGNOS, MSAS, GAGAN)
LCD	
Resolution	320 x 240 TFT Transmissive
Operating Temperature	
Alkaline Batteries: -20° to 45° C (-4° F to 113° F)	
NiMH: -20° to 50° C (-4° F to 122° F)	

¹Defined as power on with screen on at 100% brightness, ADV sensor pinging 50% of the time, GPS off, and no sleep periods. Actual battery life will vary depending on FlowTracker2 settings, manner of use and brand of battery.

²Ideal conditions and settings. GPS data are intended for approximate georeferencing and site ID.

³Remove batteries from FlowTracker2 handheld if storage temperatures exceeds operating temperature of Alkaline and NiMH batteries as stipulated above.

*Lab Probe Only

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.




We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com

Sound Principles. Good Advice.



SonTek, a Xylem brand
9940 Summers Ridge Rd.
San Diego, CA 92121

-  +1.858.546.8327
-  inquiry@sontek.com
-  SonTek.com

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SonTek.com/FlowTracker2

QUOTATION

Quotation From:

TECH SALES CO.
311 W. 44TH STREET
MINNEAPOLIS MN 55409
Ph: (612) 823-8238 Fx: (612) 823-4272

Page: 1

Quotation For:

Red Lake Watershed District
1000 Pennington Avenue South
Thief River Falls MN 56701
Ph: (218) 681-5800 Fx:

Quotation#: 2240805
Revision#: 1
Date: 01/02/25

Attn: Corey Hanson E-Mail: corey.hanson@redlakewatershed.org
Ref: SonTek Flow Tracker 2

Please Address Order To:

TECH SALES CO.
311 W. 44TH STREET
MINNEAPOLIS MN 55409

FOB: Factory
Shipment: 3-6 Weeks ARO
Salesman: Travis DeGroot
Validity: 30 Days
Terms: NET 30 DAYS

Item	Qty	Part#/Description	Unit Price	Total Price
1	1	FT2-HH Flow Tracker 2 Handheld Display Unit. The display unit has an IP67 waterproof rating and includes a color LCD Display, keypad interface, SmartQC quality control feature, 16GB internal memory, Bluetooth communication, internal GPS, USB interface, and cable, removable battery cartridge plus spare cartridge, 8AA alkaline batteries, and multi-language support. Includes case & manual (pdf).	5,515.00	5,515.00
2	1	FT2-2D FlowTracker2 probe assembly consisting of a 2D side-looking 10 MHz ADV Probe (10cm distance to sampling volume) and signal conditioning/processing electronics with tilt sensor and auto-velocity range selection, mounted on a 1.5m cable with a compact 8-pin male wet-pluggable connector	5,205.00	5,205.00
3	1	FT2-ER SonTek deluxe 2-piece top-setting wading rod, 4-ft, English increments in tenths of feet; includes bubble level, mounting brackets for FlowTracker2 Handheld Display unit and ADV sensor, and plastic shipping case for both rod and FlowTracker2	2,100.00	2,100.00

Quote Total: 12,820.00

Prices shown do not include freight or sales tax. MasterCard/Visa payments are accepted but may be subject to a 4% surcharge. Please review this quotation and let us know if you have any questions.

By: _____
Travis DeGroot



Permit # 24-234

Status Report: **Received**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Casey Wangen		26210 215th Ave SW Crookston, MN 56716		tel:218-289-3238 mobile: fax:

General Information

- (1) The proposed project is a:
Culvert Installation / Removal / Modification
- (2) Legal Description
- (3) County: **Polk** Township: **Crookston** Range: **46** Section: **26 1/4**:
- (4) Describe in detail the work to be performed. **building a new driveway/approach over a water drainage ditch that cuts though my property.**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **gain vehicular access to my property.**

Status

Status	Notes	Date
Approved	P.A. #24-234 – Casey Wangen Polk County – Crookston Township – Section 26 The Red Lake Watershed District (RLWD) approves to install a 36" culvert for access to property. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the outlet end of the permitted culverts. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the outlet, applicant shall ensure that adequate grade and drainage is provided. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Jan. 8, 2025
Received	None	Dec. 11, 2024

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



2024 Legislative Briefing and Day at the Capitol
Radisson Hotel - Capitol Ridge
161 St. Anthony Avenue, St. Paul | February 19-20, 2025

Agenda – Wednesday, February 19, 2025

Welcome to the Minnesota Watersheds 2025 Legislative Briefing. The following schedule is approximate. Speakers and times may change as needed to accommodate the ever-changing schedules of lobbyists and directors.

3:00 – 4:00 Minnesota Watersheds Legislative Priorities

- 3:00 Welcome and Announcements – Jan Voit, Minnesota Watersheds Executive Director
- 3:05 Capitol Activity Update – Kevin Matzek, Minnesota Watersheds Lobbyist
- 3:20 The Legislative Process and Strategies for Working with the Legislature and State Agencies on Minnesota Watersheds Legislative Priorities
 - Top Two Priorities
 - Support 60-day permit review period for Department of Natural Resources
 - Support developing regulatory approaches to reduce chloride contamination
 - Endeavors to Support
 - Support Clean Water Land and Legacy Funding
 - Support legislation regarding DNR regulatory authority over public drainage maintenance and repairs
 - Support 2025 bonding requests and stable funding for multipurpose flood mitigation and water storage projects
 - Support streamlining the Flood Hazard Mitigation Program
 - Q & A

4:00 – 4:55 Agency Updates*

- 4:00 Sarah Strommen, Department of Natural Resources (invited)
- 4:15 John Jaschke, Board of Water and Soil Resources (invited)
- 4:30 TBD
- 4:45 Q & A

4:55 Closing Remarks/End of Briefing

- 4:55 Jan Voit, Executive Director

5:00 – 7:00 Legislative Reception: Minnesota Watersheds Members and Legislators

Invitations to this reception and networking event were sent to all legislators. However, individual invitations from members helps provide additional encouragement for them to attend.

Take advantage of this opportunity to network with other members and chat with legislators as they arrive. **Please also use this time for informal regional caucus discussion.** There will be a cash bar. Light food options will be served for you to enjoy.

Agenda – Thursday, February 20, 2025

7:00 am – 8:00 am Networking Event: Minnesota Watersheds Members

Take advantage of this opportunity to have a buffet breakfast with Minnesota Watersheds members at the Capitol Ridge Hotel and discuss our legislative priorities.

8:30 am – 4:00 pm Meet with Legislators

Please use this occasion to visit with legislators in their offices or at the Capitol.

*Speakers and topics may change as schedules evolve.

February 2025 RRWMB Meeting

From Rob Sip <rob.sip@rrwmb.us>

Date Tue 1/7/2025 2:43 PM

To 'Tracy Halstensgard' <Tracy@roseauriverwd.com>; 'Dan Money' <dan.money@tworiverswd.com>; Tammy Audette <tammy.audette@redlakewatershed.org>; Mori Maher <morteza.maher@mstrwd.org>; Tara Jensen <tara@wildricewatershed.org>; Bois de Sioux Watershed <bds wd@runestone.net>

Cc Nikki Swenson <nikki.swenson@rrwmb.us>

Today, the RRWMB Managers set the next monthly meeting for Tuesday, February 11, 2025. This was done to avoid a conflict with the MN Watersheds Legislative Days the following week. We are tentatively planning on RRWMB related meetings in St. Paul on February 18, 2025.

1. **RRWMB Meetings - February 18, 2025:** The format would be similar to last year, but we would be in one location and guests would come to us. We would start 10:00 a.m. and go to 5:00 p.m.

Possible meetings:

- USACE
- NRCS
- DNR
- BWSR
- Park Street Public Legislative Update
- Legal Update – Smith Partners

2. **MAWA and MN Watersheds - February 19, 2025:** All details forthcoming.

3. **Legislator Meetings - February 20, 2025:** This would be the day for small groups of RRWMB membership to meet with 2 or 3 legislators. The goal would be to have 3 to 5 (you and your Managers) to meet with 2 to 3 legislators as assigned to discuss RRWMB and local priorities.

Let me know your thoughts by the end of this week please. Thanks.

Robert L. Sip
Executive Director
Red River Watershed Management Board

Office Address:

11 5th Avenue East, Suite B
Ada, MN 56510

Rob.sip@rrwmb.us

www.rrwmb.us

<https://www.youtube.com/@RRWMB>

<https://www.facebook.com/RedRiverWatershedManagementBoard>

218-474-1084 (Cell)

218-784-9501 (Office)

218-784-9502 (Fax)

30th River Watch Forum

Save the Date



9AM-1PM

02.26.25

Red River Basin Wide

Alerus
Center,
Grand
Forks, ND

River Watch



INTERNATIONAL WATER INSTITUTE
EDUCATION • AGRICULTURE • PROSPERITY

Program

River Watch, provided by the International Water Institute, enhances watershed understanding and awareness for tomorrow's decision-makers through direct hands-on, field-based experiential watershed science. Schools throughout the Red River of the North Basin participate in a variety of unique and innovative watershed engagement opportunities suited to their school, community, and watershed needs.



Activities

Water Quality Monitoring:

Students collect water quality data from area rivers

Biological Monitoring:

Students collect and identify macroinvertebrates revealing stream health

River Explorers Kayaking:

Students paddle and document stream conditions

Annual River Watch Forum:

Teams complete an annual assignment and attend a Forum tailored to watershed science

Objectives

- Enhance science capacity related to water quality issues
- Build awareness of river ecosystems and watershed connections
- Outdoor, hands-on learning

Numbers

- 35 schools over 30 years
- 15,000 Water Quality Samples
- 20 schools involved in the 2024-2025



Contact

Asher Kingery - asher@iwinst.org

Danni Halvorson - danni@iwinst.org



River of Dreams



INTERNATIONAL WATER INSTITUTE
EDUCATION • AGRICULTURE • PROSPERITY

Program

The River of Dreams program explores the connectivity of our planet's water supply and how watersheds function. Interactive classroom activities are tailored to the grade level of participants and include connections to reading, writing, social studies, science, math, and art.

Students Reached

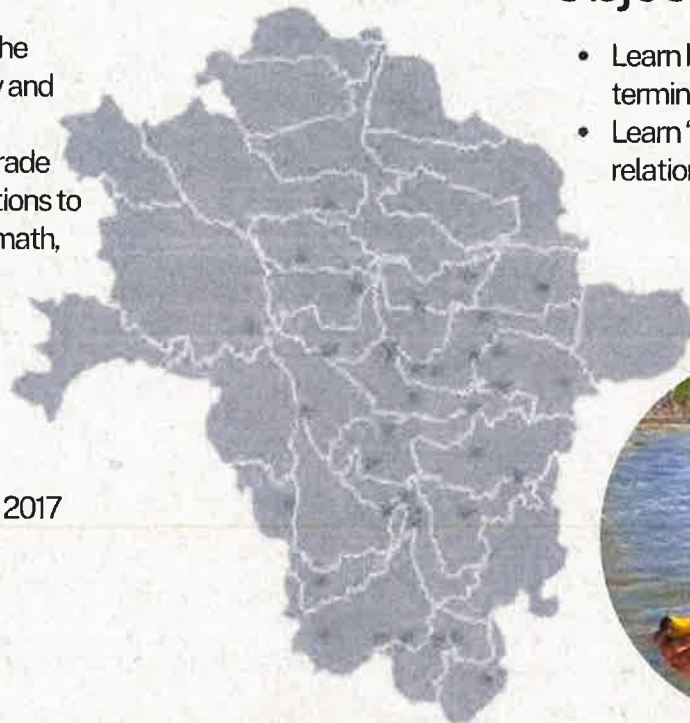
- 5,101 students in the program since 2017
- 945 students in 2024
- 1,000 students expected in 2025

Canoe Tracking Database

Canoes are logged in the wild during their journeys to the sea at riverofdreams.org.

Objectives

- Learn basic watershed terminology
- Learn "sense of place" in relation to the watershed



Contact

Taylor Lemieux - taylor@iwinst.org

Asher Kingery - asher@iwinst.org

Administrator's Report

January 9, 2025

Upper/Lower Red Lake 1W1P: The BWSR Northern Committee Meeting approved the Upper/Lower Red Lake 1W1P on January 6th. Manager Ose will present the report to the full BWSR Board on January 22nd.

RRWMB: Audette and Manager Ose attended the RRWMB meeting on January 7, 2025 in Ada.

Rob Sip and Andrew Graham met with Minnesota Homeland Security and Emergency Management staff to develop a state grant agreement for the Rural Flood Inundation Mapping update. Sip hopes to have the grant agreement available for their February 2025 meeting.

Pine Lake: The lake elevation is currently at 1282.8; winter target is 1282.5. There is currently one stoplog out.

MS4 Front Demo: Currently, it does not appear there is any interest in the 1W1P partnering for the MS4 Front program. Melissa has reached out to Houston Engineering for an estimate of costs if the District decides to proceed on our own.

Survey Equipment: District staff are in discussion with Frontier to receive a cost estimate for an additional survey equipment that was budgeted for 2025.

Interagency Meeting: The interagency meeting between the District, USFWS, and MnDNR will take place on March 5, 2025 at Agassiz NWR. Time to be determined.

Red River Basin Commission: Audette plans to participate in a portion of the Red River Basin Commission Conference next week in Grand Forks.



RED RIVER BASIN
FDRWG

Save

THE DATE

RRWMB & FDRWG

26th Annual Joint Conference

MARCH 18-19, 2025

Look for registration information
coming in January.

Courtyard by Marriott

1080 28th Ave S,
Moorhead, MN 56560