



Agenda

Vermillion River Watershed Joint Powers Board Meeting

May 22, 2025, 1 p.m.

In-person at the Dakota County Extension and Conservation Center and virtual via Microsoft Teams

- | | | |
|---|-------------|---------|
| 1. Call to Order | | |
| 2. Roll Call | | |
| 3. Audience Comments on Items Not on the Agenda
<i>(please limit audience comments to five minutes)</i> | | |
| 4. Approval of Agenda | Action | Page 1 |
| 5. Approval of Minutes from the April 24, 2025, Meeting | Action | Page 2 |
| 6. Consent Agenda | Action | Page 7 |
| a. Acceptance of Treasurer's Reports | | |
| 7. Approval of Expenses | Action | Page 8 |
| 8. Business Items | | |
| a. Approval of Vermillion River Watershed Joint Powers Organization Wetland Banking Policy | Action | Page 9 |
| b. Presentation and Discussion of Vermillion River Watershed Management Plan Implementation Table and Summary of Approval and Adoption Timeline | Information | Page 19 |
| 9. Staff Reports | | |
| 10. Adjourn | Action | |

Please note, the May 22, 2025, Vermillion River Watershed Joint Powers Board meeting will take place **in-person** in Conference Room A at the Extension and Conservation Center, 4100 220th Street West, Farmington, Minnesota, **and via teleconference** on Microsoft Teams.

Microsoft Teams

Join the meeting now

Meeting ID: 250 720 001 229

Passcode: VY65Jw35

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Other Information

Next Meeting Date: **June 26, 2025**, at 1 p.m.

You will be notified if the meeting is cancelled due to an anticipated lack of quorum.



Meeting Minutes

Vermillion River Watershed Joint Powers Board (VRWJPB) Meeting

Thursday, April 24, 2025, 1 p.m., in-person at the Dakota County Extension and Conservation Center and virtual via Microsoft Teams

VRWJPB Members in Attendance

Dakota County Commissioner Bill Droste
Dakota County Commissioner Mary Liz Holberg
Scott County Commissioner Tom Wolf

Vermillion River Watershed Community Advisory Committee (CAC) Members in Attendance

Brad Blackett
John Nicolai
Sandy Weber

Others in Attendance

Nikki Stewart, Dakota County, Environmental Resources Department Director
Travis Thiel, Dakota County, Vermillion River Watershed Joint Powers Organization (VRWJPO) Administrator
Kelly Perrine, Dakota County, VRWJPO Senior Watershed Specialist
Jeff Dunn, Dakota County, VRWJPO Water Resources Engineer (virtual)
Brita Moore-Kutz, Dakota County, VRWJPO Communications and Outreach Specialist
Brian Wisdorf, Dakota County, Assistant County Attorney, VRWJPO legal counsel
Joe Barten, Dakota County Soil and Water Conservation District (SWCD), Senior Resource Conservationist (virtual)
Bruce Johnson, Dakota County SWCD, Board of Supervisors Member
Josh Murphy, Dakota County, Financial Analyst Lead (virtual)
Henry Stelten, Prairie Island Indian Community (virtual)
Valerie Neppl, Dakota County, Groundwater Protection Unit Supervisor (virtual)

1. Call to Order

The meeting was called to order at 1 p.m.

2. Roll Call

Commissioners Wolf, Droste, and Holberg were present.



3. Audience Comments on Items Not on the Agenda

None.

4. Approval of Agenda

Res. No. VRW 25-08: Motion by Commissioner Holberg to approve the agenda, seconded by Commissioner Droste. Motion carried on a 3-0 voice vote.

5. Approval of Minutes from the January 23, 2025, Meeting

Res. No. VRW 25-09: Motion by Commissioner Holberg to approve the minutes, seconded by Commissioner Droste. Motion carried on a 3-0 voice vote.

6. Approval of Consent Agenda

- a. **Acceptance of Treasurer's Reports**
- b. **Authorization to Submit the 2024 Vermillion River Watershed Joint Powers Organization Annual Activity Report and Financial Statement to the Minnesota Board of Water and Soil Resources**

Res. No. VRW 25-10: Motion by Commissioner Droste to approve the consent agenda, seconded by Commissioner Holberg. Motion carried on a 3-0 voice vote.

7. Approval of Expenses

There were four expense reports on the agenda. Travis Thiel presented the following:

- Final expense report for December 1-31, 2024, totaling \$72,448.74
- Expense report for January 1-31, 2025, totaling \$43,864.17
- Expense report for February 1-28, 2025, totaling \$42,818.20
- Expense report for March 1-31, 2025, totaling \$53,339.95

Res. No. VRW 25-11: Motion by Commissioner Holberg to approve the expenses, seconded by Commissioner Droste. Motion carried on a 3-0 voice vote.

8. Business Items

- a. **Approval of Vermillion River Watershed Joint Powers Organization Community Advisory Committee Bylaws**

Travis noted that when the CAC reviewed the bylaws at their last meeting, they expressed desire to include language reflecting that existing CAC members whose terms had expired could remain on the CAC in the interim, until a new candidate could be appointed by the VRWJPB.



Res. No. VRW 25-12: Motion by Commissioner Holberg to approve the CAC bylaws, seconded by Commissioner Droste. Motion carried on a 3-0 voice vote.

b. Authorization to Execute a Joint Powers Agreement with Dakota County for 2025 Legal Services

Travis noted that the \$25,000 is factored into the VRWJPO 2025 budget for legal services.

Res. No. VRW 25-13: Motion by Commissioner Droste, seconded by Commissioner Holberg. Motion carried on a 3-0 voice vote.

c. Approval of Proposed Amendments to the Vermillion River Watershed Joint Powers Organization 2025 Budget

Travis presented proposed amendments to the 2025 budget, including increases in miscellaneous expenses and staff time for the Watershed Management Plan development. Both expenses and revenues are now at about approximately \$2.8M.

Res. No. VRW 25-14: Motion by Commissioner Droste to approve the budget amendment, seconded by Commissioner Holberg. Motion carried on a 3-0 voice vote.

d. Approval to Procure a Vermillion River Watershed Joint Powers Organization Insurance Policy from the Minnesota Counties Intergovernmental Trust

With the recent revisions to the joint powers agreement between Dakota and Scott counties forming the VRWJPO, and under advice from the Dakota County Attorney's Office and Risk Management, the VRWJPO is picking up its own insurance policy rather than being covered by the two counties. Minnesota Counties Intergovernmental Trust (MCIT) is the only provider of this type of policy, given the risks the VRWJPO carries. Obtaining the policy requires the VRWJPO to become a member of MCIT. Joining MCIT requires an existing member to sponsor the new member. Scott County is a member of MCIT and passed a resolution on April 15 in support of VRWJPO joining. The VRWJPO is only procuring what is required in the policy and forgoing any optional stipulations.

Commissioner Wolf asked about the deductible for various coverages, noting that he has higher deductibles for his personal policy and wondered if we could raise the deductible to get a better insurance premium. Legal counsel Brian Wisdorf said he didn't know if there were other options, since the Risk Management department at Dakota County had procured the policy. Commissioner Holberg suggested revisiting the policy at a later date and considering higher-deductible, lower-premium options.

Res. No. VRW 25-15: Motion by Commissioner Holberg to approve procuring the insurance policy, seconded by Commissioner Droste. Motion carried on a 3-0 roll call vote.



e. Discussion and Board Direction on Wetland Bank Credit Values and Revisions to Vermillion River Watershed Joint Powers Organization Wetland Banking Policy

Travis shared that the Dakota County Assessor's Office had updated its agricultural land values, which form the basis for determining wetland bank credit sale prices under the VRWJPO's current wetland bank policy. Credit prices are set at 5.5 times the estimated average market value for class 2A agricultural lands graded A, B, or C in Dakota County, up to a maximum of \$50,000 per acre. The new land values from the Assessor would put the 5.5 times estimated average market value above \$50,000.

One option proposed was to raise the cost to \$60,000 per acre or higher. Another option is to use the Minnesota Board of Water & Soil Resources (BWSR)'s annually calculated median values for bank service areas in the Twin Cities Metropolitan area as the base numbers.

The Board agreed the credit price should be raised, but wanted to study more about land valuation before making a final decision. They tabled the issue for the next meeting when staff will provide a draft revised policy.

Information only.

f. Discussion and Board Direction on a 2025 Vermillion River Watershed Tour

Brita Moore-Kutz shared the rationale for hosting a watershed project tour every other year, as it provides meaningful public outreach about the VRWJPO. The Dakota County Manager, Heidi Welsch, has expressed a desire to see the watershed's projects as well.

Board members agreed they'd like to see the VRWJPO's most recently completed projects this year. They suggested Thursday, September 25, 2025, with a backup date of October 23. The tour would take place in the morning and be followed by that month's regular meeting of the VRWJPB. Staff will pursue Sept. 25 for a tour date and discuss logistics and potential sites over the coming months.

Information only.

9. Staff Reports

Brita Moore-Kutz

- Brita will be at the City of Lakeville's Earth Day Celebration on Saturday, April 26.

Kelly Perrine

- The East Lake electric fish barrier has been activated, its low-voltage current deterring invasive fish from entering or leaving the lake. Fish removals will begin in the next week.



Travis Thiel

- Staff are seeking the Board’s input on potential high-water users (such as data centers) in the watershed that are subject to state environmental review. Some community members have asked about what the VRWJPO knows of such high-water users and the potential impact on the Vermillion River, which is fed by groundwater springs. The VRWJPO can provide comments to the environmental review, but there is no regulatory role defined. The Board ultimately decided to table this topic for further research.
 - Commissioner Holberg said she didn’t want to be heavy-handed, but there is an opportunity for education and outreach with water conservation. She wanted to talk more with the City of Lakeville about the issue.
 - Commissioner Droste asked what expertise the VRWJPO has that could affect a state agency’s decision to approve a high-water user or not. Travis said they could suggest methods that reduce water use, for example. Droste also noted that companies can be very proprietary about what information they will release to the public before building.
 - Kelly noted that several of these proposed centers want to use municipal water supplies from the city they’d be in, so the onus would be on the city government to apply for a water appropriation permit increase from the Department of Natural Resources.

10. Adjourn

Motion by Commissioner Droste to adjourn, seconded by Commissioner Holberg. Motion carried on a 3-0 voice vote.

Next Meeting Date: Thursday, May 22, 2025, at 1 p.m. in Conference Room A at the Dakota County Extension and Conservation Center, 4100 220th Street West, Farmington, MN, and via teleconference on Microsoft Teams.

Respectfully submitted by:

Brita Moore-Kutz, Communications & Outreach Specialist for the Vermillion River Watershed Joint Powers Organization

Attest

Commissioner

Secretary/ Treasurer

Date



2025 Vermillion River Watershed Joint Powers Organization

April 2025 Treasurer's Report

Account Category	MTD Actuals	YTD Actuals	% Budget	Budget	Balance
41 – County Levies	0	0	0%	1,026,882	1,026,882
41002 – Dakota County Levy	0	0	0%	990,832	990,832
41031 – Scott County Levy	0	0	0%	36,050	36,050
43 – Investment Interest & Wetland Bank Revenue	53,719	113,986	71%	160,000	46,014
43099 - Misc Other Revenue	49,452	97,011	88%	110,000	12,989
43291 - Interest on Investments	4,267	16,975	34%	50,000	33,025
45 – Permit Revenue	0	20	2%	1,000	980
47 – Grant Revenue	34,650	77,150	9%	821,184	744,034
49 – Operations & CIP Fund Balance	0	0	0%	795,014	795,014
49495 - Use of Fund Balance (Operations)	0	0	-	0	0
49495 - Use of Fund Balance (CIP)	0	0	0%	795,014	795,014
Total Revenue	88,369	191,156	7%	2,804,080	2,612,924
53 – Salaries	48,700	174,610	32%	544,500	369,890
53001 - Dakota County Staff Time	46,580	171,079	33%	522,500	351,421
53039 - Scott County Staff Time	2,120	3,532	16%	22,000	18,468
53 – Dept/County Support	0	5,211	7%	78,100	72,889
53002 - Administrative & Consulting	0	1,475	3%	53,100	51,625
53004 - Legal	0	3,736	15%	25,000	21,264
54 – Travel & Training	0	0	0%	2,000	2,000
55 – Office Support	0	0	0%	30,000	30,000
57 – Operations & Programs	3,152	12,053	5%	256,700	244,647
57011 - Monitoring Direct Expenses	2,627	2,627	2%	127,500	124,873
57011 - Public Outreach Direct Expenses	525	525	1%	42,100	41,575
57011 - Feasibility Direct Expenses	0	0	0%	55,000	55,000
57011- Other Direct Expenses	0	8,901	28%	32,100	23,199
59 – CIP	222	222	0%	1,892,780	1,892,558
Total Expenses	52,074	192,096	7%	2,804,080	2,611,984
VERMILLION RIVER WATERSHED Surplus/Deficit	36,295	-940		0	-940



Vermillion River Watershed Joint Powers Organization

4100 220th St. W., Suite 103, Farmington, MN 55024

April 2025 Expense Report

The previous invoices submitted between March 1 and March 31, 2025 total: \$53,339.95

The final invoices submitted between April 1 and April 30, 2025 total:

<u>Invoice</u>	<u>Vendor</u>		<u>Amount</u>
	DC Staff Time	\$	46,580.01
IN32184	Scott County	\$	2,119.93
2025-007	Scott County Soil & Water Conservation District	\$	3,374.00
TOTAL \$			52,073.94

Action Requested: Approval of all expenses as presented

8a. Adoption of Vermillion River Watershed Joint Powers Organization Wetland Banking Policy

Meeting Date: 5/22/25
 Item Type: Regular-Action
 Contact: Travis Thiel
 Telephone: 952-891-7546
 Prepared by: Travis Thiel

**PURPOSE/ACTION REQUESTED**

- Staff are seeking Vermillion River Watershed Joint Powers Board (VRWJPB) adoption of the proposed Vermillion River Watershed Joint Powers Organization (VRWJPO) Wetland Banking Policy (May 22, 2025)

SUMMARY

The VRWJPO Wetland Banking Policy was revised in 2024 to reflect changes to the method by which the per-acre cost of wetland bank credits was established, as well as the maximum per-acre cost. Currently, wetland bank credit sale price is established based on a rate 5.5 times the estimated average market value for class 2A agricultural lands graded A, B, or C in Dakota County, up to a maximum of \$50,000 per acre (Attachments A and B).

During the VRWJPB meeting on April 24, 2025, the VRWJPB indicated that they'd generally like to increase the cost per acre for wetland banking credits to be slightly above \$60,000 for 2025. Staff then performed additional investigation based on a request from Commissioner Droste regarding valuations for non-agricultural land. VRWJPO staff contacted the Dakota County Assessor's Office and inquired whether non-agricultural land valuations could be summarized in a similar way to how agricultural land values are summarized. The Dakota County Assessor's Office indicated there is too much diversity and variability in residential, commercial, industrial, and other types of land use to easily calculate and summarize values in a similar way to agricultural property values. Factors that influence non-agricultural land values can include aspects like proximity to major roads, visibility, adjacency to water resources, comparable land sales, differences in the rates by which different non-agricultural lands are evaluated (cost per acre, cost per square foot, cost per waterfront linear footage, lot value), and other factors.

VRWJPO staff desires a sound, justifiable basis by which VRWJPO wetland bank credit costs are calculated. VRWJPO staff took the input provided by the VRWJPB and further investigated wetland bank credit costs from other bank service areas in the State that were reported to the Minnesota Board of Water and Soil Resources (BWSR) (Attachment C). Based on that investigation, staff recommends the VRWJPB consider a method of VRWJPO wetland bank cost calculation that uses costs from other bank service areas that intersect with the Twin Cities Metropolitan Area. Bank service areas that intersect the Twin Cities Metropolitan Area includes areas 6, 7, 8, and 9. The VRWJPO is within bank service area 8.

VRWJPO staff's recommended method of calculation would use the previous year's annually calculated median value of [BWSR-reported costs per credit](#) for bank service areas 6, 7, and 9. This would result in wetland bank credit costs for 2025 to be \$60,111 per acre. VRWJPO staff propose leaving bank service area 8 out of this calculation since the credits sold by the VRWJPO are included in the BWSR-reported cost per credit and would skew the median value.

Staff recommends the VRWJPB adopt the VRWJPO Wetland Banking Policy (May 22, 2025) (Attachment D) that would include a revised method of cost per credit calculation to include the median value of BWSR-reported wetland bank credit sales for bank service areas 6, 7, and 9, resulting in a VRWJPO wetland bank credit costs of

\$60,111 for fiscal year 2025. This adoption would also result in the removal of not-to-exceed cost language in the Policy.

EXPLANATION OF FISCAL/FTE IMPACT

Revising the policy as recommended would shorten the timeframe for the VRWJPO's return on investment for its contribution toward the Braun Wetland Bank. At the current policy value and based on completed credit sales and purchase agreements executed in 2025, 1.36 acres of wetland credits would need to be sold to recoup the VRWJPO's original wetland bank investment. If the value was increased to \$60,111 per acre in 2025, staff estimates that 1.13 acres of wetland credits sales are needed to recoup the VRWJPO's original wetland bank investment.

Supporting Documents:

Attachment A: VRWJPO Wetland Banking Policy (Revised June 27, 2024)

Attachment B: 2024 Dakota County Agricultural Land Values

Attachment C: Minnesota Bank Service Areas, Costs, and Calculations

Attachment D: Draft VRWJPO Wetland Banking Policy (Revised May 22, 2025)

Previous Board Action(s):

VRW 24-27; 6/27/2024

RESOLUTION**8a. Adoption of Vermillion River Watershed Joint Powers Organization Wetland Banking Policy**

WHEREAS, the Vermillion River Watershed Management Plan Goal F., Action 1.a. calls for the development of procedures to operate wetland banks and sustain wetland restorations in the Vermillion River Watershed, creating a revolving fund that rolls fees from purchasers back into further wetland restorations; and

WHEREAS, the Vermillion River Watershed Joint Powers Organization (VRWJPO) partnered with Dakota County and the Minnesota Board of Water and Soil Resources (BWSR) to develop a wetland bank in the watershed; and

WHEREAS, the bank was constructed and a portion of credits have been released by the State and Federal Government for the VRWJPO to sell based on the incremental release of credits resulting from successful performance standard attainment; and

WHEREAS, the VRWJPO adopted a Wetland Banking Policy in 2018 to require wetland impacts occurring within the watershed that are using wetland bank credits for replacement of functions and values use credits from wetland bank(s) within the watershed provides that those wetland functions and values are preserved within the watershed and reduce the overall ecological and hydrologic impacts that could occur if lost to the watershed; and

WHEREAS, the policy was revised in 2024 to adjust how bank credit costs were calculated to 5.5 times the average agricultural land value for Dakota County lands graded A-C, which resulted in cost per credit of \$49,867 per acre for 2024 and early 2025, with a non-to exceed cost of \$50,000; and

WHEREAS, agricultural land values for 2025 have risen, resulting in a cost per acre that would exceed \$50,000;

WHEREAS, the Vermillion River Watershed Joint Powers Board provided staff with feedback on a cost they were comfortable adjusting the cost per acre to \$60,011 for fiscal year 2025;

WHEREAS, staff performed additional investigations on other bank service areas within the State to determine a means to calculate cost per acre of credits that's more justifiable than previous calculated methods; and

WHEREAS, staff are recommending a revised calculation method that would set the cost of VRWJPO credits sold at the previous year's annually calculated median value of BWSR-reported costs per credit for bank service areas 6, 7, and 9 that include outstate areas while also intersecting the Twin Cities Metropolitan Area, similar to bank service area 8 where the VRWJPO is located; and

WHEREAS, staff also recommend leaving bank service area 8 out of the cost per acre consideration since VRWJPO-sold credits are reported to BWSR and would skew the median value if included, and

WHEREAS, staff have developed a Wetland Banking Policy (Revised 5-22-2025) for adoption by the VRWJPB.

NOW, THEREFORE, BE IT RESOLVED, that the Vermillion River Watershed Joint Powers Board (VRWJPB) adopts the Vermillion River Watershed Joint Powers Organization Wetland Bank Policy (Revised 5-22-2025) on May 22, 2025, and effective until the VRWJPB revises the Policy.



Wetland Banking Policy for the Vermillion River Watershed (Revised 6/27/2024)

This policy generally refers to provisions within the Wetland Conservation Act (as amended) and its implementation according to Minnesota Rules Chapter 8420 “Board of Water and Soil Resources Wetland Conservation” (herein referred to as “the Rule”).

The purposes of the Wetland Conservation Act as listed in the Purpose section of the Rule (8420.0100 Subp. 1) are to:

- A. achieve no net loss in the quantity, quality, and biological diversity of Minnesota’s existing wetlands;
- B. increase the quantity, quality, and biological diversity of Minnesota’s wetlands by restoring or enhancing diminished or drained wetlands;
- C. avoid direct or indirect impacts from activities that destroy or diminish the quantity, quality, and biological diversity of wetlands; and
- D. replace wetland values where avoidance of activity is not feasible and prudent.

The Rule identifies the following as its method (8420.0100 Subp. 2): “The regulatory provisions of the Wetland Conservation Act advance the purpose in this part by requiring persons proposing to impact a wetland to first, attempt to avoid the impact; second, attempt to minimize the impact, and finally, replace any impacted area with another wetland of at least equal function and value.”

To accomplish this the Rule sets further procedures and standards that must be followed. The Rule and the Act provide minimum standards. Part 8420.0233 provides that: “Local government units may require more procedures and more wetland protection, but not less”. To that end, this policy affects part 8420.0522 of the Rule as it applies to Replacement Standards. Although this policy does not replace the Rule it does supersede its effect in requiring replacement credits as applied through Wetland Banking (parts 8420.0700 through 8420.0820) to occur within the Vermillion River Watershed for wetland impacts occurring in the Vermillion River Watershed as long as there are wetland bank replacement credits available from a wetland bank within the Watershed.

To be more effective in implementing the goals of the Vermillion River Watershed Management Plan, the VRWJPO has partnered in the development of a wetland bank in the Vermillion River Watershed with the desire to develop additional wetland banks in the future.



The VRWJPO will offer wetland credits for sale on the open market upon successful completion of a wetland restoration creating wetland banks where the VRWJPO participates financially in their development. Revenues from the sale of wetland credits will be applied to further restoration of wetlands and development of wetland bank credits for future sale, thus developing a revolving fund to restore wetlands within the Watershed.

The VRWJPO will manage the sale of credits according to the Rule (Parts 8420.0745 through 8420.0755).

Price of wetland credits managed for sale by the VRWJPO shall be set as follows:

The price shall be set at 5.5 times the estimated average market value for class 2A agricultural lands graded A, B, or C in Dakota County up to a maximum of \$50,000 per acre.

Class 2A agricultural land values are established annually each spring by the Dakota County Assessor's Office. Each year, the price for credits will be changed based on the annual establishment of class 2A agricultural land values in Dakota County. Any credits where earnest money was paid to hold wetland credits prior to the change in the land values would be honored at the price it was previously agreed upon.

The minimum price at which credits will be sold for replacement of wetland impacts will be 1.5 times the sum of the cost to produce the wetland bank credits (easement and restoration, etc.) plus all fees associated with the wetland bank (as per BWSR Wetland Mitigation Fee Policy) plus \$500 per acre.

It is the intent of VRWJPO staff and the Vermillion River Watershed Joint Powers Board to review and consider revisions to wetland credit prices on an annual basis.



Dakota County Assessing Services

Dakota County Administration Center • 1590 Highway 55 • Hastings MN 55033

651.438.4200 • Fax 651.438.4469 • www.dakotacounty.us

NOTE: THIS SCHEDULE IS USED IN THE SOUTHERN HALF OF THE COUNTY FOR BOTH MARKET AND AG VALUES AND ONLY THE AG VALUES IN THE NORTHERN/DEVELOPED PART OF THE COUNTY. The market value in the northern part of the county varies greatly and the EMV is significantly more than shown on this schedule. High and Low Ag value tillable rates changed about +4% and non-tillable rates changed about 5%. DOR provided average rates for GA & Ag Preserve tillable land was increased from \$9,000/acre to \$9,500/acre (+3.26%) and non-tillable was changed from \$2,800/acre to \$3,200/acre (+14.3%), resulting in an overall increase on low land around 5%. The low land rates below are prorated by the percentage of total land in each class to compare to the DOR rate so that the overall rate per acre is in-line with the DOR rate. In order to maintain an acceptable sales-ratio on >34.5 acre vacant ag land and still implement the DOR prescribed increases to tillable land, high and low tillable rates are equal again for the 2024 assessment.

2024 AGRICULTURAL LAND VALUES

HI	GA	Grade	CER'S Range	Market Value							Green Acres and Ag-Preserve Values					
		2A		2024	2023	2022	2021	2020	2019		2024	2023	2022	2021	2020	2019
MA1	AGA1	A+ 2A	80-100	10100	9700	8700	8000	8000	7900		10100	9700	8000	7800	7400	7100
MA2	AGA2	A 2A	65-75	10100	9700	8700	8000	8000	7900		10100	9700	8000	7800	7400	7100
MA3	AGA3	A- 2A	45-60	10100	9700	8700	8000	8000	7900		10100	9700	8000	7800	7400	7100
MB1	AGB1	B+ 2A	70-80	9000	8700	7800	7200	7000	6600		9000	8700	7200	7000	6500	5950
MB2	AGB2	B 2A	50-65	9000	8700	7800	7200	7000	6600		9000	8700	7200	7000	6500	5950
MB3	AGB3	B- 2A	30-45	9000	8700	7800	7200	7000	6600		9000	8700	7200	7000	6500	5950
MC1	AGC1	C+ 2A	45-55	8100	7800	7000	6400	6100	5700		8100	7800	6500	6200	5600	5100
MC2	AGC2	C 2A	35-40	8100	7800	7000	6400	6100	5700		8100	7800	6500	6200	5600	5100
MC3	AGC3	C- 2A	20-30	8100	7800	7000	6400	6100	5700		8100	7800	6500	6200	5600	5100
MP1	AGP1	P-1 2A	75-90	5800	5400	5150	4750	4500	4300		3700	3300	3100	3000	3000	3000
MP2	AGP2	P-2 2A	60-70	5800	5400	5150	4750	4500	4300		3700	3300	3100	3000	3000	3000
MP3	AGP3	P-3 2A	35-55	5800	5400	5150	4750	4500	4300		3700	3300	3100	3000	3000	3000
		2B														
MP4	AGP4	P-4 2B	20-30	5800	5400	5150	4750	4500	4300		3700	3300	3100	3000	3000	3000
MW1	AGW1	Woods-2A	55-90	5800	5400	5150	4750	4500	4300		3700	3300	3100	3000	3000	3000
MW2	AGW2	Woods-2B	5-90	5800	5400	5150	4750	4500	4300		3700	3300	3100	3000	3000	3000
MWA	AGWA	Waste 2A	5-90	4400	4100	3900	3600	3500	3300		2000	1750	1600	1500	1500	1500
MWS	AGWS	Waste& Wildlife 2B	5-80	4400	4100	3900	3600	3500	3300		2000	1750	1600	1500	1500	1500

FARM SITE VALUES

Acres	Standard/Base (1)						Sub-Standard (2)					
	2024	2023	2022	2021	2020	2019	2024	2023	2022	2021	2020	2019
FSA1 1 Ac.	88000	88000	83800	76200	72600	69100	FSB1	70600	70600	67200	61100	58200
FSA2 ½ Ac	79600	79600	75800	68900	65600	62500	FSB2	62500	62500	59500	54100	51500
FSA3 ¼ Ac	70600	70600	67200	61100	58200	55500	FSB3	51100	51100	50600	46000	43800

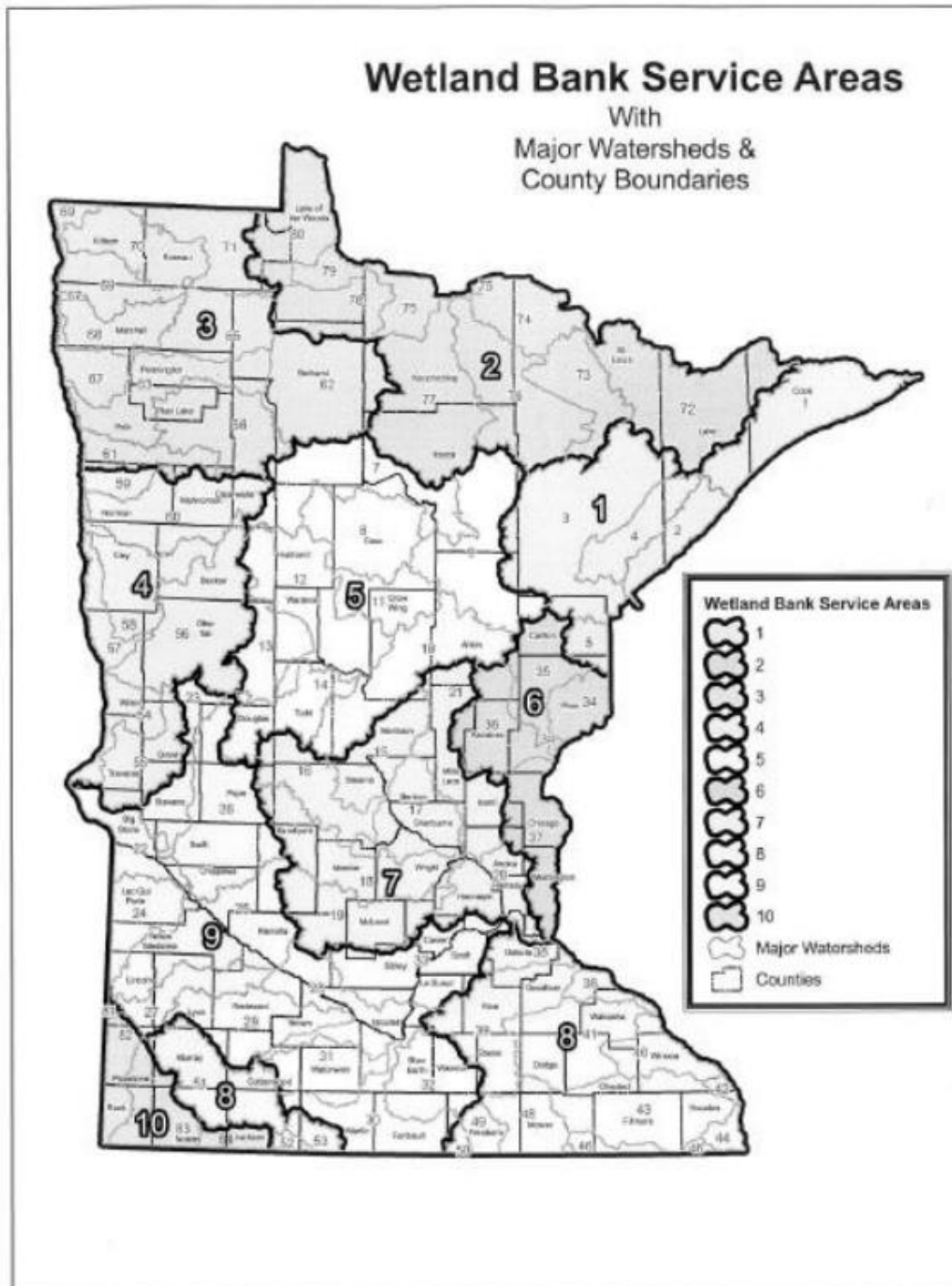
(1) Farm Site Values are the same rate regardless if parcel is Market, Green Acres and Ag Preserves. Sites saw no change for 2024. Ag sites above are standard site rates, which can be increased by various factors determined by appraisers.

(2) "Sub-standard site" means no well on site, could have piped in water from main site, and also may include minimum septic tank system.

Wetland Bank Credit Price Information

Data provided is from Minnesota Board of Water and Soil Resources

(<https://bwsr.state.mn.us/wetland-bank-credits-and-fees>)



2024 Standard Wetland Credits (SWC) ¹					
BSA ²	Average Cost per Credit ³	Number of Accounts with Withdrawals	Total Credits Withdrawn	Number of Transactions Processed	Percent of Transactions Reporting
1	\$ 57,413.82	5	9.4	27	33%
2	\$ 39,706.62	4	5.1	18	72%
3	\$ 18,657.67	3	69.2	4	75%
4	\$ 56,663.00	4	27.0	13	77%
5	\$ 20,370.71	4	22.6	30	57%
6	\$ 60,111.00	3	3.7	7	71%
7	\$ 112,411.47	16	61.6	77	44%
8	\$ 42,050.55	6	7.7	16	63%
9	\$ 59,166.42	15	58.6	42	62%
10	\$ -	0	0.0	0	0%

1. SWC excludes those transactions related to the Local Government Road Wetland Replacement Program (LGRWRP), MnDOT and Agricultural Wetland Credits

2. BSA is the Bank Service Area.

3. The average cost per credit is calculated using information voluntarily provided to BWSR on withdrawal transaction forms received between January 1, 2024, and December 31, 2024. BWSR does not verify the cost information provided.

Additional Notes:

- Rows highlighted in yellow are BSAs that include both outstate areas and intersect the Twin Cities Metropolitan Area and may have similar valuations
- The VRWJPO is in BSA 8, and the average cost shown is inclusive of VRWJPO wetland credit sales.
- The average and median cost of credits from various BSAs is shown below:

BSAs	Average	Median
6, 7, 8, 9	\$ 68,434.86	\$ 59,638.71
6, 7, 9	\$ 77,229.63	\$ 60,111.00
1-10	\$ 51,839.03	\$ 56,663.00
1-7, 9-10	\$ 53,062.59	\$ 57,038.41



Wetland Banking Policy for the Vermillion River Watershed (Revised 5-22-2025)

This policy generally refers to provisions within the Wetland Conservation Act (as amended) and its implementation according to Minnesota Rules Chapter 8420 "Board of Water and Soil Resources (BWSR) Wetland Conservation" (herein referred to as "the Rule").

The purposes of the Wetland Conservation Act as listed in the Purpose section of the Rule (8420.0100 Subp. 1) are to:

- A. achieve no net loss in the quantity, quality, and biological diversity of Minnesota's existing wetlands;
- B. increase the quantity, quality, and biological diversity of Minnesota's wetlands by restoring or enhancing diminished or drained wetlands;
- C. avoid direct or indirect impacts from activities that destroy or diminish the quantity, quality, and biological diversity of wetlands; and
- D. replace wetland values where avoidance of activity is not feasible and prudent.

The Rule identifies the following as its method (8420.0100 Subp. 2): "The regulatory provisions of the Wetland Conservation Act advance the purpose in this part by requiring persons proposing to impact a wetland to first, attempt to avoid the impact; second, attempt to minimize the impact, and finally, replace any impacted area with another wetland of at least equal function and value."

To accomplish this the Rule sets further procedures and standards that must be followed. The Rule and the Act provide minimum standards. Part 8420.0233 provides that: "Local government units may require more procedures and more wetland protection, but not less". To that end, this policy affects part 8420.0522 of the Rule as it applies to Replacement Standards. Although this policy does not replace the Rule it does supersede its effect in requiring replacement credits as applied through Wetland Banking (parts 8420.0700 through 8420.0820) to occur within the Vermillion River Watershed for wetland impacts occurring in the Vermillion River Watershed as long as there are wetland bank replacement credits available from a wetland bank within the Watershed.

To be more effective in implementing the goals of the Vermillion River Watershed Management Plan, the VRWJPO has partnered in the development of a wetland bank in the Vermillion River Watershed with the desire to develop additional wetland banks in the future.



The VRWJPO will offer wetland credits for sale on the open market upon successful completion of a wetland restoration creating wetland banks where the VRWJPO participates financially in their development. Revenues from the sale of wetland credits will be applied to further restoration of wetlands and development of wetland bank credits for future sale, thus developing a revolving fund to restore wetlands within the Watershed.

The VRWJPO will manage the sale of credits according to the Rule (Parts 8420.0745 through 8420.0755).

Price of wetland credits managed for sale by the VRWJPO shall be set as follows:

The price shall be set at the previous year's annually calculated median value of [BWSR-reported average costs per credit](#) for bank service areas 6, 7, and 9.

The minimum price at which credits will be sold for replacement of wetland impacts will be 1.5 times the sum of the cost to produce the wetland bank credits (easement and restoration, etc.) plus all fees associated with the wetland bank (as per BWSR Wetland Mitigation Fee Policy) plus \$500 per acre.

It is the intent of VRWJPO staff and the Vermillion River Watershed Joint Powers Board to review and consider revisions to wetland credit prices on an annual basis.

8b. Presentation and Discussion of Vermillion River Watershed Management Plan Implementation Table and Summary of Approval and Adoption Timeline

Meeting Date: 5/22/25
Item Type: Regular-Information
Contact: Kelly Perrine
Telephone: 952-891-7546
Prepared by: Travis Thiel

**PURPOSE/ACTION REQUESTED**

- Staff are seeking Vermillion River Watershed Joint Powers Board (VRWJPB) input regarding the proposed implementation table of actions in the draft 2026-2035 Vermillion River Watershed Management Plan (WMP). Staff will also provide a summary of the approval and adoption timeline for the WMP.

SUMMARY

In accordance with the requirements of MN Rule 8410 and MN Statute 103B, Vermillion River Watershed Joint Powers Organization (VRWJPO) staff are continuing to develop the 2026-2035 WMP. Staff have drafted prioritized and targeted actions that will accomplish WMP goals and address issues identified with assistance from stakeholders, the Vermillion River Watershed Community Advisory Committee (CAC), Vermillion River Watershed Technical Advisory Committee (TAC), and the Vermillion River Watershed Joint Powers Board (JPB).

The draft actions have been incorporated into an implementation table within the WMP, organized according to the WMP's six issue categories (Water Quality, Stormwater Management, Groundwater Sustainability, Climate Resilience, Natural Environments, Community Relationships). An Administration category has also been included to meet statutory requirements. Estimated implementation costs, potential partners, funding source, budget category, and dates for implementation are included.

Capital Improvement Program costs were developed with assistance from Local Government Units. Budgeted amounts do not reflect full CIP cost, but instead reflect what the VRWJPO anticipates to cost-share to support implementation. Staff drafted the implementation table and the respective costs for the actions, assuming the 2026 actions start with levy revenues 3 percent above the 2025 Dakota County levy and Scott County levy amounts and assuming a 3 percent annual increase in the levies over the duration of the WMP.

Staff are seeking input from the VRWJPB regarding the draft actions in the implementation table. Specifically, staff would like the VRWJPB to provide input on the following:

1. Are the proposed actions correct to address the WMP goals?
2. Are the costs appropriate for the proposed actions?
3. Is the schedule appropriate to accomplish the proposed actions?
4. Are the annual and overall costs of implementing the WMP in line with VRWJPB expectations?

EXPLANATION OF FISCAL/FTE IMPACT

Actions within the implementation table have no fiscal impact for 2025. They will have a fiscal impact starting in 2026 when the WMP is adopted, and implementation begins. The 2026 VRWJPO Budget will have costs associated with implementing the actions in the WMP.

Supporting Documents:

Attachment A: Draft 2026-2035 Vermillion River Watershed Management Plan
Implementation Table

Previous Board Action(s):

RESOLUTION

**8b. Presentation and Discussion of Vermillion River Watershed Management Plan Implementation Table and
Summary of Approval and Adoption Timeline**

Information only

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Water Quality	WQ-1	Vermillion River Monitoring Network	Annually administer the VRMN, including physical, chemical and biological monitoring. Costs include: DCSWCD staff/consultant time for water quality, aquatic macroinvertebrate and fish monitoring; data analyses; samples analyses; report preparation; agency coordination; equipment/supplies and USGS and DNR flow gaging.	High	Use surface water quality monitoring data to inform restoration and protection decisions.	Watershed-wide	DCSWCD, SSWCD, DNR, MPCA	General Fund	Inventory, Assessment and Research	\$1,249,562
	WQ-2	Assessments	Fund additional subwatershed, geomorphic and other assessments to identify projects and practices as well as their project costs and pollutant loading reductions or water resource/habitat improvement metrics.	High	Protect surface waters from impairments. Remove surface waters from the impaired waters list.	Watershed-wide	Many	General Fund, Grants	Inventory, Assessment and Research	\$120,000
	WQ-3	Projects Identified within City of Lakeville North Creek and East Lake Subwatershed Assessment	Implement projects such as: infiltration, filtration, ponding, reuse, hydrodynamic separator and MTDs identified within the North Creek and East Lake Subwatershed Assessment conducted within the bounds of the City of Lakeville.	High	Protect surface waters from impairments. Remove surface waters from the impaired waters list.	North Creek and East Lake	City of Lakeville	General Fund, Partner Funds, Grants	CIP and Maintenance	\$180,000
	WQ-4	Projects Identified within City of Apple Valley East Lake Subwatershed Assessment	Implement projects such as infiltration, diversion, reuse and alum identified within the East Lake Subwatershed Assessment conducted within the bounds of the City of Apple Valley.	High	Remove surface waters from the impaired waters list.	East Lake	City of Apple Valley	General Fund, Partner Funds, Grants	CIP and Maintenance	\$345,000
	WQ-5	Projects Identified within Vermillion River Headwaters Subwatershed Assessment Projects	Implement projects such as filter strips, grassed waterways, WASCOBs, wetland restoration and native grasses identified within the Vermillion River Headwaters subwatershed assessment.	High	Remove surface waters from the impaired waters list. Protect surface waters from impairments.	Vermillion River Headwaters	SSWCD, Landowners	Grants, Partner Funds	CIP and Maintenance	\$100,309
	WQ-6	Projects Identified within Upper Mainstem Subwatershed Assessment	Implement projects such as filter strips, grassed waterways, WASCOBs, streambank and shoreline stabilizations identified within the Upper Mainstem subwatershed assessment.	High	Remove surface waters from the impaired waters list. Protect surface waters from impairments.	Upper Mainstem Subwatershed	Landowners, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$315,257
	WQ-7	Projects Identified within South Branch Vermillion River Subwatershed Assessment	Implement projects such as grassed waterways, WASCOBs, critical area plantings, filter strips, grade stabilizations, streambank stabilizations and wetland restorations identified within the South Branch Vermillion River subwatershed assessment.	High	Remove surface waters from the impaired waters list. Protect surface waters from impairments.	South Branch Vermillion River Subwatershed	Landowners, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$100,309

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Water Quality	WQ-8	Projects Identified within Vermillion Lower Mainstem South Subwatershed Assessment	Implement projects such as WASCOPS and grassed waterways identified within the Vermillion Lower Mainstem South subwatershed assessment.	High	Remove surface waters from the impaired waters list. Protect surface waters from impairments.	Lower Mainstem Subwatershed	Landowner, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$100,309
	WQ -9	Opportunity projects/assessments	Through the life of the Plan, the VRWJPO will remain open to projects, initiatives, studies or other opportunities that align with Plan goals and objectives as they arise which are unknown at the time of Plan creation.	Medium	Many	Watershed Wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$100,000
	WQ-10	BMP Performance Monitoring	Monitor performance of pollutant reductions associated with BMPs implemented with funding assistance from grant or partner dollars.	Medium	Use surface water quality monitoring data to inform restoration and protection decisions.	Watershed Wide	Many	General Fund	Inventory, Assessment and Research	\$24,900
	WQ-11	Vermillion River Groundwater Interaction Assessment	Fund an assessment in the Hastings DWSMA to investigate surface water-groundwater interaction from the Vermillion River and its tributaries.	Medium	Coordinate with others to assess impacts to groundwater from the Vermillion River and its tributaries.	South Branch, Lower Mainstem, and Mississippi Direct Subwatersheds	Dakota County, City of Hastings	General Fund, Partner Funds, Grants	Inventory, Assessment and Research	\$49,400
	WQ-12	Groundwater Quality Projects, Programs and Practices	Assist lead groundwater organizations with projects, programs and practices that protect or improve groundwater quality.	Medium	Support and implement projects, programs and practices to protect or improve groundwater quality.	Watershed Wide	Many	General Fund, Partner Funds	CIP and Maintenance	\$200,618
	WQ-13	Street Sweeping Study	Complete a Street Sweeping Study to prioritize areas for enhanced sweeping based on pollutant recovery/removal potentials.	Medium	Remove surface waters from the impaired waters list. Protect surface waters from impairments.	Permitted MS4s	Dakota County	General Fund, Partner Funds	Inventory, Assessment and Research; and Communication, Outreach and Public Relations	\$50,000
	WQ-14	Assist with Development of Low Salt Design Standards	Support the development of low salt design and stormwater management standards.	Medium	Protect surface waters from impairments. Support and implement projects, programs and practices that protect or improve groundwater quality.	Watershed Wide	Many	General Fund	Administration and Operations; Regulation	\$37,500

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Water Quality	WQ-15	Projects that Address E. coli	Partner with lead agencies to investigate and implement projects that address E. coli in Scott County.	Low	Remove surface waters from the impaired waters list. Use surface water monitoring data to inform restoration and protection decisions.	Upper Mainstem Subwatershed	SSWCD, Scott County	General Fund, Partner Funds	Inventory, Assessment and Research	\$17,500
	WQ-16	Projects that Address Toxics/Metals/ECOC/Pesticides	Investigate opportunities to partner with lead agencies to implement projects that address toxics/metals/ECOC/pesticides.	Low	Support and implement projects, programs and practices to protect or improve groundwater quality.	Watershed Wide	Many	General Fund, Partner Fund, Grants	Many	\$5,000

Stormwater Management	SW-1	Projects Identified within Hastings Direct Drainage Subwatershed Assessment	Implement projects such as infiltration, filtration and hydrodynamic separators identified within the Hastings Direct Drainage Assessment Report.	High	Promote and implement infiltration practices. Promote and implement stormwater practices that manage the peak rate and volume of runoff from the landscape.	Lower Mississippi Direct Subwatershed	City of Hastings	Grants, Partner Funds	CIP and Maintenance	\$130,000
	SW-2	Projects Identified within South Creek Subwatershed Assessment	Implement projects such as infiltration, filtration, pervious paver, boulevard tree trench, cistern, wetland and stream revitalization, and MTDs identified within South Creek Subwatershed Assessment.	High	Promote and implement infiltration practices. Promote and implement stormwater practices that manage the peak rate and volume of runoff from the landscape.	South Creek Subwatershed	City of Lakeville, Landowners, Dakota County	General Fund, Partner Funds, Grants	CIP and Maintenance	\$30,000
	SW-3	Projects Identified within City of Farmington Subwatershed Assessment	Implement projects such as treatment train, underground vault/pipe gallery and biofiltration projects identified within City of Farmington Subwatershed Assessment.	High	Promote and implement infiltration practices. Promote and implement stormwater practices that manage the peak rate and volume of runoff from the landscape.	North Creek, Middle Creek and Middle Mainstem Subwatersheds	City of Farmington	General Fund, Partner Funds, Grants	CIP and Maintenance	\$75,000
	SW-4	Projects Identified within City of Farmington Stormwater Retrofit Assessment for Independent School District 192	Implement projects such as bioretention basin, retention pond, impervious reduction and stormwater reuse identified within City of Farmington Stormwater Retrofit Assessment for Independent School District 192.	High	Promote and implement infiltration practices. Promote and implement stormwater practices that manage the peak rate and volume of runoff from the landscape.	North Creek, Middle Creek and Middle Mainstem Subwatersheds	City of Farmington	General Fund, Partner Funds, Grants	CIP and Maintenance	+

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Stormwater Management	SW-5	Innovative Stormwater Management Projects and Practices	Implement innovative stormwater management projects in partnership with LGUs including, but not limited to: green infrastructure, stormwater reuse and LID BMPs.	High	Promote and implement infiltration practices. Promote and implement stormwater practices that manage the peak rate and volume of runoff from the landscape.	Watershed Wide	Cities, Counties	General Fund, Partner Funds, Grants	CIP and Maintenance	\$290,000
	SW-6	Opportunity projects/assessments	Through the life of the Plan, the VRWJPO will remain open to projects, initiatives, studies or other opportunities that align with Plan goals and objectives as they arise which are unknown at the time of Plan creation.	Medium	Many	Watershed Wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$100,000
	SW-7	Projects identified within the Long and Farquar TMDL Implementation Plan and Long and Farquar Pond Feasibility Analysis	Implement stormwater projects identified within the Long and Farquar TMDL Implementation Plan such as: road corridor BMPs, infiltration benches, infiltration basins, private large lot redevelopments and residential BMPs/buffers/sweeping. Implement projects identified within the Long and Farquar Pond Feasibility Analysis.	Medium	Promote and implement infiltration practices. Promote and implement stormwater practices that manage the peak rate and volume of runoff from the landscape.	Long and Farquar Lakes	City of Apple Valley	General Fund, Partner Funds, Grants	CIP and Maintenance	\$58,000
	SW-8	Low Impact Development Practice Policies and Programs	Promote implementation of LID practices through the development of policies and programs to further adoption.	Medium	Assist in the development and implementation of policies and programs that promote green infrastructure and Low Impact Development practices.	Urban Landscapes	Many	General Fund	Many	\$5,000

Groundwater Sustainability	GS-1	Groundwater Conservation Assessments	Collaborate with partners for local, regional and state groundwater conservation assessments.	High	Assist with and coordinate groundwater supply planning, protection and improvement efforts with lead groundwater organizations.	Watershed Wide	Many	General Fund	Inventory, Assessments and Research	\$30,000
	GS-2	Projects, Programs and Practices Identified within the Dakota County Groundwater Plan's Groundwater Quantity Tactics	Implement projects, programs and practices identified within the Dakota County Groundwater Plan such as: a VRWJPO-wide water supply/conservation initiative, cost-sharing for water conservation projects, working with the DNR to ensure large groundwater appropriation requests are sustainable, and more.	Medium	Assist with and implement projects, programs and practices that reduce landscape and agricultural water use. Assist with and implement projects, programs and practices that promote infiltration.	Dakota County	Dakota County, LGUs, DCSWCD	General Fund, Grants, Partner Funds	CIP and Maintenance; Regulation; Inventory, Assessments and Research	\$100,000

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Groundwater Sustainability	GS-3	Groundwater Conservation Assessment Projects	Implement projects, programs and practices identified within other groundwater conservation assessments.	Medium	Assist with and implement projects, programs and practices that reduce landscape and agricultural water use. Assist with and implement projects, programs and practices that promote infiltration.	Watershed-wide	Many	General Fund, Grants, Partner Funds	CIP and Maintenance	\$50,000
	GS-4	Soil Health Initiative Partnerships	Assist with implementation and promotion of partner soil health programs.	Medium	Assist with and implement projects, programs and practices that reduce landscape and agricultural water use.	Residential and Agricultural Landscapes	Many	General Fund, Grants, Partner Funds	CIP and Maintenance; Communications, Outreach and Public Relations	\$20,000
	GS-5	Opportunity projects/assessments	Through the life of the Plan, the VRWJPO will remain open to projects, initiatives, studies or other opportunities that align with Plan goals and objectives as they arise which are unknown at the time of Plan creation.	Medium	Many	Watershed-wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$100,000

Climate Resiliency	CR-1	Climate Resiliency Plan	Partner in the development of a Climate Resiliency Plan to establish a baseline assessment of climate resiliency and develop strategic goals and recommendations to move towards a more climate resilient Watershed. Scope to include, but not be limited to: inventory of inadequate stormwater infrastructure, feasibility of stormwater pond smart technology, flood risk assessment and natural resource susceptibilities to drought.	High	Foster partnerships to implement projects, programs and practices that improve stormwater infrastructure's resilience to climate impacts	Watershed Wide	Many	General Fund, Grants	Feasibility/ Preliminary Engineering; Inventory, Assessment and Research	\$100,000
	CR-2	Climate Resilient Project Incentives	Provide incentives for projects identified within the Climate Resiliency Plan.	High	Foster partnerships to implement projects, programs and practices that improve stormwater infrastructure's resilience to climate impacts	Urban Landscapes	Cities, Counties, SWCDs	General Fund, Partner Funds, Grants	CIP and Maintenance	\$205,000

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Climate Resilience	CR-3	Floodplain Reconnection	Implement restoration and enhancement projects that connect water resources to the historic floodplain.	Medium	Promote reconnection to historic floodplains	Floodplains	Many	General Fund, Partner Funds, Grants	CIP and Maintenance; Feasibility/ Preliminary Engineering	\$180,000
	CR-4	Opportunity projects/assessments	Through the life of the Plan, the VRWJPO will remain open to projects, initiatives, studies or other opportunities that align with Plan goals and objectives as they arise which are unknown at the time of Plan creation.	Medium	Many	Watershed Wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$100,000
	CR-5	Stormwater Infrastructure Adaptation	Partner with LGUs to upgrade existing stormwater infrastructure to be more climate resilient.	Low	Support LGUs in stormwater infrastructure adaptation	Urban Landscapes	LGUs	General Fund, Partner Funds, Grants	CIP and Maintenance	\$45,000
	CR-6	Green Infrastructure BMPs	Implement green infrastructure BMPs in partnership with LGUs.	Low	Foster partnerships to implement projects, programs and practices to increase the amount of green infrastructure	Urban Landscapes	LGUs	General Fund, Partner Funds, Grants	CIP and Maintenance	+
	CR-7	Updated Floodplain Model	Assist partners in the investigation of updated floodplain models.	Low	Support re-evaluation of Watershed floodplains using updated data	Watershed Wide	Cities, Counties, DNR	General Fund, Partner Funds	Feasibility/ Preliminary Engineering	\$25,000

Natural Environments	NE-1	Projects identified within the South Creek Geomorphic Assessment	Implement projects such as: natural channel restoration/relocation, grade control, floodplain management, riparian management, bank stabilization and culvert crossing projects identified within the South Creek Geomorphic Assessment.	High	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	South Creek Subwatershed	City of Lakeville, Dakota County	Grants, Partner Funds	CIP and Maintenance	\$100,000
	NE-2	Projects identified within the Etter Creek and Ravenna Coulee Geomorphic Assessment	Implement projects such as: natural channel restoration/relocation, grade control, floodplain management, riparian management, bank stabilization and culvert crossing projects identified within the Ravenna Coulee Geomorphic Assessment.	High	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	Mississippi Direct Subwatershed	Dakota County, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$25,000

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Natural Environments	NE-3	Projects identified within the Middle and North Creek Geomorphic Assessment	Implement projects such as: bank stabilization, floodplain management, grade control, natural channel restoration and riparian management projects identified within the Middle and North Creek Geomorphic Assessment.	High	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	Middle Creek and North Creek Subwatersheds	City of Lakeville, City of Farmington, Dakota County	Grants, Partner Funds	CIP and Maintenance	\$60,000
	NE-4	Projects identified within the Empire Drainages Geomorphic Assessment	Implement projects such as: bank stabilization, culvert crossing, natural channel restoration, infrastructure and riparian management projects identified within the Empire Drainages Geomorphic Assessment.	High	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	Middle Mainstem Subwatershed	City of Empire, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$20,000
	NE-5	Projects identified within the Lower Mainstem Geomorphic Assessment	Implement projects such as: bank stabilization, riparian management and infrastructure improvement projects identified within the Lower Mainstem Geomorphic Assessment.	High	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	Lower Mainstem Subwatershed	Dakota County, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$20,000
	NE-6	VRWJPO Wetland Banking Program	Restore priority wetlands and administer the VRWJPO Wetland Banking Program to achieve a no-net-loss of wetlands within the watershed.	High	Identify and improve high-priority water resource environments found to be significantly impacted by humans.	Restorable Wetlands	SWCDs, Counties, BWSR	General Fund, Partner Funds, Grants	CIP and Maintenance	\$548,500
	NE-7	Priority Wetland Restoration	Restore areas identified within Priority Wetland Restoration studies, not just for the purpose of the creation of a wetland bank.	High	Identify and improve high-priority water resource environments found to be significantly impacted by humans.	Restorable Wetlands	Many	General Fund, Partner Funds	CIP and Maintenance	\$120,000
	NE-8	East Lake In-lake Projects and Practices	Implement projects and practices to address East Lake's LA defined within the Vermillion River Watershed TMDL. Examples include, but are not limited to: invasive fish management, fish stocking, native aquatic plant establishment, AIS management, alum treatments, lake drawdown and shoreline restorations.	High	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	East Lake	City of Apple Valley, City of Lakeville, DNR, Dakota County	General Fund, Partner Funds, Grants	CIP and Maintenance	\$45,000
	NE-9	Cost-share for DCSWCD and SSWCD Incentive Programs	Provide cost-share for the following programs: DCSWCD's Incentive Payment Practices Program; SSWCD's Cover Crop and Soil Health Incentives; and others as they are developed.	Medium	Coordinate with others to implement projects, programs and practices that improve soil health	Agricultural landscapes	DCSWCD and SSWCD	General Fund	CIP and Maintenance	\$272,267

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Natural Environments	NE-11	Opportunity projects/assessments	Through the life of the Plan, the VRWJPO will remain open to projects, initiatives, studies or other opportunities that align with Plan goals and objectives as they arise which are unknown at the time of Plan creation.	Medium	Many	Watershed Wide	Many	Many	All Budget Categories excluding Administration and Operations	\$100,000
	NE-12	In-lake management projects identified within the Long and Farquar TMDL Implementation Plan	In-lake management projects identified within the Long and Farquar TMDL Implementation Plan including: AIS management activities, fisheries management (surveys, stocking, removals), aeration and lake drawdown.	Low	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	Long and Farquar Lakes	DNR and City of Apple Valley	Grants, Partner Funds, General Fund	CIP and Maintenance	+
	NE-13	Upland Restoration Adjacent to Water Resources	Partner with stakeholders to restore upland areas adjacent to lakes, rivers, and wetlands.	Low	Coordinate with others to implement projects, programs and practices that protect the Watershed's aquatic and riparian habitats.	Watershed Wide	Many	Grants, Partner Funds, General Fund	Public Communications, Outreach and Public Relations; CIP Maintenance	\$45,000

Community Relationships	CMR-1	Stewardship Grants	Provide cost-share funding to individuals and groups in the watershed who are looking to install BMPs with direct water resource benefits.	High	Create and support opportunities for stakeholder connection and engagement with the Watershed's natural resources. Engage citizens to promote sustainable stewardship of lakes and streams.	Residents, landowners, businesses, community groups	Many	General Fund	Public Communications, Outreach and Public Relations; Administration and Operations	\$319,556
	CMR-2	Public Event Participation	Host display tables at community events where attendees are likely to be interested in environmental topics. Examples may include, but are not limited to: Dakota County Fair, Take a Kid Fishing Day, Home and Garden Expos, Parks and Recreation Month, Fix-It Clinics	High	Consistently communicate and promote the work of the VRWJPO with partners and stakeholders. Grow the amount of watershed stakeholders.	Many	Many	General Fund	Public Communications, Outreach and Public Relations	\$69,556
	CMR-3	Maintain Website	Keep the VRWJPO website up to date by regularly reviewing and posting pertinent content. Website contents include: upcoming events; watershed project updates; project fact sheets; watershed assessment studies; volunteer opportunities; recreational resources; and anything else determined relevant.	High	Consistently communicate and promote the work of the VRWJPO with partners and stakeholders. Maintain or increase ways for stakeholders to provide relevant input to the VRWJPO.	Many	N/A	General Fund	Public Communications, Outreach and Public Relations	\$39,746

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Community Relationships	CMR-4	Distribute Newsletter	Electronically distribute VRWJPO newsletter with watershed updates, news, and tips.	High	Consistently communicate and promote the work of the VRWJPO with partners and stakeholders. Communicate with stakeholders regarding the environmental issues that directly impact the watershed.	Newsletter subscribers	Many	General Fund	Public Communications, Outreach and Public Relations	\$59,617
	CMR-5	Partner Programs	Annually plan, promote and provide financial incentives for programs that align with the goals and objectives of this Plan. Examples include, but are not limited to: the Dakota SWCD Landscaping for Clean Water Program, the Dakota County Lawns Reimagined Program, Scott SWCD Clean Water Education Program, Smart Salting Trainings in Dakota County, Turfgrass Maintenance Trainings in Dakota County, volunteer events with direct benefits to the watershed (e.g. Trout Unlimited)	High	Create and support opportunities for stakeholder connection and engagement with the Watershed's natural resources. Engage citizens to promote sustainable stewardship of lakes and streams.	Watershed Wide	Many	General Fund	Public Communications, Outreach and Public Relations	\$782,981
	CMR-6	Social Media Presence	Engage stakeholders and the public through insightful social media posts. Topics include, but are not limited to: project updates, BMP suggestions for residents, relevant news articles, photos from around the watershed, events, on Facebook and Instagram.	High	Communicate with stakeholders regarding environmental issues that directly impact the watershed	Many	Many	General Fund	Public Communications, Outreach and Public Relations	\$99,363
	CMR-7	Collaborative Education and Outreach	Collaborate with partners to develop and distribute educational materials on topics including, but not limited to: MS4 Permit requirements to reduce stormwater pollution; residential BMPs to improve water quality; water conservation BMPs; indoor appliance water conservation rebates; soil health; interesting fish and macroinvertebrate information	Medium	Communicate with stakeholders regarding environmental issues that directly impact the watershed. Grow the number of watershed stakeholders.	Residents, landowners, businesses	LGUs	General Fund	Public Communications, Outreach and Public Relations	\$89,427
	CMR-8	Engagement with Schools in the Watershed	Connect with teachers and education professionals in the watershed and participate in their programming as appropriate. Examples may include but are not limited to Outdoor Education Days, Earth Day events, in-class discussions.	Medium	Grow the number of watershed stakeholders	Students	DCSWCD and SSWCD	General Fund	Public Communications, Outreach and Public Relations	\$59,810

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Community Relationships	CMR-9	VRWJPO Watershed Tours	Host watershed tours for stakeholders to highlight demonstrations of innovative technology, successful water quality and quantity improvement projects, and restoration and enhancement activities	Medium	Consistently communicate and promote the work of the VRWJPO with partners and stakeholders. Grow the amount of watershed stakeholders.	Elected and appointed officials	LGUs, state agencies, environmental organizations	General Fund	Public Communications, Outreach and Public Relations	\$19,871
	CMR-10	Project Signage	Post signage that directs stakeholders and the public to the Project Update landing page for on-going projects. Place interpretive signs at completed VRWJPO project sites to inform the public about what the projects do for water resources.	Low	Consistently communicate and promote the work of the VRWJPO with partners and stakeholders.	Many	LGUs	General Fund	Public Communications, Outreach and Public Relations	\$13,000

Administration	AD-1	Staffing	Staffing for VRWJPO Administrator, Co-Administrator, Senior Watershed Specialist, Water Resources Engineer and Communications and Outreach Specialist for hours related to: Administration and Operations; Planning; Inventory, Assessment, Research; Feasibility/Preliminary Engineering; Regulation; and CIP and Maintenance.	High	Many	N/A	Dakota County, Scott County	General Fund	All Budget Categories minus Public Communications, Outreach and Public Relations	\$4,616,086
	AD-2	Insurance	Fees associated with insurance required for operation of the VRWJPO.	High	N/A	N/A	N/A	General Fund	Administration and Operations	\$51,586
	AD-3	Legal Support	Fees associated with legal support for contract and/or agreement establishment, bidding document review and other legal support.	High	N/A	N/A	Dakota County	General Fund	Administration and Operations	\$286,597
	AD-4	Public Notices	Keep website updated on following information: JPB agendas, meeting packets and meeting minutes; CAC agendas, meeting packets and meeting minutes; the Watershed Management Plan; VRWJPO Standards; monitoring reports; annual reports; legal public notices.	High	N/A	N/A		General Fund	Administration and Operations	\$39,746

Category	Item ID	Action	Description	Priority Level	Objective(s) Addressed	Target Resource/Audience	Partners	Funding Source	Budget Category	*Total 10-Year Cost
Administration	AD-5	Watershed Management Plan Update	Funds to hire a contractor to update the Plan following MN Rule 103B and MN Statute 8410 requirements.	High	N/A	N/A	Dakota County and Scott County	General Fund	Planning	\$195,000
	AD-6	CIP Maintenance	Funding for maintenance of CIP projects completed through partnerships with LGUs or independently by the VRWJPO.	High	Many	N/A	LGUs	General Fund	CIP and Maintenance	\$343,916

Notes:

- (*) Dollars shown reflect only those costs sourced from the VRWJPO general budget. If funding source identifies grants or partner funds, additional dollars would be needed for full project implementation. VRWJPO general budget expenditures have been accounted for as partners have identified action within 2-, 5- or 10-year CIP programs, or other long-range implementation plans. Generally, for CIP partnerships, VRWJPO contributions range from 10-25% of full project cost.
- (+) Currently, no funding from the VRWJPO is identified to support this action. This action may be completed as partnership and/or grant funding becomes available.

	Total 10-Year Cost
Water Quality Total	\$2,995,663
Stormwater Management Total	\$688,000
Groundwater Sustainability Total	\$300,000
Climate Resilience Total	\$655,000
Natural Environments Total	\$1,805,767
Community Relationships Total	\$1,552,926
Administration Total	\$5,532,931
Total	\$13,530,288

Category	Item ID	Action	Target Resource/Audience	Partners	Funding Source	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Water Quality	WQ-1	Vermillion River Monitoring Network	Watershed-wide	DCSWCD, SSWCD, DNR, MPCA	General Fund	Inventory, Assessment and Research	\$109,000	\$112,270	\$115,638	\$119,107	\$122,680	\$126,361	\$130,152	\$134,056	\$138,078	\$142,220
	WQ-2	Assessments	Watershed-wide	Many	General Fund, Grants	Inventory, Assessment and Research			\$35,000			\$40,000			\$45,000	
	WQ-3	Projects Identified within City of Lakeville North Creek and East Lake Subwatershed Assessment	North Creek and East Lake	City of Lakeville	General Fund, Partner Funds, Grants	CIP and Maintenance			\$60,000	\$60,000					\$30,000	\$30,000
	WQ-4	Projects Identified within City of Apple Valley East Lake Subwatershed Assessment	East Lake	City of Apple Valley	General Fund, Partner Funds, Grants	CIP and Maintenance		\$57,500	\$57,500	\$115,000	\$115,000					
	WQ-5	Projects Identified within Vermillion River Headwaters Subwatershed Assessment Projects	Vermillion River Headwaters	SSWCD, Landowners	Grants, Partner Funds	CIP and Maintenance	\$8,750	\$9,013	\$9,283	\$9,561	\$9,848	\$10,144	\$10,448	\$10,761	\$11,084	\$11,417
	WQ-6	Projects Identified within Upper Mainstem Subwatershed Assessment	Upper Mainstem Subwatershed	Landowners, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$27,500	\$28,325	\$29,175	\$30,050	\$30,951	\$31,880	\$32,836	\$33,822	\$34,836	\$35,881

Category	Item ID	Action	Target Resource/Audience	Partners	Funding Source	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Water Quality	WQ-7	Projects Identified within South Branch Vermillion River Subwatershed Assessment	South Branch Subwatershed	Landowners, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$8,750	\$9,013	\$9,283	\$9,561	\$9,848	\$10,144	\$10,448	\$10,761	\$11,084	\$11,417
	WQ-8	Projects Identified within Vermillion Lower Mainstem South Subwatershed Assessment	Lower Mainstem Subwatershed	Landowner, DCSWCD	Grants, Partner Funds	CIP and Maintenance	\$8,750	\$9,013	\$9,283	\$9,561	\$9,848	\$10,144	\$10,448	\$10,761	\$11,084	\$11,417
	WQ -10	Opportunity projects/assessments	Watershed-wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	WQ-11	BMP Performance Monitoring	Watershed-wide	Many	General Fund	Inventory, Assessment and Research	\$2,000	\$2,100	\$2,200	\$2,300	\$2,400	\$2,500	\$2,700	\$2,800	\$2,900	\$3,000
	WQ-12	Vermillion River Groundwater Interaction Assessment	South Branch, Lower Mainstem and Mississippi Direct Subwatersheds	Dakota County, City of Hastings	General Fund, Partner Funds, Grants	Inventory, Assessment and Research		\$49,400								
	WQ-13	Groundwater Quality Projects, Programs and Practices	Watershed-wide	Many	General Fund, Partner Funds	CIP and Maintenance	\$17,500	\$18,025	\$18,566	\$19,123	\$19,696	\$20,287	\$20,896	\$21,523	\$22,168	\$22,834
	WQ-14	Street Sweeping Study	Urban Landscapes	Dakota County	General Fund, Partner Funds	Inventory, Assessment and Research; and Communication, Outreach and Public Relations	\$50,000									

Category	Item ID	Action	Target Resource/Audience	Partners	Funding Source	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Water Quality	WQ-15	Assist with Development of Low Salt Design Standards	Watershed-wide	Many	General Fund	Administration and Operations; Regulation		\$7,500		\$7,500		\$7,500		\$7,500		\$7,500
	WQ-16	Projects that Address E. coli	Upper Mainstem Subwatershed	DCSWCD, SSWCD, Dakota County, Scott County	General Fund, Partner Funds	Inventory, Assessment and Research		\$10,000			\$2,500		\$2,500		\$2,500	
	WQ-17	Projects that Address Toxics/Metals/ECOC/Pesticides	Watershed-wide	Many	General Fund, Partner Fund, Grants	CIP and Maintenance; Inventory, Assessment and Research; and Communication, Outreach and Public Relations			\$2,500			\$2,500				

Stormwater Management	SW-1	Projects Identified within Hastings Direct Drainage Subwatershed Assessment	Lower Mississippi Direct Subwatershed	City of Hastings	Grants, Partner Funds	CIP and Maintenance		\$25,000			\$50,000		\$55,000			
	SW-2	Projects Identified within South Creek Subwatershed Assessment	South Creek Subwatershed	City of Lakeville, Landowners, Dakota County	General Fund, Partner Funds, Grants	CIP and Maintenance					\$10,000		\$10,000		\$10,000	
	SW-3	Projects Identified within City of Farmington Subwatershed Assessment	North Creek, Middle Creek and Middle Mainstem Subwatersheds	City of Farmington	General Fund, Partner Funds, Grants	CIP and Maintenance						\$75,000				

Category	Item ID	Action	Target Resource/Audience	Partners	Funding Source	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Stormwater Management	SW-4	Projects Identified within City of Farmington Stormwater Retrofit Assessment for Independent School District 192	North Creek, Middle Creek and Middle Mainstem Subwatersheds	City of Farmington	General Fund, Partner Funds, Grants	CIP and Maintenance	Currently, no funding identified. This action may be completed as partnerships and funding becomes available.									
	SW-5	Innovative Stormwater Management Projects and Practices	Watershed-wide	Cities, Dakota County, Scott County	General Fund, Partner Funds, Grants	CIP and Maintenance		\$70,000	\$70,000				\$75,000	\$75,000		
	SW-6	Opportunity projects/assessments	Watershed-wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	SW-7	Projects identified within the Long and Farquar TMDL Implementation Plan and Long and Farquar Pond Feasibility Analysis	Long and Farquar Lakes	City of Apple Valley	General Fund, Partner Funds, Grants	CIP and Maintenance	\$18,000					\$40,000				
	SW-8	Low Impact Development Practice Policies and Programs	Urban Landscapes	Many	General Fund	Many			\$2,500	\$2,500						

Groundwater Sustainability	GS-1	Groundwater Conservation Assessments	Watershed-wide	Many	General Fund	Inventory, Assessments and Research			\$10,000			\$10,000			\$10,000	
	GS-2	Projects, Programs and Practices Identified within the Dakota County Groundwater Plan's Groundwater Quantity Tactics	Dakota County	Dakota County, LGUs, DCSWCD	General Fund, Grants, Partner Funds	CIP and Maintenance; Regulation; Inventory, Assessments and Research	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Category	Item ID	Action	Target Resource/Audience	Partner(s)	Funding Source(s)	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Groundwater Sustainability	GS-3	Groundwater Conservation Assessment Projects	Watershed-wide	Many	General Fund, Grants, Partner Funds	CIP and Maintenance		\$10,000		\$10,000		\$10,000		\$10,000		\$10,000
	GS-4	Soil Health Initiative Partnerships	Residential and Agricultural Landscapes	Many	General Fund, Grants, Partner Funds	CIP and Maintenance; Communication s, Outreach and Public Relations					\$5,000	\$5,000	\$5,000	\$5,000		
	GS-5	Opportunity projects/assessments	Watershed-wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Climate Resilience	CR-1	Climate Resiliency Plan	Watershed-wide	Many	General Fund, Grants	Feasibility/ Preliminary Engineering; Inventory, Assessment and Research			\$50,000	\$50,000						
	CR-2	Climate Resilient Project Incentives	Urban Landscapes	Cities, Counties, SWCDs	General Fund, Partner Funds, Grants	CIP and Maintenance						\$40,000	\$40,000	\$40,000	\$35,000	\$50,000
	CR-3	Floodplain Reconnection	Watershed-wide	Many	General Fund, Partner Funds, Grants	CIP and Maintenance; Feasibility/ Preliminary Engineering				\$80,000				\$100,000		

Category	Item ID	Action	Target Resource/Audience	Partner(s)	Funding Source(s)	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Climate Resilience	CR-4	Opportunity projects/assessments	Watershed-wide	Many	General Fund, Partner Funds, Grants	All Budget Categories excluding Administration and Operations	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	CR-5	Stormwater Infrastructure Adaptation	Urban Landscapes	LGUs	General Fund, Partner Funds, Grants	CIP and Maintenance					\$15,000		\$15,000		\$15,000	
	CR-6	Green Infrastructure BMPs	Urban Landscapes	LGUs	General Fund, Partner Funds, Grants	CIP and Maintenance	Currently, no funding identified. This action may be completed as partnerships and funding becomes available.									
	CR-7	Updated Floodplain Model	Watershed-wide	Cities, Counties, DNR	General Fund, Partner Funds	Feasibility/Preliminary Engineering			\$12,500	\$12,500						

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Natural Environments	NE-1	Projects identified within the South Creek Geomorphic Assessment	South Creek Subwatershed	City of Lakeville, Dakota County	Grants, Partner Funds	CIP and Maintenance		\$50,000	\$50,000							
	NE-2	Projects identified within the Etter Creek and Ravenna Coulee Geomorphic Assessment	Mississippi Direct Subwatershed	Dakota County, DCSWCD	Grants, Partner Funds	CIP and Maintenance				\$25,000						
	NE-3	Projects identified within the Middle and North Creek Geomorphic Assessment	Middle Creek and North Creek Subwatersheds	City of Lakeville, City of Farmington, Dakota County	Grants, Partner Funds	CIP and Maintenance							\$60,000			

Category	Item ID	Action	Target Resource/Audience	Partner(s)	Funding Source(s)	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Natural Environments	NE-4	Projects identified within the Empire Drainages Geomorphic Assessment	Middle Mainstem Subwatershed	City of Empire, DCSWCD	Grants, Partner Funds	CIP and Maintenance								\$20,000		
	NE-5	Projects identified within the Lower Mainstem Geomorphic Assessment	Lower Mainstem Subwatershed	Dakota County, DCSWCD	Grants, Partner Funds	CIP and Maintenance								\$20,000		
	NE-6	VRWJPO Wetland Banking Program	Restorable Wetlands	SWCDs, Counties, BWSR	General Fund, Partner Funds, Grants	CIP and Maintenance	\$300,000	\$110,500	\$34,500	\$34,500	\$34,500	\$34,500				
	NE-7	Priority Wetland Restoration	Restorable Wetlands	Many	General Fund, Partner Funds	CIP and Maintenance				\$30,000		\$40,000				\$50,000
	NE-8	East Lake In-lake Projects and Practices	East Lake	City of Apple Valley, City of Lakeville, DNR, Dakota County	General Fund, Partner Funds, Grants	CIP and Maintenance	\$10,000	\$5,000	\$5,000			\$25,000				
	NE-9	Cost-share for DCSWCD and SSWCD Incentive Programs	Agricultural landscapes	DCSWCD and SSWCD	General Fund	CIP and Maintenance	\$23,750	\$24,463	\$25,196	\$25,952	\$26,731	\$27,533	\$28,359	\$29,210	\$30,086	\$30,988
	NE-10	In-stream Habitat Restoration	Streams	Many	General Fund, Grants, Partner Funds	CIP and Maintenance		\$50,000			\$150,000		\$62,500	\$62,500	\$50,000	\$75,000

Category	Item ID	Action	Target Resource/Audience	Partner(s)	Funding Source(s)	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Natural Environments	NE-11	Opportunity projects/assessments	Watershed-wide	Many	Many	All Budget Categories excluding Administration and Operations	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	NE-12	In-lake management projects identified within the Long and Farquar TMDL Implementation Plan	Long and Farquar Lakes	DNR and City of Apple Valley	Grants, Partner Funds, General Fund	CIP and Maintenance	Currently, no funding identified. This action may be completed as partnerships and funding becomes available.									
	NE-13	Upland Restoration Adjacent to Water Resources	Watershed-wide	Many	Grants, Partner Funds, General Fund	Public Communications, Outreach and Public Relations; CIP Maintenance	\$5,000	\$5,000	\$5,000	\$5,000		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000

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Community Relationships	CMR-1	Stewardship Grants	Residents, landowners, businesses, community groups	Many	General Fund	Public Communications, Outreach and Public Relations; Administration and Operations	\$30,530	\$30,806	\$31,097	\$31,402	\$31,722	\$32,058	\$32,411	\$32,781	\$33,170	\$33,579
	CMR-2	Public Event Participation	Many	Many	General Fund	Public Communications, Outreach and Public Relations	\$5,530	\$5,806	\$6,097	\$6,402	\$6,722	\$7,058	\$7,411	\$7,781	\$8,170	\$8,579
	CMR-3	Maintain Website	Many	N/A	General Fund	Public Communications, Outreach and Public Relations	\$3,160	\$3,318	\$3,484	\$3,658	\$3,841	\$4,033	\$4,235	\$4,446	\$4,669	\$4,902

Category	Item ID	Action	Target Resource/Audience	Partner(s)	Funding Source(s)	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Community Relationships	CMR-4	Distribute Newsletter	Newsletter subscribers	Many	General Fund	Public Communications, Outreach and Public Relations	\$4,740	\$4,977	\$5,226	\$5,487	\$5,761	\$6,049	\$6,352	\$6,669	\$7,003	\$7,353
	CMR-5	Partner Programs	Watershed-wide	Many	General Fund	Public Communications, Outreach and Public Relations	\$68,300	\$70,349	\$72,459	\$74,633	\$76,872	\$79,178	\$81,554	\$84,000	\$86,520	\$89,116
	CMR-6	Social Media Presence	Many	Many	General Fund	Public Communications, Outreach and Public Relations	\$7,900	\$8,295	\$8,710	\$9,145	\$9,602	\$10,082	\$10,586	\$11,116	\$11,672	\$12,255
	CMR-7	Collaborative Education and Outreach	Residents, landowners, businesses	LGUs	General Fund	Public Communications, Outreach and Public Relations	\$7,110	\$7,465	\$7,839	\$8,231	\$8,642	\$9,074	\$9,528	\$10,004	\$10,504	\$11,030
	CMR-8	Engagement with Schools in the Watershed	Students	DCSWCD and SSWCD	General Fund	Public Communications, Outreach and Public Relations	\$5,370	\$5,488	\$5,613	\$5,744	\$5,881	\$6,025	\$6,176	\$6,335	\$6,501	\$6,677
	CMR-9	VRWJPO Watershed Tours	Elected and appointed officials	LGUs; state, local and regional agencies	General Fund	Public Communications, Outreach and Public Relations	\$1,580	\$1,659	\$1,742	\$1,829	\$1,920	\$2,016	\$2,117	\$2,223	\$2,334	\$2,451
	CMR-10	Project Signage	Many	LGUs	General Fund	Public Communications, Outreach and Public Relations	\$1,000	\$1,000	\$1,000	\$1,000		\$1,000	\$1,000	\$1,000	\$1,000	\$5,000

Category	Item ID	Action	Target Resource/Audience	Partner(s)	Funding Source(s)	Budget Category	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Administration	AD-1	Staffing	N/A	Dakota County, Scott County	General Fund	All Budget Categories minus Public Communications, Outreach and Public Relations	\$367,000	\$385,350	\$404,618	\$424,848	\$446,091	\$468,395	\$491,815	\$516,406	\$542,226	\$569,337
	AD-2	Insurance	N/A	N/A	General Fund	Administration and Operations	\$4,500	\$4,635	\$4,774	\$4,917	\$5,065	\$5,217	\$5,373	\$5,534	\$5,700	\$5,871
	AD-3	Legal Support	N/A	Dakota County	General Fund	Administration and Operations	\$25,000	\$25,750	\$26,523	\$27,318	\$28,138	\$28,982	\$29,851	\$30,747	\$31,669	\$32,619
	AD-4	Public Notices	N/A	N/A	General Fund	Administration and Operations	\$3,160	\$3,318	\$3,484	\$3,658	\$3,841	\$4,033	\$4,235	\$4,446	\$4,669	\$4,902
	AD-5	Watershed Management Plan Update	N/A	Dakota County and Scott County	General Fund	Planning									\$95,000	\$100,000
	AD-6	CIP Maintenance	N/A	LGUs	General Fund	CIP and Maintenance	\$30,000	\$30,900	\$31,827	\$32,782	\$33,765	\$34,778	\$35,822	\$36,896	\$38,003	\$39,143

Note:
Annual dollar expenditures reflect only those costs sourced from the VRWJPO general budget. If funding source identifies grants or partner funds, additional dollars would be needed for full project implementation. VRWJPO general budget expenditures have been accounted for as partners have identified action within 2-, 5- or 10-year CIP programs, or other long-range implementation plans. Generally, for CIP partnerships, VRWJPO contributions range from 10-25% of full project cost.

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Water Quality Total	\$242,250	\$322,158	\$358,427	\$391,764	\$332,773	\$271,459	\$230,428	\$241,985	\$318,735	\$285,685
Stormwater Management Total	\$28,000	\$105,000	\$82,500	\$12,500	\$70,000	\$125,000	\$150,000	\$85,000	\$20,000	\$10,000
Groundwater Sustainability Total	\$20,000	\$30,000	\$30,000	\$30,000	\$25,000	\$45,000	\$25,000	\$35,000	\$30,000	\$30,000
Climate Resilience Total	\$10,000	\$10,000	\$72,500	\$152,500	\$25,000	\$50,000	\$65,000	\$150,000	\$60,000	\$60,000
Natural Environments Total	\$348,750	\$254,963	\$129,696	\$130,452	\$221,231	\$142,033	\$165,859	\$146,710	\$95,086	\$170,988
Community Relationships Total	\$135,219	\$139,163	\$143,267	\$147,531	\$150,963	\$156,573	\$161,370	\$166,355	\$171,543	\$180,942
Administration Total	\$429,660	\$449,953	\$471,226	\$493,523	\$516,900	\$541,405	\$567,096	\$594,029	\$717,267	\$751,872
Total	\$1,213,879	\$1,311,236	\$1,287,617	\$1,358,270	\$1,341,867	\$1,331,470	\$1,364,753	\$1,419,078	\$1,412,631	\$1,489,488