



# Agenda

## Vermillion River Watershed Joint Powers Board Meeting

June 22, 2023, 1 p.m., in-person and teleconference via Microsoft Teams

1. Call to Order
2. Roll Call
3. Audience Comments on Items Not on the Agenda  
(please limit audience comments to five minutes)
4. Consent Agenda Action
  - a. Approval of Agenda Page 1
  - b. Approval of Minutes from the April 27, 2023, Meeting and June 8, 2023, Special Meeting Page 3
  - c. Acceptance of Treasurer's Reports Page 10
  - d. Authorization to amend the Joint Powers Agreement (JPA) with the City of Apple Valley (City) for irrigation system audits and improvements Page 11
5. Approval of Expenses Action Page 17
6. Business Items
  - a. Candidate consideration and appointment to the Vermillion River Watershed Planning Commission Action Page 19
  - b. Report on Measurable Outcomes as identified in the 2016-2025 Vermillion River Watershed Management Plan Information Page 25
  - c. Review of the process for posting and filling the position of the Vermillion River Watershed Joint Powers Organization Administrator Information Page 60
  - d. Correction to the Revised Budget of the Vermillion River Watershed Joint Powers Organization Action Page 65
7. Staff Reports
8. Adjourn Action

**Please note**, the June 22, 2023, Vermillion River Watershed Joint Powers Board meeting will take place **in-person** in Conference Room A at the Extension and Conservation Center, 4100 220<sup>th</sup> Street West, Farmington Minnesota **and via teleconference** on the web-based application, Microsoft Teams.



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## Microsoft Teams meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 232 572 147 679

Passcode: sgHo63

[Download Teams](#) | [Join on the web](#)

**Or call in (audio only)**

[+1 651-273-3070,,699974988#](#) United States, St. Paul

Phone Conference ID: 699 974 988#

### Other Information

Next Meeting Date: **July 27, 2023**, 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 Meeting

April 27, 2023, 1 p.m., In-person and Teleconference using Microsoft Teams

### Board Members in Attendance

Dakota County Commissioner Mike Slavik  
Dakota County Commissioner Mary Hamann-Roland  
Scott County Commissioner Tom Wolf  
Dakota County Commissioner Bill Droste (alternate)

### Others in Attendance

John Powell, City of Farmington, Public Works Director  
Nikki Stewart, Dakota County, Environmental Resources Department Director (virtual)  
Nigel Pickering, (virtual)  
Jennifer Wolf, Assistant Dakota County Attorney, VRWJPO Counsel  
Travis Thiel, Dakota County, VRWJPO Senior Watershed Specialist  
Brita Moore-Kutz, Dakota County, VRWJPO Communications and Outreach Specialist  
Mark Zabel, Dakota County, VRWJPO Administrator

### 1. Call to Order

Meeting was called to order at 1 p.m.

### 2. Roll Call

Commissioners Slavik, Hamann-Roland, and Wolf were in attendance.

### 3. Audience Comments on Items Not on the Agenda

John Powell introduced himself. John commented that he recently accepted the position as Public Works Director for the City of Farmington and looks forward to partnerships with the VRWJPO.

### 4. Approval of Consent Agenda

- a. Approval of Agenda
- b. Approval of Minutes from the March 23, 2023, Meeting
- c. Acceptance of Treasurer's Report

*Res. No. VRW 23-09: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to approve the consent agenda.*

## **5. Approval of Expenses**

Mark Zabel presented the current expenses for approval as shown on item 5. Commissioner Slavik asked if there was opportunity to change the frequency of payment of the website service invoice as the costs are always the same month to month. Zabel explained that the monthly website support costs usually remain the same but the contract allows staff to access additional services if required which would then be invoiced in that month. Zabel suggested that staff could approach the contractor about quarterly or less frequent invoicing. Commissioner Hamann-Roland suggested an annual payment. Zabel suggested possibly an annual fee for basic services and invoicing as needed for additional services. Zabel added that it might be appropriate to address this with next year's contract development. Commissioner Slavik commented that staff should look into options for next year's contract.

*Res. No. VRW 23-10: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to approve the expenses totaling \$39,117.01 incurred between March 14, 2023, and April 14, 2023.*

## **Business Items**

### **6a. Approval of proposed amendments to the Vermillion River Watershed Joint Powers Organization (VRWJPO) 2023 Budget**

Mark Zabel noted that nothing had changed from what was presented in the information item on the proposed amendments to the budget at last month's meeting. Zabel offered to go through proposed changes if Board members wished. Commissioner Slavik noted that he was not at last month's meeting but had read through the item. Zabel highlighted some areas of significant change. There were additional staff expenses added to the Research and Planning category for anticipated activities associated with the Watershed Management Plan update. Other areas of significant change are associated with grants, we have been awarded some new grants that are reflected as amendments to the budget, we also have some grants that were expected to have been complete and paid out before the end of the year but either have not been completed or have not been invoiced and those then carry over into the current budget.

*Res. No. VRW 23-11: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to approve the amendments to the VRWJPO 2023 Budget to bring the budgeted total expenses to \$3,750,680 and total revenue to \$3,966,750 with a cash reserve of \$216,070.*

### **6b. Authorization to submit 2022 Vermillion River Watershed Joint Powers Organization (VRWJPO) Annual Activity Report and Financial Statement to the Minnesota Board of Water and Soil Resources (BWSR)**

Brita Moore-Kutz relayed that she had prepared this year's report. The Draft Annual Activity Report is available in the Board Packet. It details how monies and VRWJPO staff time were spent over the course of the past year as well as information on the programs and projects that

were worked on in the past year. Brita highlighted specific projects, events, and activities. Brita commented that the report will be provided to BWSR and will be available on the VRWJPO website and that it is intended that the report both provide factual information on the activities of the VRWJPO as well as context to make it digitally accessible for screen readers. Commissioner Hamann-Roland commented that she read the draft report and was impressed with the content. Brita commented that last year's report received positive comments from BWSR staff and hopes that this report will also be positively received.

*Res. No. VRW 23-12: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to authorize staff to submit the final 2022 Annual Activity Report and Financial Statement to BWSR on or before April 30, 2023.*

#### **6c. Authorization to Amend the Joint Powers Agreement with the City of Rosemount for Irrigation System Audits and Improvements**

Travis Thiel noted that this is a procedural change, the financial contributions of each organization is not changing, the way that duties are carried out by each organization is changing. The VRWJPO has been overseeing the irrigation audits and financial assistance for improvements. The change to the process is that the City will oversee the financial assistance part of the process while the VRWJPO will continue to oversee the irrigation audit process. This change will result in a gain in efficiency for both the VRWJPO and City. Commissioner Slavik asked if the VRWJPB might see similar requests from other cities participating in the program. Travis responded that the City of Apple Valley is going to pursue a similar change to their Joint Powers Agreement and that the City of Lakeville is going to terminate their Joint Powers Agreement and will pursue the program independently as a City supported program.

*Res. No. VRW 23-13: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to authorize the execution of an amendment to the Joint Powers Agreement with the City of Rosemount for irrigation system audits and improvements.*

#### **Staff Reports**

Travis Thiel

Travis reported that the City of Rosemount is constructing a new Public Works and Police Campus north of their existing City Hall. The VRWJPO has been in conversation with the City on plans for this new development regarding possible participation on projects to capture and reuse rainwater/ stormwater and projects to capture and infiltrate stormwater. The proposed rainwater/ stormwater reuse would capture water for use in truck and equipment washing where the washwater would then discharge to sanitary sewer for treatment. Although there is value to this practice for the reduction of accessing municipal water supply and groundwater for this use, it does not provide benefit of volume reduction or treatment similar to capture and reuse in irrigation systems on soils that do not have high infiltration capacity and so the VRWJPO is not offering to cost share on this practice. The project to capture and infiltrate stormwater that goes above and beyond VRWJPO standards has a higher benefit for

stormwater management and treatment for the VRWJPO and so is a consideration for possible cost share. Staff have offered \$25,000 as a potential cost share to this project and are awaiting response from the City. Commissioner Hamann-Roland asked if there was value in the reuse system as a demonstration project. Travis noted that there is the possibility of Dakota County supporting the project through the Groundwater Plan and could possibly be funded as a future project (2024), an advantage of this project is that it is relatively modular and could be added at a later date at approximately the same cost level.

#### Brita Moore-Kutz

Brita reported that outside of the Annual Report her work of late has been focused on Earth Day and Earth Month. Although Earth Month is concluding in a few days there are still activities scheduled in the near term. Several cities will be celebrating Arbor Day tomorrow. Brita tabled at the City of Lakeville's Earth Day event which was attended by Commissioners Droste and Holberg as well. Brita promoted the Adopt-A-Drain program and provided samples of macroinvertebrates for peoples viewing and inspection.

Brita and Travis coordinated with teachers and students at the School of Environmental Studies to plant some flowering shrubs at the completed stormwater treatment project at Dakota County Road 50 and Jaguar Avenue in Lakeville. It rained at the event but students were still enthusiastic and also picked up trash at the site. We are likely to identify and coordinate on similar events in the future. Commissioner Hamann-Roland noted that the event was recognized both in social media and was also picked up in the local newspaper. Brita commented that the event was posted to the VRWJPO Instagram immediately following the event and that posting received 240 likes, which is a high for the VRWJPO Instagram.

#### Mark Zabel

Mark mentioned that at last month's meeting there was discussion about planning for the VRWJPO Tour. Soon after that meeting, the VRWJPO was approached by the Minnesota Board of Water and Soil Resources (BWSR) with a request to potentially coordinate the Annual Tour for the BWSR Board. Staff discussed this potential with BWSR staff and suggested holding a combined tour with the VRWJPO thus those who normally would be invited on the VRWJPO Tour would be invited to participate on the same tour with the BWSR Board. BWSR staff were supportive of this approach. The difference between the BWSR tour and the VRWJPO tour is that the BWSR tour is normally a full day event whereas the VRWJPO is normally a half day. We will plan to coordinate with BWSR, the SWCDs, and partners on the selection of tour stop sites. We do not need to confine ourselves to only sites within the VRWJPO and so sites may be selected within the surrounding area. Commissioner Droste suggested that the Dakota County Board had recently toured Byllesby Dam and that was very interesting. Zabel noted that the dam may not be of particular interest to the BWSR Board as a tour site as the BWSR Board will visit projects and practices that are promoted and implemented through BWSR. Zabel also mentioned that the date for the combined tour would be Wednesday, August 23, 2023, which is changed from what was discussed at the last VRWJPB meeting.

Zabel mentioned that several months previously there was some discussion with the VRWJPB about options for the Vermillion River Watershed Planning Commission (WPC) to try to address issues of membership, recruitment, and possibly changing the structure of the WPC to make membership more attractive. Unfortunately, the things that are open to change for the WPC are limited to place or time of the meeting but to get into the actual structure of the WPC it would require amending the empowering joint powers agreement of the VRWJPO. An amendment of to the empowering joint powers agreement would require processing it through the respective County Boards for approval. One of the things that had been suggested by WPC members was the removal of term limits. It was suggested that members terms would remain and serving members could stay on until such time as there was new applicants and members may be willing to give up their seat. Commissioner Slavik asked if members could come back on after having been off as a member. Commissioner Slavik added that he is not in favor of unlimited terms. Zabel described that the current terms are three-year terms and members are eligible to serve two consecutive three-year terms. If an applicant is appointed to fill a vacancy during an incumbent term they are allowed to complete that term and serve two full terms following that incumbent term. Zabel also answered that they can return and that has happened in the past. They must vacate their seat after serving their full eligibility but can apply to new openings after having left membership. Commissioner Hamann-Roland clarified that this approach does allow members to return and does not preclude them from ever serving again after completing a seat's two term eligibility. Zabel reported that the VRWJPO has received an application for the last vacant seat for Dakota County on the WPC and that with appointment of that candidate the Dakota County member seats on the WPC will be filled. Commissioner Slavik asked if elected officials are allowed to serve on the WPC and also expressed concerns about situations where a potential conflict of interest could emerge if a member was voting on a contract or project that would benefit the member or an entity they represent. Travis Thiel noted that elected officials have served on the WPC in the past and so there is precedent. Travis also noted that the WPC discussion about terms was in the context of being able to maintain a quorum for meetings and less about unlimited service. Counsel Jennifer Wolf indicated that where a potential conflict of interest is in consideration a member would need to recuse themselves if their represented entity or personal interest would stand to benefit from a decision. In returning to discussion about WPC terms Brita added that WPC members had also suggested that, when a term is coming to conclusion, staff make a concerted effort to recruit applicants beginning several months before the potential vacancy. Commissioner Slavik commented that the VRWJPO should pursue better management of the opportunities to serve as a member of the WPC, provide greater communication with sitting members about when their terms end and if they wish to continue, pursue more strenuous recruitment when an opening is anticipated, etc. Commissioner Slavik then asked if the WPC is required to hold meetings in person or if a virtual attendance option is available. Counsel asked staff if the role of the WPC was that of final decision or recommendation only. Zabel responded that the WPC only provides recommendations to the VRWJPB for their decision. Currently the VRWJPO does provide for virtual attendance to witness and participate but those attending virtually are not allowed a vote. Commissioner Slavik asked staff to look into whether a virtual option is allowed and report back to the VRWJPB.



Commissioner Hamann-Roland returned to the discussion on the tour and noted that she and Commissioner Wolf would not be available for the entire day on August 23<sup>rd</sup> as they would be attending a meeting of the Mosquito Control District. They would be available in the afternoon.

Zabel reported that Minnesota Watersheds (what had been the Minnesota Association of Watershed Districts) had once again solicited the VRWJPO to join in membership in their organization. The VRWJPO has been solicited for membership in the past and discussion with the VRWJPB previously had brought up concerns that the VRWJPB being comprised of county commissioners may potentially have issues with advocacy by Minnesota Watersheds if it conflicts with Association of Minnesota Counties or individual county platforms. Commissioner Hamann-Roland asked what benefits might be provided to the VRWJPO through membership. Zabel responded that Minnesota Watersheds does offer trainings that would be available to the VRWJPO staff and Board members, they also provide some coordination activities such as discussion forums and seminars. Commissioner Slavik noted that the VRWJPO is structured uniquely in that staff, counsel, and fiscal management are supplied by the counties.

Zabel reported on the status of filling the vacant Water Resources Engineer position for the VRWJPO. There have been few qualified applicants to date. Zabel suggested that he will plan to interview from among the qualified candidates. The listing remains open for applications.

Melissa Bokman-Ermer provided notes to Mark Zabel for an update on the Niagara Bottling proposal and its status. Currently the Minnesota Department of Natural Resources (DNR) has delayed addressing the City of Elko-New Market's request for an amendment to their appropriation permit as they deal with an issue with Blaine's appropriations. Commissioner Wolf asked if there is any requirement that limits the time allowed for DNR to respond. Zabel responded that Melissa is looking into that but hadn't found a reference yet. Zabel also reported that the City Attorney and City Council have had discussions on amendments to the City code to address potential future large water users. We don't know what the content of that would be. The City has also drawn up a draft contract with Niagara Bottling about their water use, but we don't know what is in that contract. The City may be willing to share that information in future.

Zabel announced that he is planning to retire as of July 14, 2023. Commissioner Slavik congratulated Mark and expressed appreciation that some lead time is provided.



**Adjourn**

*Motion by Commissioner Wolf, Second by Commissioner Hamann-Roland and passed on a 3-0 vote to adjourn the meeting at 1:49 p.m.*

Next Meeting Date: Thursday, May 25, 2023, at 1:00 p.m. in Conference Room A at the Dakota County Extension and Conservation Center, 4100 220<sup>th</sup> Street West, Farmington, MN.

Respectfully submitted by

Mark Zabel

Administrator for the Vermillion River Watershed Joint Powers Organization

Attest

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Commissioner

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Secretary/ Treasurer

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Date



## 2023 Vermillion River Watershed Joint Powers Organization Treasurer's Report

June 2023 - Vermillion River Watershed Joint Powers Board Meeting

	<u>Budget Amounts</u>	<u>Expenses to Date</u>	<u>Expenses Pending</u>	<u>Account Balance</u>
A. Administration & Operations (601-5010001-00000000)	\$ 240,500.00	\$ 56,468.51	\$ 14,092.79	\$ 169,938.70
B. Research & Planning (601-5010001-50100130)	\$ 41,600.00	\$ 1,916.88	\$ 733.65	\$ 38,949.47
C. Monitoring & Assessment (601-5010001-50100230)	\$ 156,900.00	\$ 29,654.96	\$ 6,779.04	\$ 120,466.00
D. Public Communications & Outreach (601-5010001-50100330)	\$ 167,900.00	\$ 53,258.13	\$ 9,566.11	\$ 105,075.76
E. Irrigation and Irrigation Audit (601-5010001-50100431)	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00
F. Regulation (601-5010001-50100530)	\$ 55,900.00	\$ 4,703.00	\$ 376.11	\$ 50,820.89
G. Coordination & Collaboration (601-5010001-50100531)	\$ 50,600.00	\$ 7,241.20	\$ 2,217.12	\$ 41,141.68
H. Feasibility/Preliminary Studies (601-5010001-50100631)	\$ 220,000.00	\$ 22,188.24	\$ 3,309.11	\$ 194,502.65
I. Capital Improvement Projects (601-5020001-50200130)	\$ 480,920.00	\$ 58,381.51	\$ 1,955.64	\$ 420,582.85
J. CWF BWSR- Watershed Grant (601-5010001-50100848)	\$ 12,000.00	\$ 5,927.12	\$ 81.52	\$ 5,991.36
K. WBIF Grant (BWSR) 2020-2023 North Creek (601-5010001-50100853)	\$ 387,500.00	\$ 163.03	\$ -	\$ 387,336.97
L. WBIF Grant (BWSR) 2020-2023 Farmington Direct (601-5010001-50100854)	\$ 30,030.00	\$ -	\$ -	\$ 30,030.00
M. WBIF Grant (BWSR) 2020-2023 Hastings Direct (601-5010001-50100855)	\$ 30,030.00	\$ 896.68	\$ -	\$ 29,133.32
N. WBIF Grant (BWSR) 2020-2023 Ravenna Basins (601-5010001-50100856)	\$ -	\$ 81.51	\$ -	\$ (81.51)
O. Lakeville East Lake Restoration (601-5010001-50100858)	\$ 93,000.00	\$ 39,254.67	\$ 611.37	\$ 53,133.96
P. CWF Comp Grant (BWSR) Foxborough TSS (601-5010001-50100859)	\$ 376,500.00	\$ 733.64	\$ 81.52	\$ 375,684.84
Q. CWF Comp Grant (BWSR) Ravenna Trail (601-5010001-50100860)	\$ 545,000.00	\$ -	\$ -	\$ 545,000.00
R. 2022-2023 WBIF Grant (BWSR) Middle Creek (601-5010001-50100861)	\$ 363,000.00	\$ -	\$ -	\$ 363,000.00
S. 2022-2025 WBIF Grant (BWSR) Alimagnet Alum (601-5010001-50100863)	\$ 45,000.00	\$ -	\$ 1,945.00	\$ 43,055.00
T. 2023 CWF Competitive Grant (BWSR) East Lake (601-5010001-50100863)	\$ 337,500.00	\$ -	\$ 5,805.28	\$ 331,694.72
R. Wetland Bank (601-5010001-50100930)	\$ 189,800.00	\$ -	\$ -	\$ 189,800.00
<b>VRW JPO Revised Budget Expense TOTAL</b>	<b>\$ 3,843,680.00</b>	<b>\$ 280,869.08</b>	<b>\$ 47,554.26</b>	<b>\$ 3,515,256.66</b>

**Budget Funding Sources**

Wetland Bank	\$189,800.00
CIP Reserve	\$226,800.00
CIP Reserve Grant Match	\$136,660.00
Fund Balance from Underspending in Previous Year	\$271,810.00
Grant Carryover	\$12,000.00
CWF Grant (BWSR) Competitive 2022	\$841,500.00
CWF Grant (BWSR) Competitive 2023	\$300,000.00
CWF Grant WBIF (BWSR) 2020-2023	\$487,180.00
CWF Grant WBIF (BWSR) 2022-2025	\$396,000.00
CPL Grant (DNR) 2022-2025	\$90,000.00
Fee's on Permitting Activities	\$1,000.00
Dakota County Levy	\$964,900.00
Scott County Levy	\$35,100.00
Investment Earnings	\$14,000.00

**Total** \$3,966,750.00

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**4d. Authorization to Amend the Joint Powers Agreement with the City of Apple Valley for Irrigation System Audits and Improvements**

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Meeting Date: 6/22/2023  
Item Type: Consent-Action  
Contact: Travis Thiel  
Telephone: 952-891-7546  
Prepared by: Travis Thiel

**PURPOSE/ACTION REQUESTED**

- Authorization to amend the Joint Powers Agreement (JPA) with the City of Apple Valley (City) for irrigation system audits and improvements

**SUMMARY**

Vermillion River Watershed Joint Powers Organization (VRWJPO) staff request the Vermillion River Watershed Joint Powers Board (VRWJPB) amend the JPA with the City for irrigation system audits and improvements. The VRWJPO entered into a JPA with the City for irrigation system audits and improvements at homeowner associations (HOAs) in 2022. It's been determined that it would be more efficient to have the City coordinate and oversee the irrigation system improvements while the VRWJPO coordinates and oversees the irrigation system audits.

**EXPLANATION OF FISCAL/FTE IMPACT**

It is expected there will be a decrease in VRWJPO staff hours for the program.

**Supporting Documents:**

Attachment A: JPA Amendment with Apple Valley for Irrigation System  
Audits and Improvements

**Previous Board Action(s):**

VRW 22-13

**RESOLUTION****4d. Authorization to Amend the Joint Powers Agreement with the City of Apple Valley for Irrigation System  
Audits and Improvements**

**WHEREAS**, in 2022, the Vermillion River Watershed Joint Powers Organization (VRWJPO) entered into a Joint Powers Agreement (JPA) with the City of Apple Valley (City) for cooperation on an irrigation system audit and improvement program; and

**WHEREAS**, VRWJPO staff was the primary coordinator for the program elements; and

**WHEREAS**, it's been determined that it would be more efficient to have the City coordinate and oversee the improvement portion of the program; and

**WHEREAS**, the VRWJPO would continue to coordinate and oversee irrigation system audits; and

**WHEREAS**, the change in program responsibilities requires an amendment to the JPA in order to identify each party's responsibilities and address the flow of financial assistance for each portion of the overall program.

**NOW, THEREFORE, BE IT RESOLVED**, that the Vermillion River Watershed Joint Powers Board (VRWJPB) authorizes the execution of an amendment to the Joint Powers Agreement with the City of Apple Valley for irrigation system audits and improvements.

**FIRST AMENDMENT TO THE JOINT POWERS AGREEMENT FOR  
IRRIGATION SYSTEM AUDIT AND IMPROVEMENT PROGRAM  
BETWEEN THE VERMILLION RIVER WATERSHED JOINT POWERS ORGANIZATION  
AND  
THE CITY OF APPLE VALLEY**

**WHEREAS**, Minn. Stat. § 471.59 authorizes local governmental units to exercise any power common jointly or cooperatively to the contracting parties; and

**WHEREAS**, the Vermillion River Watershed Joint Powers Organization is a watershed management body consisting of Dakota and Scott Counties (the "VRWJPO"), governed by the Vermillion River Watershed Joint Powers Board (the "VRWJPB"), and is charged with carrying out the duties set forth in Minn. Stat. § 103B.211 to 103B.255 and as otherwise provided by law; and

**WHEREAS**, effective September 30, 2022, the City of Apple Valley and Vermillion River Watershed Joint Powers Organization, entered into a joint powers agreement for irrigation system audit and improvement program and see to modify the agreement; and

**ACCORDINGLY**, the Parties agree to amend the Agreement as follows:

1. Section 5.2 of the Agreement is deleted in its entirety and replaced with the following:

5.2 An applicant for reimbursement for the cost of Improvements is eligible for the reimbursement of eighty percent (80%) of the cost of replacement up to a maximum of \$2,400.00.

2. Section 5.3 of the Agreement is deleted in its entirety and replaced with the following:

5.3 An applicant for the reimbursement for the Improvement is responsible for hiring a contractor to perform the replacement.

3. Section 6.1 of the Agreement is deleted in its entirety.

4. Section 6.2 of the Agreement is deleted in its entirety and replaced with the following:

6.2 The VRWJPO will hire the contractor necessary to perform the Audits and will act as the paying agent for the Audit contractor.

5. Article 7 of the Agreement is deleted in its entirety and replaced with the following:

7.1 The City will create an application for the Audits and Improvements and administer all contracts and function as the paying agent for Improvements.

7.2 The City will reimburse the VRWJPO up to a maximum of \$23,500.00 (Grant fundings) for Audits and Improvements.

7.3 The City will reimburse the VRWJPO up to a maximum of \$5,000.00 (City funds) for Audits and Improvement.

7.4 For each Audit the City will reimburse 80% of the Audit cost with Grant funds, after deducting the application fee from the total cost.

7.5 For each Audit in the District, the City will reimburse 50% of the remaining cost of the Audit with City

funds after deducting the application fee and Grant funds from the total cost.

7.6 For each Audit Project outside the District, the City will reimburse 100% of the remaining cost of the Audit with City funds after deducting the application fee and Grant funds from the total cost.

7.7 The City shall be responsible for 8% of the cost of Improvements within the District up to \$240.00 per applicant.

7.8 Upon confirmation by the City of VRWJPO payment to a contractor or applicant as provided for herein, the City shall reimburse the VRWJPO.

7.9 The City may refuse to pay claims not specifically authorized by this Agreement. Payment of a claim shall not preclude the City from questioning the propriety of the claim.

7.10 VRWJPO shall repay to the City any overpayment, disallowed claim, or costs not authorized under this Agreement.

8. Section 10.2 of the Agreement is deleted in its entirety and replaced with the following:

10.2 **LIAISONS.** To assist the parties in the day-to-day performance of this Agreement and to ensure compliance and provide ongoing consultation, a liaison shall be designated by the VRWJPO and the City. The VRWJPO and the City shall keep each other continually informed, in writing, of any change in the designated liaison. At the time of execution of this Agreement, the following persons are the designated liaisons:

VRWJPO Liaison: Travis Thiel  
Telephone: (952) 891-7546  
Email: [travis.thiel@co.dakota.mn.us](mailto:travis.thiel@co.dakota.mn.us)

City Liaison: Wendy Davis, Public Works  
Administrative Coordinator  
Telephone: (952) 953-2402  
Email: [Wendy.Davis@applevalleymn.gov](mailto:Wendy.Davis@applevalleymn.gov)

9. Section 12.2 of the Agreement is deleted in its entirety and replaced with the following:

12.1 **TERMINATION BY EITHER PARTY FOR LACK OF FUNDING.** Notwithstanding any provision of this Agreement to the contrary, VRWJPO or the City may immediately terminate this Agreement if it does not obtain funding from the Minnesota Legislature, Minnesota Agencies, or other funding sources, or if its funding cannot be continued at a level sufficient to allow payment of the amounts due under this Agreement. The City is not obligated to pay for any services that are provided after written notice of termination for lack of funding. Neither VRWJPO or the City will not be assessed any penalty or damages if the Agreement is terminated due to lack of funding. The City will pay for expenses incurred by the VRWJPO up to any notice of termination of work on the Audits.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date(s) indicated below.

**CITY OF APPLE VALLEY**

By \_\_\_\_\_  
Clint Hooppaw or successor, Mayor  
Date of Signature: \_\_\_\_\_

By \_\_\_\_\_  
Pamela J. Gackstetter, City Clerk  
Date of Signature: \_\_\_\_\_

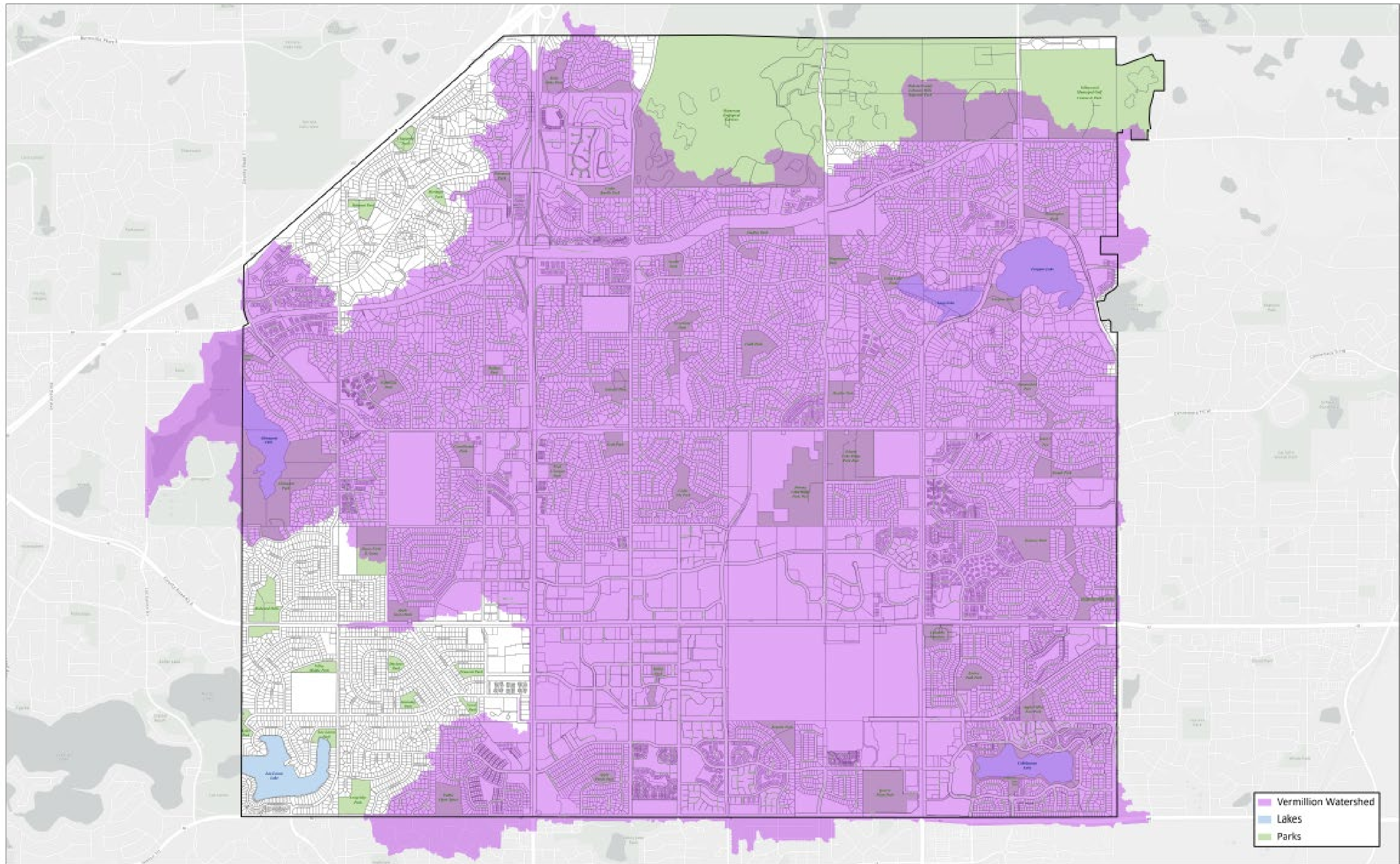
APPROVED AS TO  
FORM:

\_\_\_\_\_  
Assistant Dakota County Attorney/Date

**VERMILLION RIVER  
WATERSHED JOINT POWERS  
ORGANIZATION**

By \_\_\_\_\_  
Mike Slavik or successor, Chair  
Date of Signature \_\_\_\_\_





VERMILLION RIVER WATERSHED

CITY OF APPLE VALLEY

OVERVIEW





**Vermillion River Watershed Joint Powers Organization**

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

**Date:** June 22, 2023  
**To:** Vermillion River Watershed Joint Powers Board  
**From:** Staff  
**Subject:** Joint Powers Organization Expenses

**Agenda Item 5a**  
**June 2023**

Expenses from the invoices submitted between March 14, 2023 and April 14, 2023 totalled \$39,117.01

The invoices submitted between April 14, 2023 and May 16, 2023 total:

<b><u>Invoice</u></b>	<b><u>Vendor</u></b>		<b><u>Amount</u></b>
	Dakota County Staff	\$	32,088.80
	January 2023 Attorney Fees	\$	934.84
	February 2023 Attorney Fees	\$	666.58
PO#4513797804	144Design	\$	95.00
IN29497	Scott County	\$	1,069.26
IN29584	Scott County	\$	346.33
2023-020	Scott County Soil & Water Conservation District	\$	2,199.00
1194	Freshwater Society	\$	1,500.00
0310453	Bolton and Menk	\$	2,500.00
104541/F	Pellicci Ace	\$	19.98
PCard	MZabel: Mad Mimi Email Marketing Subscription Jan	\$	16.00
PCard	MZabel: Mad Mimi Email Marketing Subscription Feb	\$	16.00
PCard	Mzabel: Domain Name Renewal	\$	19.99
PCard	Mzabel: PCard 10 month Subscription Mad Mimi	\$	160.00
049910	Cross Nurseries	\$	337.00
<b>Total expense as approved on June 22, 2023</b>		<b>\$</b>	<b>41,968.78</b>

**Action Requested: Approve all above expenses as presented on June 22, 2023**



**Vermillion River Watershed Joint Powers Organization**

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

**Date:** June 22, 2023  
**To:** Vermillion River Watershed Joint Powers Board  
**From:** Staff  
**Subject:** Joint Powers Organization Expenses

**Agenda Item 5b**  
**June 2023**

Expenses from the invoices submitted between April 14, 2023 and May 16, 2023 totalled \$41,968.78

The invoices submitted between May 17, 2023 and June 12, 2023 total:

<b><u>Invoice</u></b>	<b><u>Vendor</u></b>		<b><u>Amount</u></b>
	DC Staff Time	\$	33,609.76
2023	Metro Childrens Water Festival	\$	600.00
23191497.00-1	Barr Engineering	\$	1,945.00
3283	DCSWCD	\$	531.67
232890	DNR	\$	4,850.00
195278	Dakota Electric	\$	5,805.28
105142/F	Pellicci Ace	\$	8.98
S979206	Core and Main	\$	203.57
<b>Total expense as approved on June 22, 2023</b>		<b>\$</b>	<b>47,554.26</b>

**Action Requested: Approve all above expenses as presented on June 22, 2023**

**6a. Candidate Consideration and Appointment to the Vermillion River Watershed Planning Commission**

Meeting Date: 6/22/2023  
Item Type: Regular-Action  
Contact: Mark Zabel  
Telephone: 952-891-7011  
Prepared by: Mark Zabel  
Reviewed by: N/A

N/A

**PURPOSE/ACTION REQUESTED**

- Candidate consideration and appointment to the Vermillion River Watershed Planning Commission

**SUMMARY**

The Joint Powers Agreement governing the Vermillion River Watershed Joint Powers Organization (VRWJPO) established a nine-member advisory Watershed Planning Commission (WPC) composed of citizens of the watershed, including eight from Dakota County and one from Scott County. Currently, vacancies exist for one citizen from Dakota County and one from Scott County.

Kevin Chamberlain, a resident of Nininger Township, Dakota County, within the Vermillion River Watershed (Attachment A) applied to serve on the WPC. The Applicant Review Panel (Chairs of the Vermillion River Watershed Joint Powers Board (VRWJPB) and the Watershed Planning Commission (WPC) and the VRWJPO Administrator reviewed the application and forwarded a recommendation of Kevin Chamberlain for consideration by the Vermillion River Watershed Joint Powers Board for appointment to the Vermillion River Watershed Planning Commission.

**EXPLANATION OF FISCAL/FTE IMPACT**

Members of the Vermillion River Watershed Planning Commission are eligible to receive a per diem of \$35 per meeting attended. Members may choose to deny receipt of per diem at their discretion.

**Supporting Documents:**

Attachment A: Kevin Chamberlain WPC Application

**Previous Board Action(s):**

- ;

**RESOLUTION****6a. Candidate Consideration and Appointment to the Vermillion River Watershed Planning Commission**

**WHEREAS**, the Joint Powers Agreement establishing the Vermillion River Watershed Joint Powers Organization (VRWJPO) authorized the Vermillion River Watershed Joint Powers Board (VRWJPB) to establish a nine-member advisory Watershed Planning Commission (WPC) composed of citizens of the watershed, eight from Dakota County and one from Scott County; and

**WHEREAS**, under the Joint Powers Agreement, the VRWJPB is authorized to make appointments to the WPC by resolution; and

**WHEREAS**, a WPC member is eligible to complete the incumbent vacant term plus two consecutive three-year terms; and

**WHEREAS**, Kevin Chamberlain has applied and been determined eligible to be appointed to serve as a Commissioner on the WPC.

**NOW, THEREFORE, BE IT RESOLVED**, that the VRWJPB hereby appoints Kevin Chamberlain to the Vermillion River Watershed Planning Commission with his first appointed term fulfilling the current term ending December 31, 2025.



Open Appointments Application for  
Citizen Advisory Committees/Commissions/Boards

Part 1: Applicant Information

Applicant Name:

☒ Mr. ☐ Mrs. ☐ Ms.

Last Name

First Name

M.I.

Home Address:

Chamberlain

Kevin

H

Street Address

City

MN  
State

Zip

Dakota  
County of Residence

Commissioner District: 1 (Leave blank if you do not know the number of your commissioner district.)

Telephone:

Cell

Business

Home

E-mail Address:

Part 2: Committee Selection

Indicate below the name of the committee(s) for which you are seeking appointment. If more than one, number them according to preference (1 being your first choice). All applicants: complete Parts 3-7. Review Parts 8-10 and complete only those that apply to the committee(s) you select below.

- |   |  |
|---|--|
| <input type="checkbox"/> Dakota-Scott Workforce Development Board | <input type="checkbox"/> Special Board of Appeal and Equalization                  |
| <input type="checkbox"/> Extension Committee                      | <input checked="" type="checkbox"/> Vermillion River Watershed Planning Commission |
| <input type="checkbox"/> Library Advisory Committee               | <input type="checkbox"/> Zoning Board of Adjustment                                |
| <input type="checkbox"/> Planning Commission                      | <input type="checkbox"/> Other:  |
| <input type="checkbox"/> Public Art Citizen Advisory Committee    |  |

Part 3: Your Rights as a Subject of Data/Applicant Declaration

Pursuant to Minnesota Statutes Chapter 13, Dakota County informs you that the following information which you are asked to provide in this application is private data: telephone numbers, fax number, residential street address, email address, business/financial interest, status as recipient of human services, and criminal record. Unless and until you are appointed to an advisory committee, this information will be available only to you and county officials who need it to perform their job duties. Furnishing this information is voluntary. Failure to provide the information requested in Parts 4-10 of this application may disqualify you from appointment to one or more advisory committees. The remainder of the information in this application is public.

State law requires your residential street address and either your email address or telephone number be made public if you are appointed to an advisory committee. Unless you indicate otherwise, Dakota County will make your email address public. If you do not have an email address, Dakota County will make your home telephone number public. You may request that both be made public or that your business telephone number instead of your home telephone number be made public.

If appointed, I request that Dakota County make public (check all that apply):

- ☒ Cell phone number:  
☒ Business phone number:  
☒ Home phone number:  
☐ E-mail address:

Kevin Chamberlain  
Signature of Applicant

April 12, 2023  
Date

**Part 4: Per Diem**

Most County Board citizen advisory committee appointees, who are not representing a governmental unit, receive \$35 per diem (but no additional expense reimbursement) for attendance at regular and special meetings of the committee. Exceptions are appointees to the Personnel Board of Appeals (\$35 per diem plus expense reimbursement for attendance), and Special Board of Appeal and Equalization (\$175 per day or \$87.50 per half-day plus mileage reimbursement). Applicants may choose to decline the per diem at the time of application.

Please check this box if you wish to decline the per diem: ☐ Decline

**Part 5: Affiliation with Dakota County**

Dakota County employees are not eligible for appointment to any citizen advisory committee, unless otherwise provided by law.

Are you an employee of Dakota County?

☐ Yes

☒ No

Individuals affiliated with Dakota County are eligible for appointment to any citizen advisory committee but do not receive preference in the appointment process and are not automatically disqualified, unless otherwise provided by law. For purposes of this policy, affiliated means (1) has a contract with Dakota County, or (2) is employed by a Dakota County contractor.

Are you currently under contract with or employed by a contractor of Dakota County?

☐ Yes

☒ No

If yes, which contractor?

**Part 6: Statement of Qualifications (You may supplement this section by attaching a resume or additional information.)**

**PLEASE NOTE:** In accordance with County policy, no paid employee of Dakota County is eligible to be appointed as a member of any citizen advisory committee unless otherwise specified by law.

Business/Employer: Self - Empl

Business Address:

Street

City

MN  
State

Zip

County  
County

Job Title: Dairy Farmer

Current Responsibilities:

Management of Livestock and diversity of crop production

Previous Work Experience: None

Vocational/Educational Background:

Degree in Professional Proficiency  
Pine City Area Vocational Technical Institute



Community Service:

Current: Dakota County SWCD supervisor  
: Oakwood Cemetery official  
: Cannon River Watershed JPB SWCD Representative

Describe your interest in serving on a citizen advisory committee:

To maintain a strong farming and food production system in Dakota County along with a viable public commerce environment, at the same time protecting our natural resources, particularly soil and water resources.

PLEASE NOTE: Some committees require additional information from applicants.  
Review Parts 8-10, and complete only those that apply to the committee(s) you selected in Part 2.

Part 7: Dakota-Scott Workforce Development Board Applicants Only

Minn. Stat. § 268.666, subd. 3, requires that local workforce councils include as members representatives of the private sector (owners of business concerns, chief executives or chief operating officers of nongovernmental employers, or other private sector executives who have substantial management or policy responsibility), organized labor, workforce and community-based organizations, educational agencies that are representative of all educational agencies within the workforce service area, vocational rehabilitation agencies, public assistance agencies, economic development agencies, and public employment service agencies.

Private sector applications must be accompanied by a letter of support from a general purpose business organization (e.g. chamber of commerce). Public sector applications must be accompanied by a letter of support from the parent agency. For further information on the Workforce Development Board, please call Dakota County Workforce Services at 651-554-5633.

Nominating Agency:

Which do you represent: (Check all that apply.)

- |   |  |
|---|--|
| <input type="checkbox"/> Private Sector/Small Business                  | <input type="checkbox"/> Public/Economic Development |
| <input type="checkbox"/> Private Sector/Large Business (>500 employees) | <input type="checkbox"/> Public/Education            |
| <input type="checkbox"/> Private Sector/Minority Business               | <input type="checkbox"/> Public/Labor                |
| <input type="checkbox"/> Public/Apprentice                              | <input type="checkbox"/> Public/Public Assistance    |
| <input type="checkbox"/> Public/Community Based                         | <input type="checkbox"/> Public/Public Employment    |
|   | <input type="checkbox"/> Public/Rehabilitation       |

Part 8: Planning Commission Applicants Only

Minnesota Statutes Section 394.30, subdivision 1, the statutory authority under which the Dakota County Planning Commission has been created, requires that: "No voting member of the commission shall have received, during the two years prior to appointment, any substantial portion of income from business operations involving the development of land within the county for urban or urban related purposes."

During the last two years, have you received any substantial portion of your income from business operations involving the development of land within Dakota County for urban or urban related purposes?

- ☐ Yes ☒ No

Part 9: Vermillion River Watershed Planning Commission Applicants Only

The Vermillion River Watershed Joint Powers Board, consisting of commissioners from Dakota and Scott Counties, makes appointments to the Watershed Planning Commission. Qualified applicants must reside in the watershed (residency will be verified upon receipt of this application) and may be elected officials. Employees of local governments located in the watershed are not eligible for appointment.

1. Are you an elected official?

- ☒ Yes ☐ No If yes, for what government entity? Dakota SWCD

2. Do you have personal or employment experience in a field related to watershed management?

- ☒ Yes ☐ No If yes, please specify relevant experience: As a farmer  
: As an SWCD supervisor

**THANK YOU!**

**Return completed form to:**

Sr. Administrative Coordinator to the Board  
Administration Center  
1590 Highway 55  
Hastings, MN 55033

Email: [board@co.dakota.mn.us](mailto:board@co.dakota.mn.us)  
Fax: (651) 438-4405

Office Use Only	
Date Received: _____	Appointment Date: _____
Date Entered: _____	Term Ended Date: _____
Appointed: <input type="checkbox"/> Yes <input type="checkbox"/> No	Retention Date: _____
Committee: _____	

**6b. Report on Measurable Outcomes as Identified in the 2016-2025 Vermillion River Watershed Management Plan**

Meeting Date: 6/22/2023  
Item Type: Regular-Information  
Contact: Brita Moore-Kutz  
Telephone: 952-891-7967  
Prepared by: Brita Moore-Kutz  
Reviewed by: N/A

N/A

**PURPOSE/ACTION REQUESTED**

- Report on Measurable Outcomes as identified in the 2016-2025 Vermillion River Watershed Management Plan.

**SUMMARY**

The 2016-2025 Vermillion River Watershed Management Plan includes a list of measurable outcomes in Section 8: Outcome Measures by Sub-goal that is used to measure general progress against the Plan Goals over the term of the Plan. The measures can be grouped into two types: activity measures that quantify the specific types and levels of efforts made by the VRWJPO and its partners to improve water resources; and resource measures that will be used to regularly assess the condition and trends in water resources as related to water quality and quantity.

VRWJPO staff have collected relevant data and information to develop a report on the Outcome Measures identified in the Plan. This report is compiled from data collected since the adoption of the Plan. VRWJPO provides periodic updates on outcome measures through the life of the Plan. An executive summary of the report is provided as an attachment (Attachment A), the full report is available on the [vermillionriverwatershed.org](http://vermillionriverwatershed.org) website.

**EXPLANATION OF FISCAL/FTE IMPACT**

No fiscal impact.

**Supporting Documents:**

Attachment A: Executive Summary of Measurable Outcomes

**Previous Board Action(s):**

- ;

**RESOLUTION****6B. Report on Measurable Outcomes as Identified in the 2016-2025 Vermillion River Watershed Management Plan**

Information only



# **Executive Summary: Measurable Outcomes Progress Update for the 2016-2025 Vermillion River Watershed Management Plan**

*Prepared by Brita Moore-Kutz*

*For the Vermillion River Watershed Joint Powers Board*

*June 22, 2023*

## Contents

Introduction .....	2
Goal A: Protect or restore water quality in lakes, streams, and wetlands .....	2
Goal B: Protect and restore groundwater quality .....	14
Goal C: Maintain a sustainable water supply.....	20
Goal D: Address more intense fluctuations (up and down) in river flow rate and volume.....	21
Goal E: Improve public awareness and stewardship of water resources .....	23
Goal F: Improve watershed resilience to changing precipitation and temperature patterns .....	28
Goal G: Protect or restore sensitive biological resources, such as plants, fish, insects, and wildlife.....	31

## Introduction

As the 2016-2025 Vermillion River Watershed Plan is implemented, the Vermillion River Watershed Joint Powers Organization (VRWJPO) is using series of outcome measurements to track progress on the Plan goals. These measures are tracked and reported to the Vermillion River Watershed Joint Powers Board (VRWJPB), VRWJPO local partners, and the public annually.

## Goal A: Protect or restore water quality in lakes, streams, and wetlands

### 1. Restore impaired waters and protect those currently not impaired

#### OUTCOME MEASURE: Water quality monitoring demonstrates a trend toward meeting water quality standards

The Vermillion River Monitoring Network was created to assess water quality and quantity in the Vermillion River Watershed. Staff with the Dakota and Scott Soil & Water Conservation Districts monitor eight locations on a biweekly basis from snowmelt (mid-March) through Nov. 1 for nitrate (NO<sub>3</sub>), phosphorus (P), dissolved oxygen (DO), total suspended solids (TSS), chloride, chlorophyll, temperature, macroinvertebrate index of biological integrity (Goal G.1), habitat health, and bacteria.

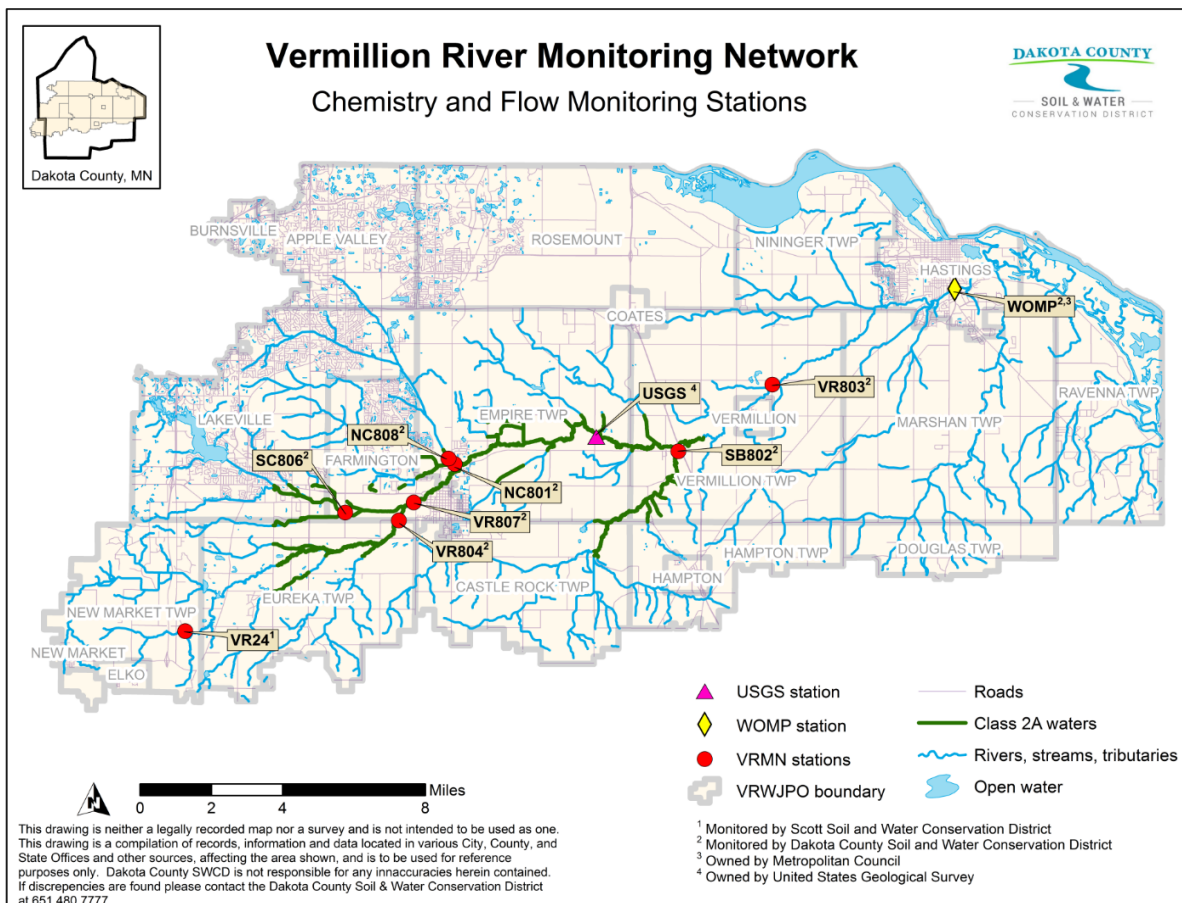


Figure 1. Vermillion River Monitoring Network station map.



## Nitrates

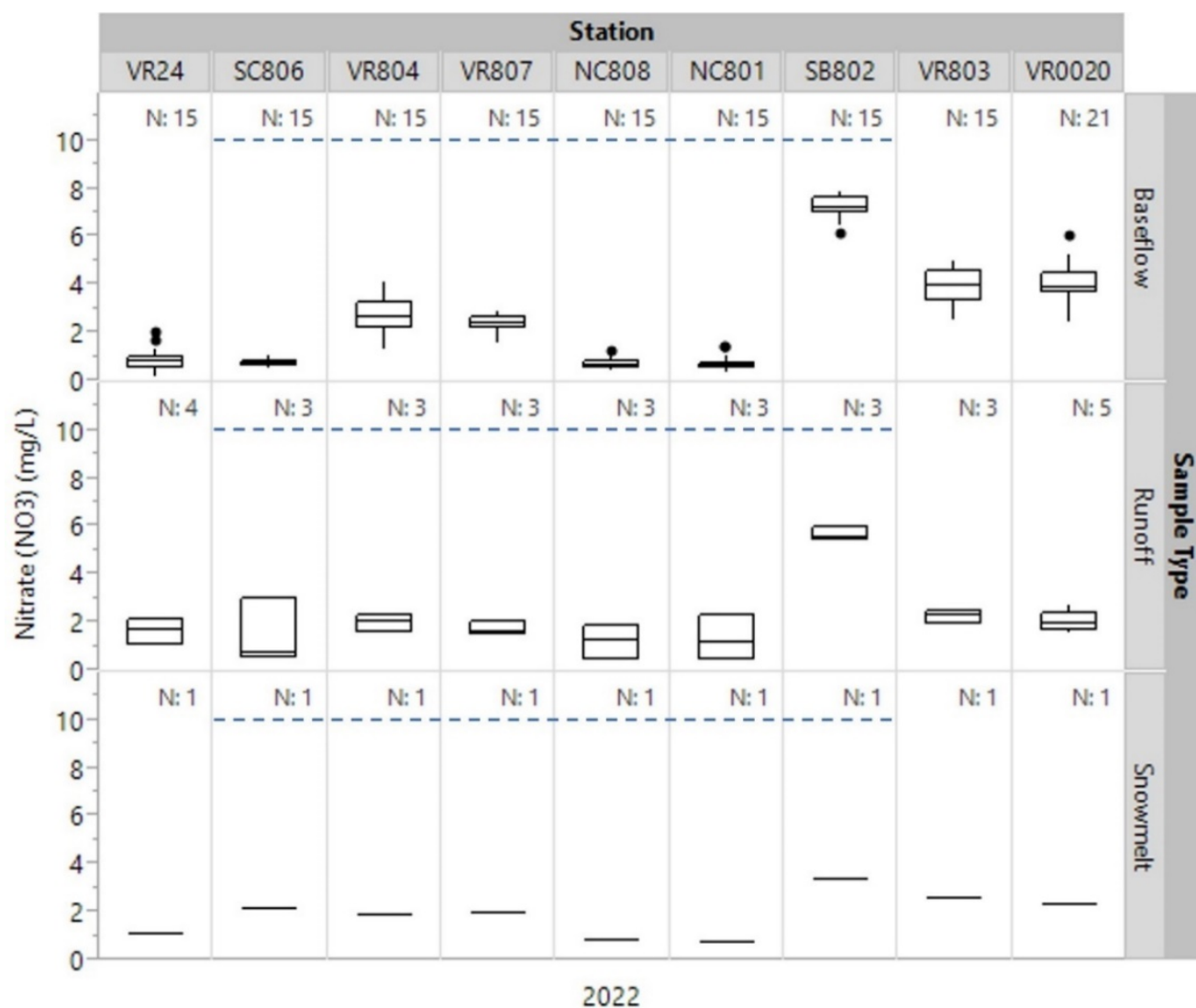


Figure 2. Nitrate nitrogen for each station, categorized by sample type, for 2022. Blue dashed line represents the domestic consumption state standard ( $\leq 10$  mg/L).

## Phosphorus

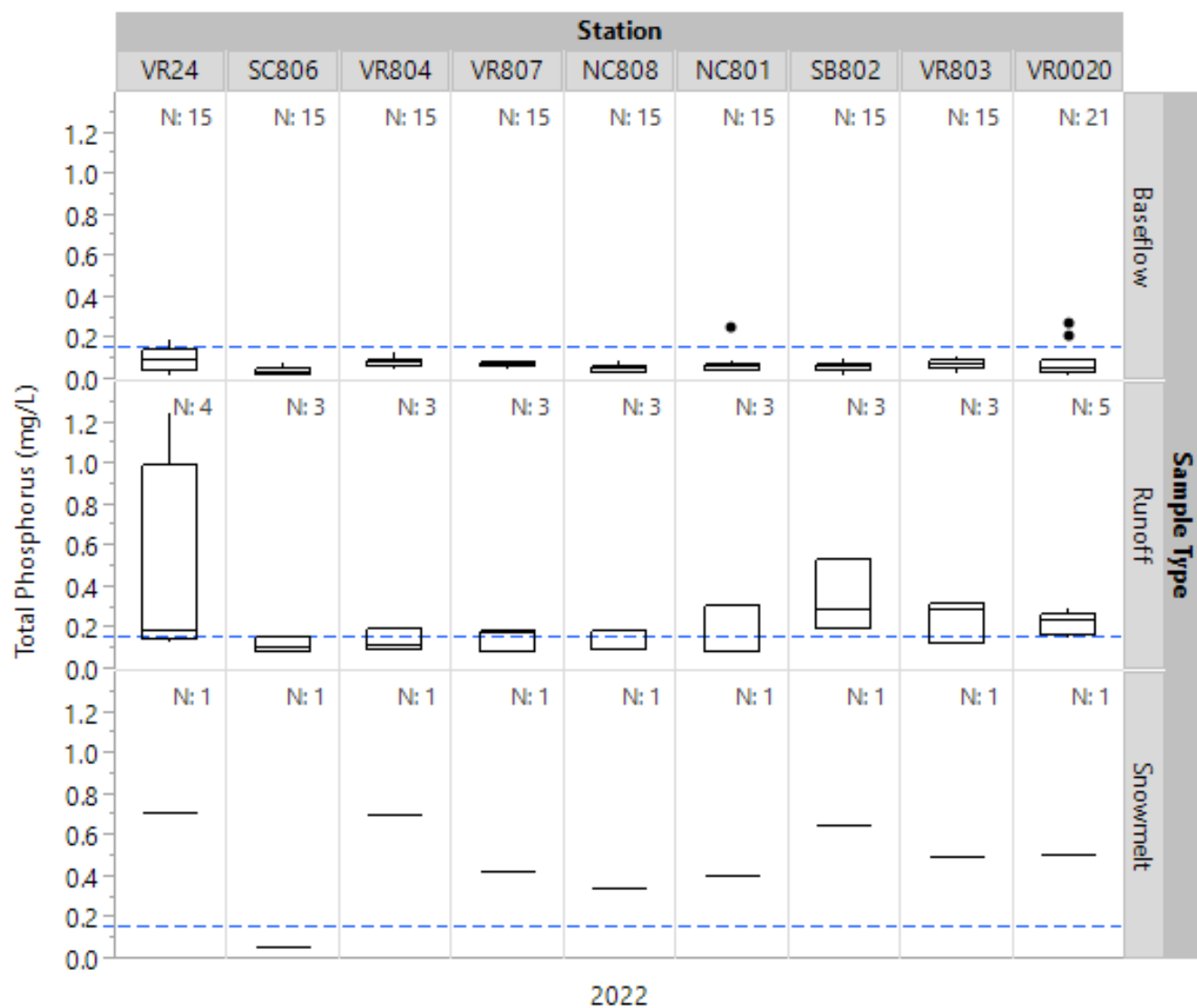


Figure 3. Total phosphorus (TP) for each station, categorized by sample type, for 2022. Blue dashed line represents the state standard for total phosphorus,  $\leq 0.15$  mg/L.

## Dissolved Oxygen

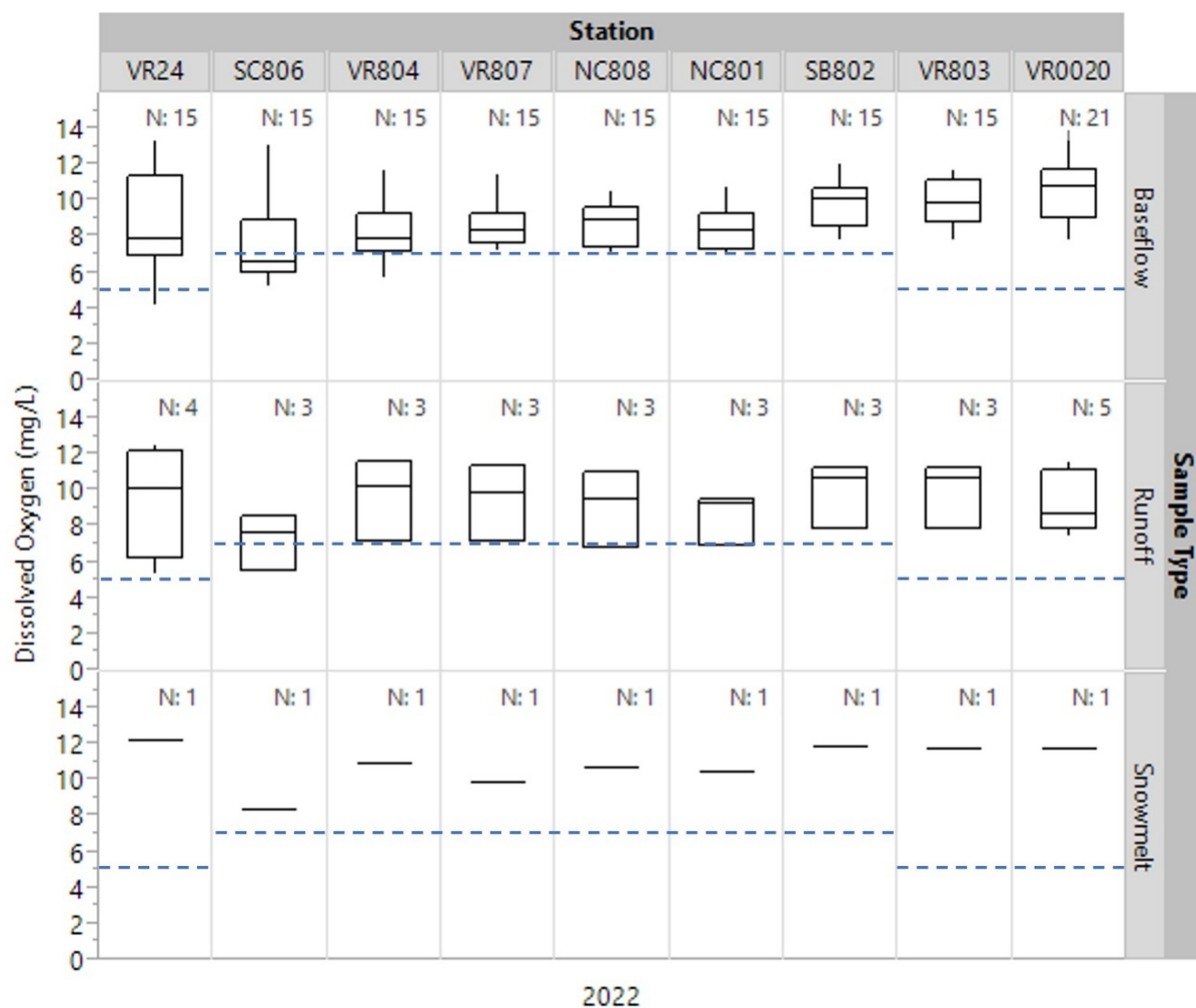


Figure 4. Dissolved oxygen for each station, categorized by sample type, for 2022. Blue dashed lines indicate standards with 7.0 mg/L (2A streams) and 5.0 mg/L (2B streams) as acceptable daily minimums.

## Total Suspended Solids

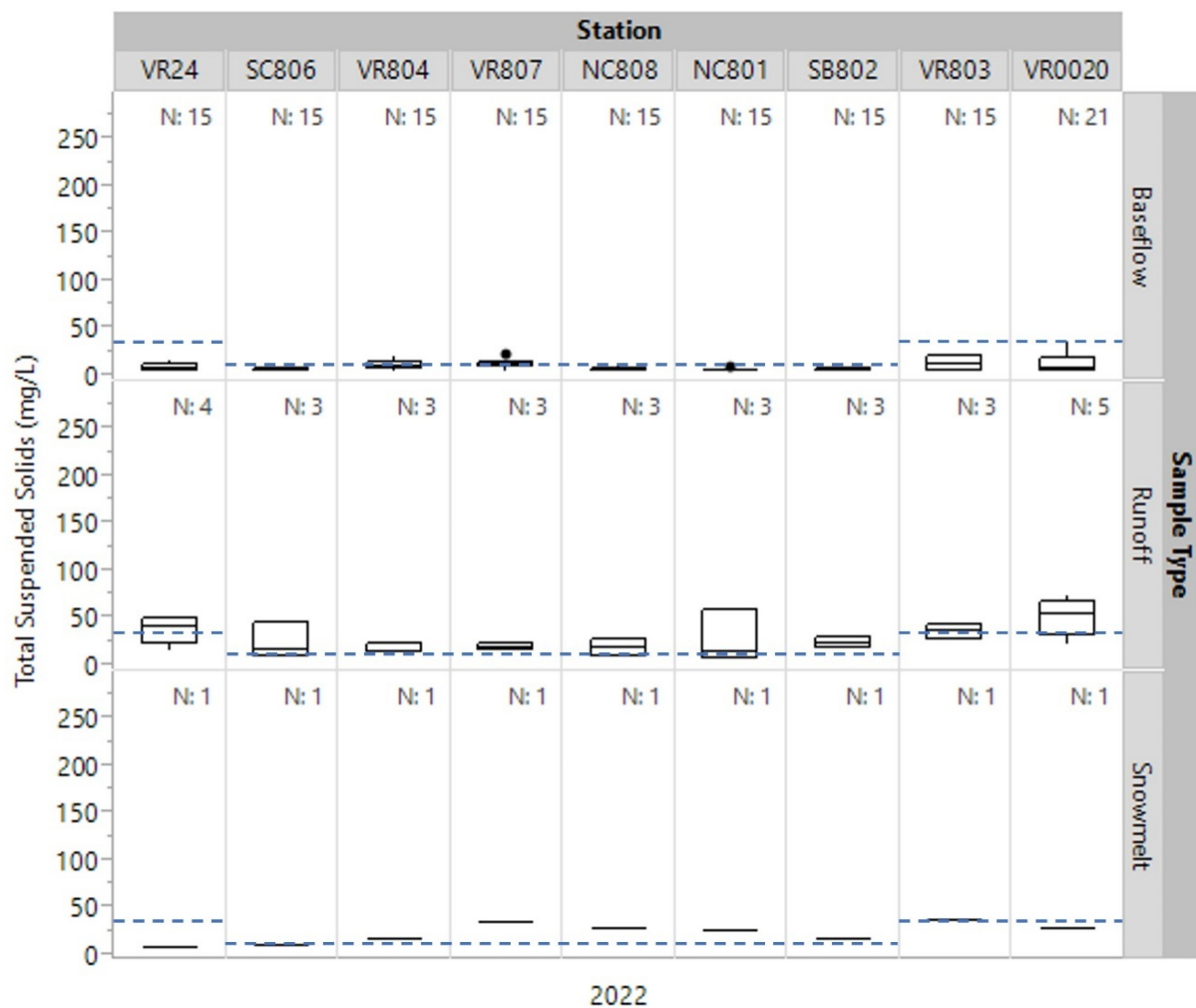


Figure 5. Total suspended solids categorized by sample type for 2022. Dashed lines represent the state standard for cold 2A ( $\leq 10$  mg/L) and warm 2B ( $\leq 30$  mg/L) waters.

## Chloride

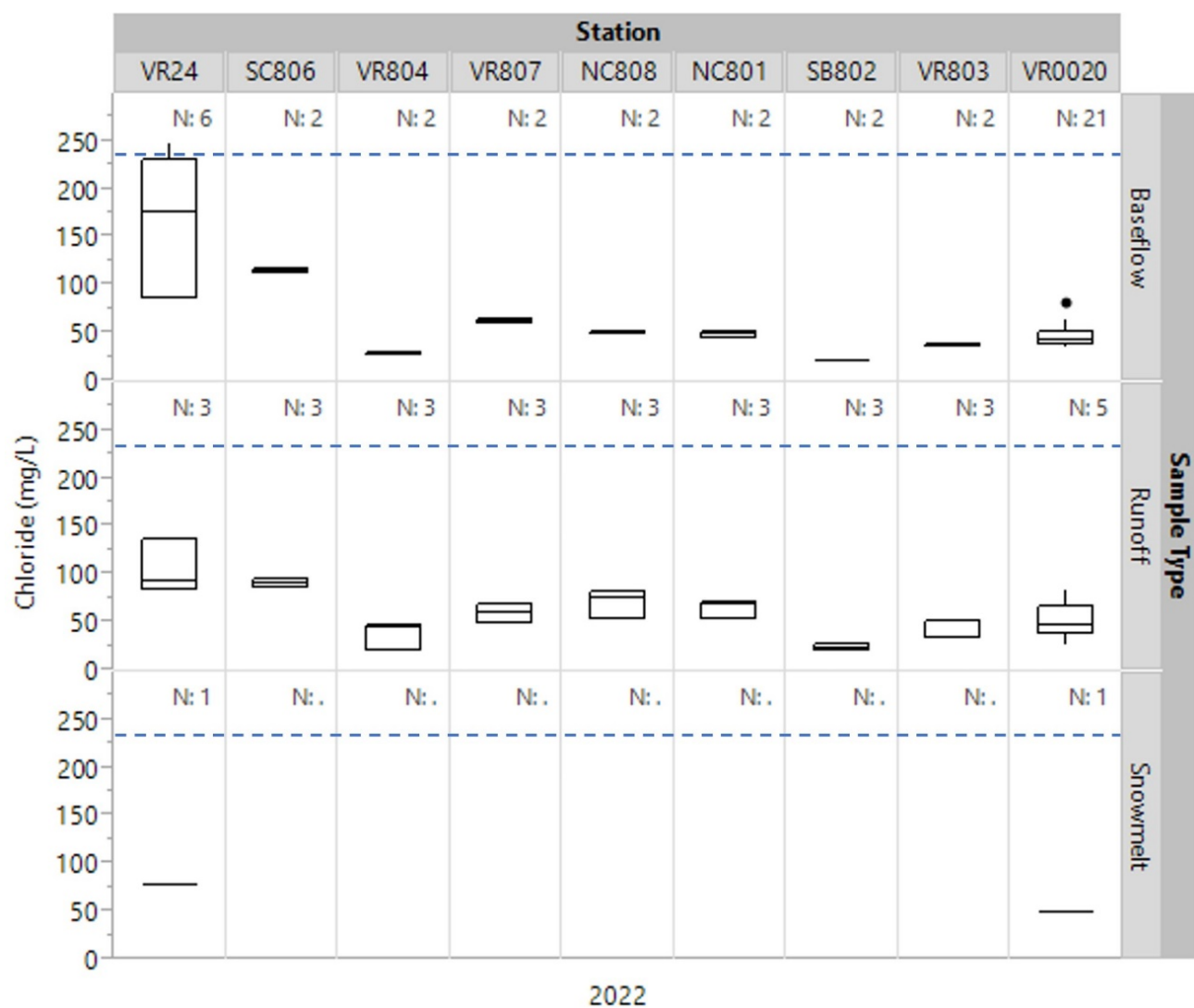


Figure 6. Chloride for each station, categorized by sample type, for 2022. Dashed lines represent the chronic state standard of 230 mg/L (two or more samples must exceed within a three-year period).

Chlorophyll-a

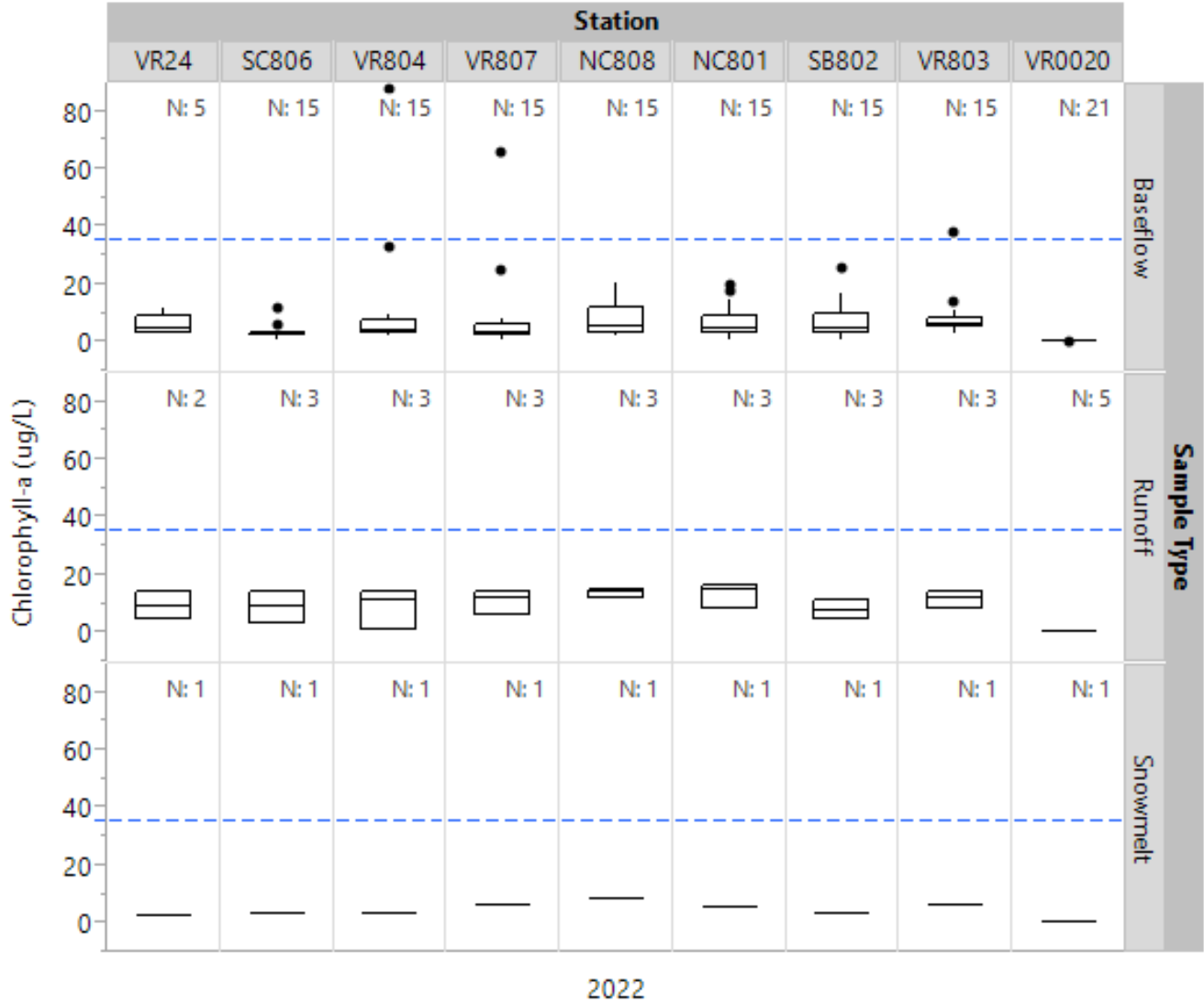
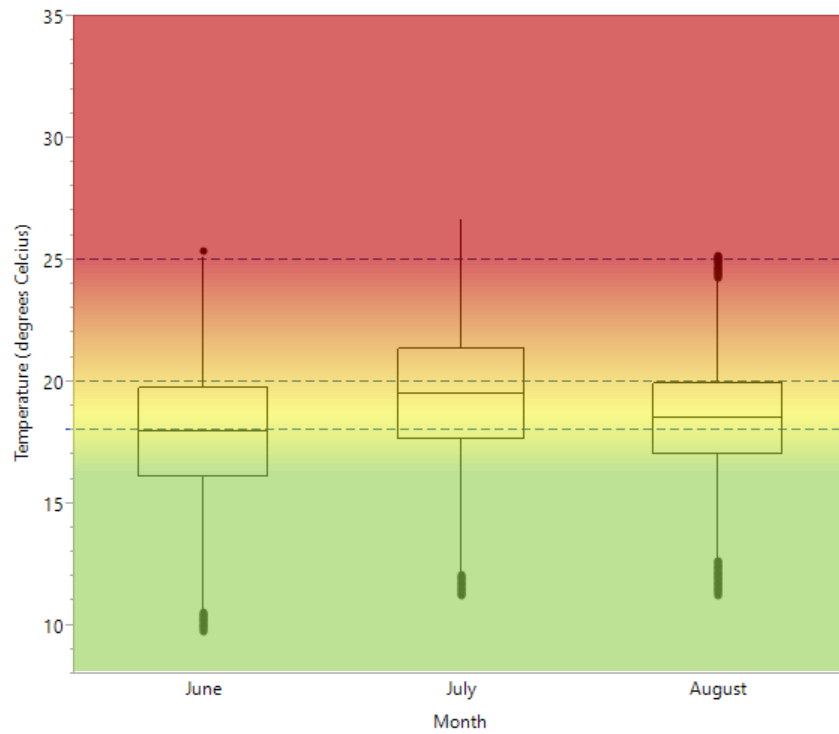


Figure 7. Chlorophyll-a, categorized by sample type, for 2022. Blue dashed lines represent the state standard of  $\leq 35$  mg/L.

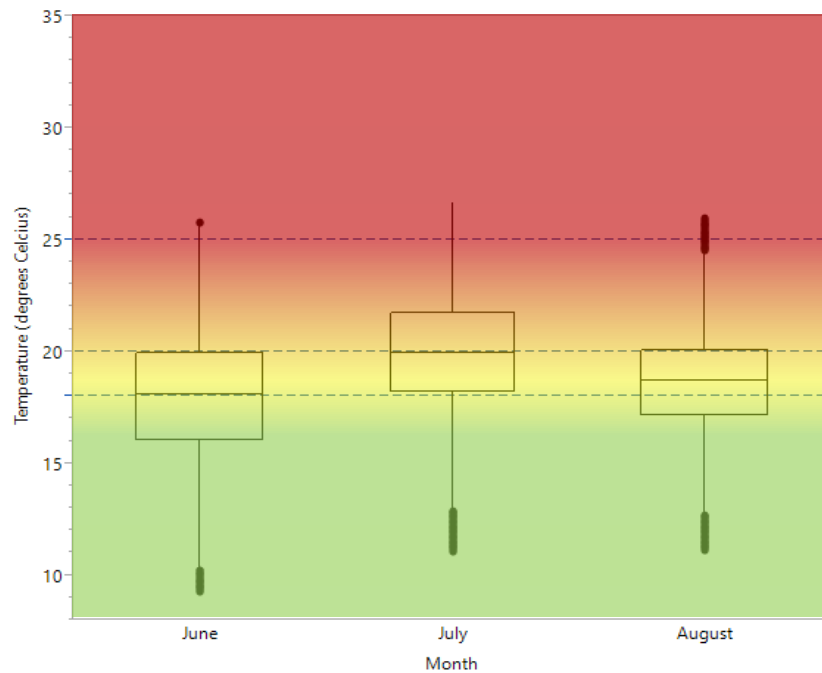
Temperature

Continuous temperature data, measured in 15-minute intervals, has been collected annually starting in 2005 for many of the sentinel monitoring stations in the Vermillion River monitoring network. The temperature data for 2022 for NC801 and NC808 shows temperature maximums were measured in the complete mortality range (red;  $> 25^{\circ}\text{C}$ ) during all summer months with the highest median water temperatures observed in July (Figures 8 and 9).

### NC801



### NC808



Figures 8 and 9. Continuous temperature data for NC801 and NC808 (coldwater stream sites) during the summer months from 2005-2022 (when available). Temperature ranges apply to adult brown trout. Optimal <18°C, tolerance 18-20°C, resistance 20-22°C, and complete mortality at 25°C (Coutant (1975), Gardner & Leetham (1914), Bell (2006))



## Bacteria

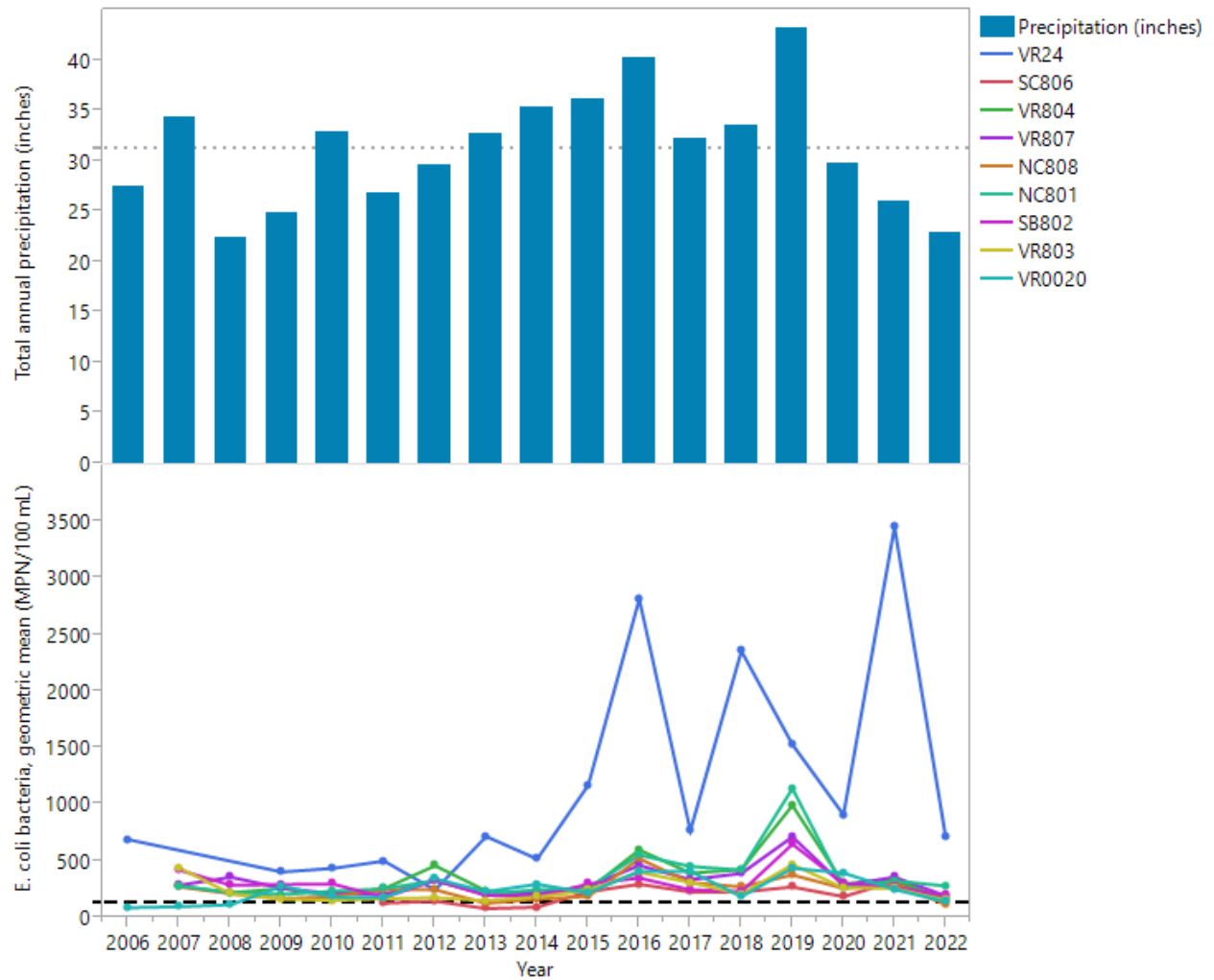
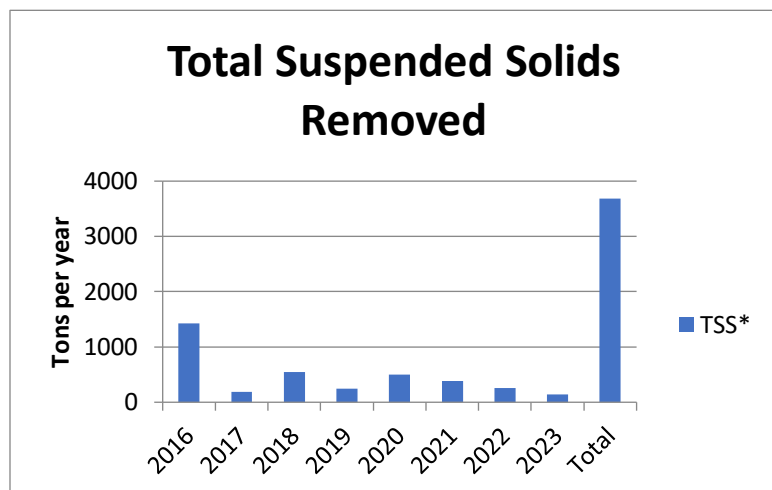


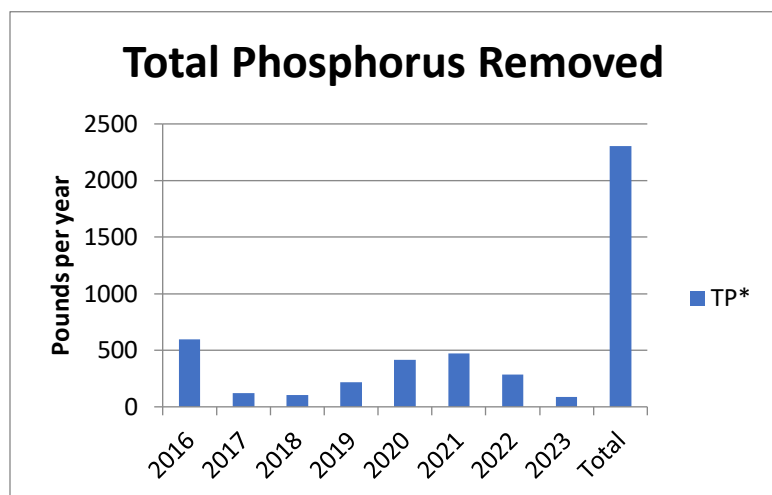
Figure 10. Annual geometric mean of *Escherichia coli* (*E. coli*) bacteria for all stations by year. MPN stands for most probable number of organisms. Black dashed line indicates the 30-day geometric mean standard (for data collected April through October) of  $\leq 126$  MPN/100 mL. Bars represent total annual precipitation for each year. Gray dotted line indicates the 30 year (1992-2021) total annual average precipitation at the Minneapolis – St. Paul airport weather station of 31.2 inches.

## 2. Reduce non-point source pollution, erosion, and sediment

**OUTCOME MEASURE: Document sediment and phosphorus reductions associated with best management practices supported by the VRWJPO**



\*Typical practices result in cumulative TSS removal



\*Typical practices result in cumulative TP removal

## 3. Protect and improve the River corridor

**OUTCOME MEASURE: Work with Dakota and Scott counties to annually document the DNR-protected waterways that have perennial vegetated buffers**

Dakota County: 236 parcels protected by buffers as of September 1, 2020, 6 parcels non-compliant with buffers as of May 18, 2022 (based on County ordinance not State Buffer law)

Scott County: 100% compliant with State Buffer Law as of June 2022

**OUTCOME MEASURE: Document areas that meet the VRWJPO buffer standard (both those that are triggered by the buffer standard and those that are not)**

Note: Only Lower, Upper, and Principle designated watercourses apply to State Buffer Law.

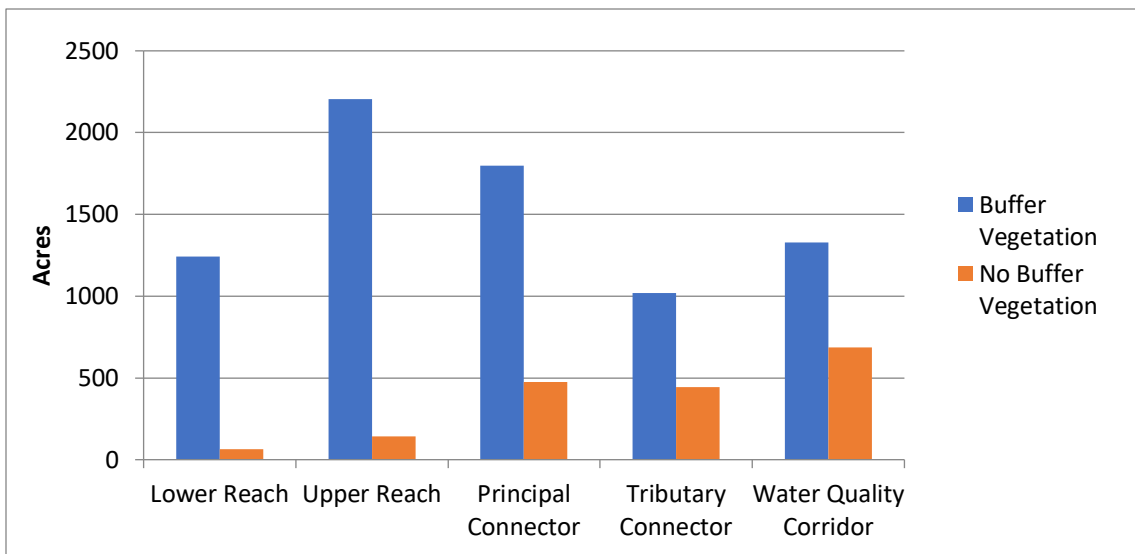
**Dakota County May 2023 (after MN State Buffer Law)**

Reach	Buffer Area (acres)	No Buffer Vegetation (acres)	Percentage Buffer Vegetation
Lower	1,240.4	61.9	95%
Upper	997.9	244	75.6%
Principle	1,797.4	593.3	67%
Tributary	1,018.7	492.2	51.7%
Water Quality Corridor	1,326.9	808.1	39.1%

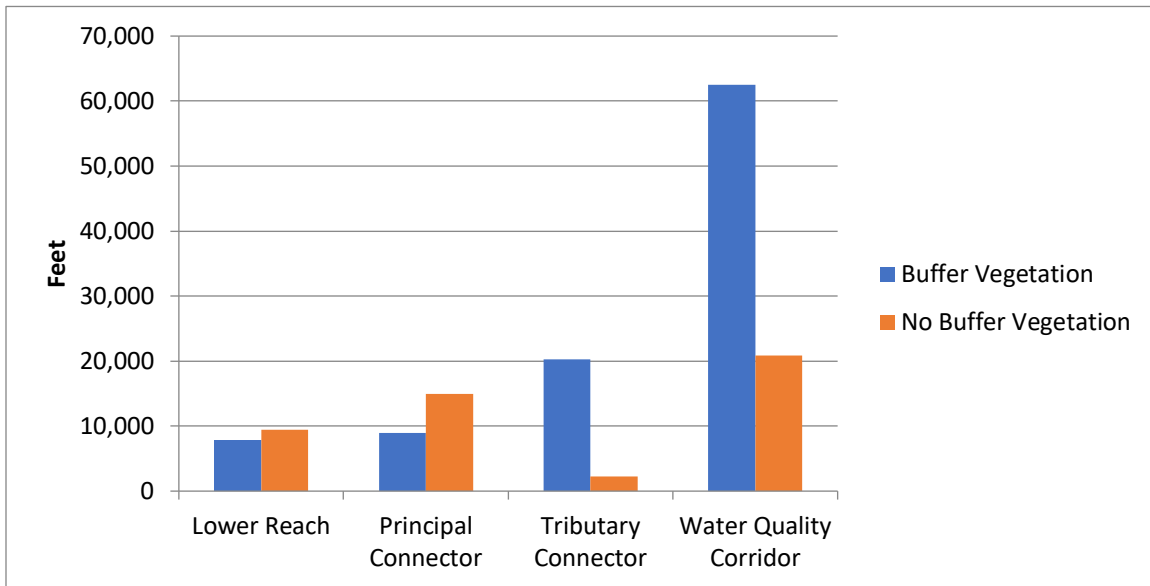
**Dakota County May 2022 (after MN State Buffer Law)**

Reach	Buffer Area (acres)	No Buffer Vegetation (acres)	% Buffer Vegetation
Lower	1,240.4	61.3	95
Upper	997.9	164.7	83.5
Principle	1797.4	521.4	70.9
Tributary	1,018.7	449	55.9
Water Quality Corridor	1,326.9	729.9	45

**Dakota County September 2017 (before MN State Buffer Law)**



Scott County February 2019 (most recent numbers were not available at this reporting)

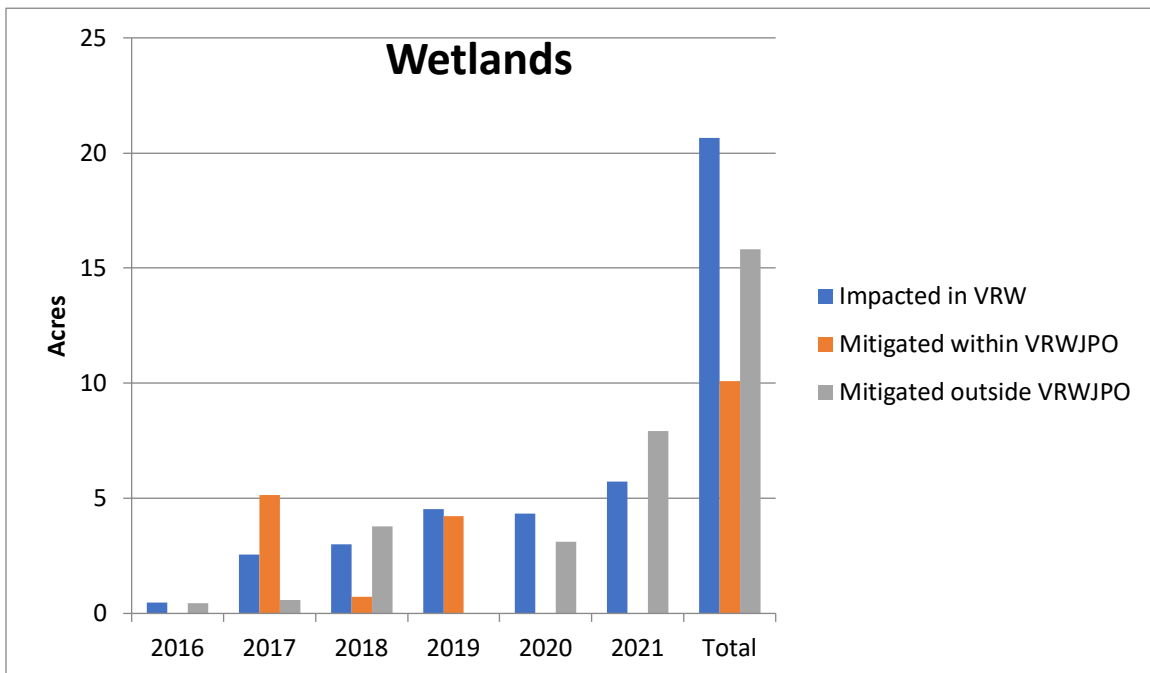


#### 4. Protect, enhance, and restore wetlands

**OUTCOME MEASURE: Document number and acres of wetlands restored**

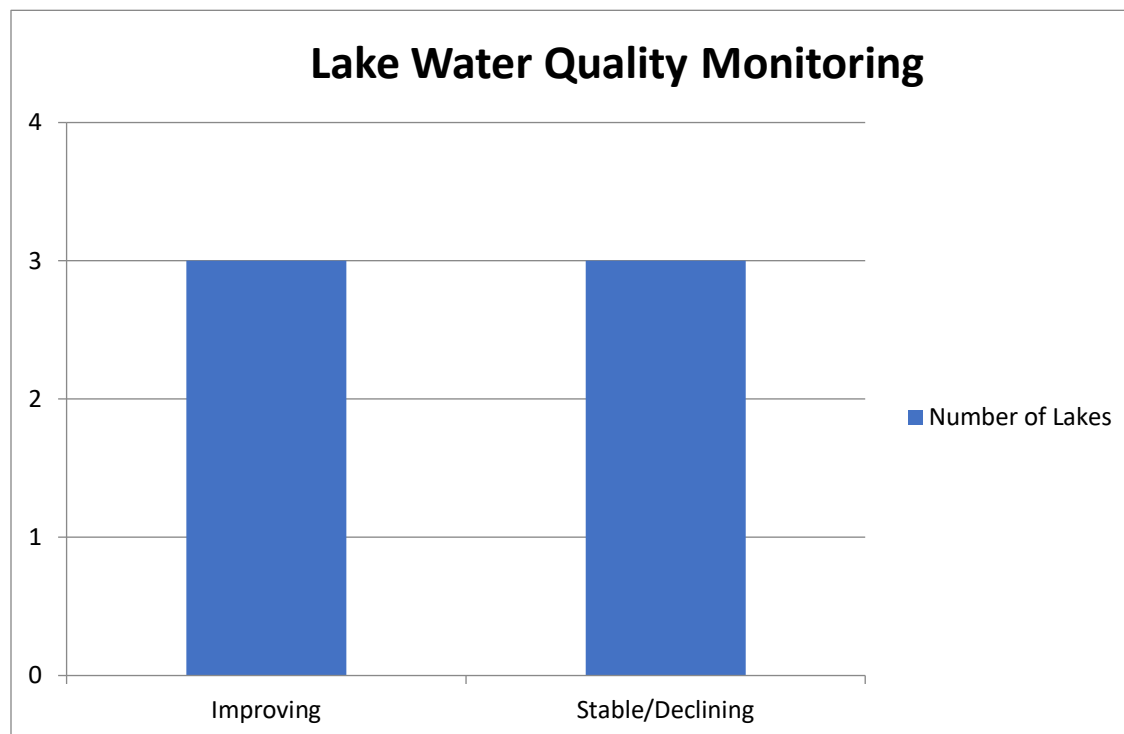
120 acres of wetlands restored in 2021

**OUTCOME MEASURE: Document number and acres of known wetlands lost, altered, or impacted**



## 5. Protect and enhance recreational lakes

**OUTCOME MEASURE:** Water quality monitoring of recreational lakes demonstrates a trend toward maintaining or improving water quality



\*Water quality monitoring within the watershed couples phosphorus levels and transparency to provide a beneficial water quality indicator.

## Goal B: Protect and restore groundwater quality

### 1. Track trends in groundwater quality

**OUTCOME MEASURE:** Compile existing information, assess its adequacy, and propose strategic improvements that will provide a comprehensive view of groundwater quality in the watershed in 2017 and 2022

[Ambient Groundwater Study 2019](https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/AmbientGroundwaterStudy2019.pdf)

(<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/AmbientGroundwaterStudy2019.pdf>)

[Ambient Groundwater Study Appendices.pdf](https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/AmbientGroundwaterStudyAppendices.pdf)

(<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/AmbientGroundwaterStudyAppendices.pdf>)

[Dakota County 2020-2030 Groundwater Plan Adopted](https://www.co.dakota.mn.us/Environment/WaterResources/Groundwater/Documents/2020-2030GroundwaterPlan.pdf)  
(<https://www.co.dakota.mn.us/Environment/WaterResources/Groundwater/Documents/2020-2030GroundwaterPlan.pdf>)

### Chloride in private wells (outside faucet)

Since 2016, three VRWJPO municipalities, Burnsville, Douglas Township, and Hampton Township, have had private well water samples test with the maximum chloride level (in milligrams per liter) above the Environmental Protection Agency's Secondary Maximum Contaminant Level (SMCL) of 250 mg/L for drinking water. While chloride levels have not typically been as high in the Vermillion River Watershed as in other parts of the Twin Cities Metro area, it's important to track it now and be aware.

### Dakota County Total Cyanazine Detections

Cyanazine is a pesticide that has not been permitted for use since 2002, yet it has continued to contaminate groundwater in Dakota County and is detected in some private wells. The Minnesota Department of Agriculture (MDA) conducted widespread sampling of private drinking water wells in Dakota County for cyanazine and cyanazine breakdown products in the summer of 2022. At the time of this reporting, the results of that sampling are not available.

### Nitrate conditions for selected communities in 2022

Municipality	Est. # households on private wells	Year Sampled	# of samples	Samples w/ nitrate detections	% w/ nitrate	Samples with nitrate exceedances (>10 mg/L)	Mean nitrate mg/L	Median nitrate mg/L	Maximum nitrate mg/L
Castle Rock Township	485	2022	112	52	46%	17	3	6.25	16.8
Ravenna Township	835	2022	228	158	69%	102	7.92	7.26	22.48

### Community Focused Sampling Program

Dakota County developed the [Community Focused Sampling Program](https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Pages/community-sampling-results.aspx) (<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Pages/community-sampling-results.aspx>) as part of the 2020-2030 Groundwater Plan to provide homeowners who rely on private drinking water wells with the opportunity to have their well water and drinking water tested for common contaminants, at no cost to them. The following communities in the VRWJPO have been included in the Community Focused Sampling, to date:

[Apple Valley 2020 Private Well Study](https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/AppleValleyPrivateWellStudy.pdf)  
(<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/AppleValleyPrivateWellStudy.pdf>)

[Douglas Township and Miesville 2020 Private Well Study](https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/DouglasMiesvillePrivateWellStudy.pdf)  
(<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/DouglasMiesvillePrivateWellStudy.pdf>)

Empire 2021 Private Well Sampling

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/CommunitySummaryEmpire2021.pdf>

Hampton (City), Hampton Township, and New Trier 2020-21

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/HamptonNewTrierCommunitySummary.pdf>

Lakeville 2019 Private Well Study

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/LakevillePrivateWellStudy.pdf>

Marshan Township 2020 Private Well Study

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/MarshanPrivateWellStudy.pdf>

Nininger Township 2021 Private Well Sampling

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/CommunitySummaryNininger2021.pdf>

Rosemount and Coates 2020 Private Well Study

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/RosemountCoatesPrivateWellStudy.pdf>

Vermillion and Vermillion Township 2020-21 Private Well Sampling

<https://www.co.dakota.mn.us/Environment/WaterResources/WellsDrinkingWater/Documents/VermillionWellsampling2021.pdf>

## 2. Protect groundwater quality from contamination

**OUTCOME MEASURE: Annual expenditure and cost sharing for groundwater quality protection best management practices**

Year	Project	Community	Subwatershed	Category	Cost	VRWJPO Funding	Grant	Partners
2016	Avonlea Wetland and Stream Restoration	Lakeville	Middle Creek	Stream Restoration	\$331,392	\$207,924		Lakeville, Mattamy Homes
2017	John Kimmel	New Market Township	Upper Mainstem	Well Decommission	\$1,220	\$384		Scott SWCD, Landowner, MDH
2018	South Branch Nitrate Treatment	Castle Rock Township	South Branch		\$188,432		\$412,000	Dakota County, BWSR

Year	Project	Community	Subwatershed	Category	Cost	VRWJPO Funding	Grant	Partners
2018	Bryant Stewart	New Market Township	Upper Mainstem	Well Decommission	\$1,240	\$441		Scott SWCD, Landowner, MDH
2018	Stephen Muscato	New Market Township	Upper Mainstem	Well Decommission	\$1,124			
2020	Tracy Knipp	Elko New Market	Upper Mainstem	Well Decommission	\$1,248	\$500		Scott SWCD, landowner
2020	South Branch Denitrifying Woodchip Bioreactor	Castle Rock Township	South Branch	Edge-of-field nitrate treatment	\$34,012	\$2,029	\$31,983	Dakota County, BWSR
2021	Webster Wetland Restoration	Elko New Market	Upper Mainstem	Wetland Restoration	\$71,762	\$0	\$64,586	Elko New Market, BWSR
2021	The Food Group	Eureka Township	Upper Mainstem	Cover Crop	\$2,125	\$2,125		Dakota SWCD, landowner
2021	Aronson Park Stormwater Reuse	Lakeville	South Creek	Stormwater Reuse Irrigation System	\$369,769	\$29,450		Lakeville, Dakota County, BWSR
2021	Braun Wetland Restoration	Castle Rock Township	South Branch	Wetland Restoration	\$1,348,134	\$500,000		Dakota County, Dakota SWCD, BWSR, landowner
2021	Jack Siebenaler	Hampton Township	Lower Mainstem	Native Prairie Restoration	\$1,175	\$881		Dakota SWCD, landowner, Dakota County
2021	Steve Devney	Lakeville	Upper Mainstem	Cover Crop	\$750	\$750		Dakota SWCD, landowner



Year	Project	Community	Subwatershed	Category	Cost	VRWJPO Funding	Grant	Partners
2021	Bryce Kimmes	Marshan Township	Mississippi Direct	Cover Crop	\$2,500	\$2,500		Dakota SWCD, landowner, Dakota County
2021	Jay Frandrup	Vermillion Township	Middle Mainstem	Cover Crop	\$3,500	\$3,500		Dakota SWCD, landowner, Dakota County
2022	Pat Maher	Marshan Township	Mississippi Direct	Cover Crop	\$2,500	\$2,500		Dakota SWCD, landowner
2022	Greg Fox	Rosemount	North Creek	Cover Crop	\$625	\$625		Dakota SWCD, landowner
2022	Greg Fox	Rosemount	North Creek	Cover Crop	\$1,000	\$1,000		Dakota SWCD, landowner
2022	Don Peterson	Marshan Township	Mississippi Direct	Cover Crop	\$2,500	\$2,500		Dakota SWCD, landowner

**OUTCOME MEASURE: Awareness about urban and rural land-use impacts on nitrate contamination in groundwater are increased, as measured through Dakota County resident survey every 2-3 years**

[2019 Residential Survey](https://www.co.dakota.mn.us/Government/Analysis/ResidentSurvey/Documents/2019ResidentialSurvey.pdf)

[\(https://www.co.dakota.mn.us/Government/Analysis/ResidentSurvey/Documents/2019ResidentialSurvey.pdf\)](https://www.co.dakota.mn.us/Government/Analysis/ResidentSurvey/Documents/2019ResidentialSurvey.pdf)

Highlights, p. 3:

- Residents voiced widespread support for using County funds to keep cities' drinking water sources free of contaminants.
- Dakota County is working on a long-range Groundwater Plan that could include various programs or regulations to protect and improve groundwater resources (the source of drinking water in Dakota County).
- Survey respondents were asked which potential programs or regulations they would support. Only 6% of respondents answered that they would not support any of them. The most popular option was using County funds to keep drinking water sources free of contaminants – 8 in 10 respondents supported this option.

- Just over half of respondents indicated they would support using County funds to protect land to limit contamination of groundwater supplies.

Groundwater Plan Stakeholder Engagement Findings and Direction, [Appendix B of Groundwater Plan, p. 169](#)

Agricultural Chemical Reduction Effort (ACRE) Plan Public Engagement Reports, 2021-2022: [Agricultural Chemical Reduction Effort | Dakota County](#)

### 3. Reduce existing levels of groundwater contamination

#### **OUTCOME MEASURE: Measure number and amount of cost share for alternative practices and cropping systems to reduce input levels**

Below is a list of cover crop contracts initiated with the Dakota County SWCD on land within the Vermillion River Watershed. VRWJPO provides funding to the SWCD to cost share these BMPs.

Year	Acres	Contract Duration	Payment*
2018	80	One Year	\$2,000
2018	100	Three Years	\$10,500
2018	65	Three Years	\$6,825
2018	24	Three Years	\$2,520
2019	69.4	One Year	\$1,735
2019	100	One Year	\$2,500
2020	68	One Year	\$1,700
2020	61	One Year	\$1,525
2020	60	One Year	\$1,500
2020	100	One Year	\$2,500
2020	58	One Year	\$1,450
2020	50	One Year	\$2,450
2020	52	One Year	\$1,300
2020	43	One Year	\$1,075
2020	88	One Year	\$2,200
2021	85	One Year	\$2,125
2021	120	One Year	\$3,500

Year	Acres	Contract Duration	Payment*
2021	106	One Year	\$2,500
2021	30	One Year	\$750
2022	134	One year	\$2,500
2022	25	One year	\$625
2022	253	One year	\$2,500
2022	40	One year	\$1,000

\*Payout timing can vary. Assuming all acres are planted per contract, the payments are listed above. Payments are \$25 per acre for a one-year contract and \$35 per acre for a three-year contract.

## Goal C: Maintain a sustainable water supply

### 1. Promote conservation of groundwater

**OUTCOME MEASURE: Track trends of overall water use per capita for municipal consumers, per acre usage for agriculture consumers, and number of gallons per day for industrial consumers**

Per person municipal  
 2016 = 94.6 gallons per day  
 2017 = 98.7 gallons per day  
 2018 = 92.4 gallons per day  
 2019 = 83.8 gallons per day

Per acre agriculture\*  
 2016 = 138,059 gallons per acre  
 2017 = 157,927 gallons per acre  
 2018 = 173,238 gallons per acre  
 2019 = 130,219 gallons per acre  
 2020 = 98,969.8 gallons per acre  
 2021 = 153,112.6 gallons per acre

\*Dakota County only

Per million gallon well installations\*\*:  
 2016 = 11,008 per year / 30.2 million gallons per day  
 2017 = 12,044 per year / 33 million gallons per day  
 2018 = 12,256 per year / 33.6 million gallons per day  
 2019 = 10,794 per year / 29.5 million gallons per day

\*\*includes: agriculture, livestock, commercial/industrial, non-crop irrigation, power generation, etc.

**From MPARS Public Water Supply, for Dakota County:**

677.2 million gallons per year industry  
 3,760.1 million gallons per year agriculture  
 6,181.7 million gallons per year water supplier services

**OUTCOME MEASURE: Document number of implemented projects targeted at the highest overall water users that promote or provide for groundwater conservation**

VRWJPO has worked with cities to conduct irrigation audits at various homeowner's associations (HOA) since 2018. Since most watershed communities rely on groundwater for public supply, this is one way we can measure groundwater use. The cities of Lakeville, Apple Valley, and Rosemount have participated so far.

**2. Protect high-capacity groundwater recharge areas and promote infiltration, where appropriate**

**OUTCOME MEASURE: Track the number of acres of critical recharge areas protected via partnerships or directly by the VRWJPO**

No partnered or sponsored protection projects occurred in critical recharge areas.

**3. Promote re-use of stormwater and treated wastewater, where appropriate**

**OUTCOME MEASURE: Document the number of implemented cost share projects that re-use stormwater or treated wastewater**

Year	Project Name	Community	Subwatershed	Project Type	Project Cost	VRWJPO Funding	Grant Funds	Project Partners	Reuse Vol. (MGY)
2016	King Park Reuse System Phase 2	Lakeville	North Creek	Stormwater Reuse System	\$157,280	\$39,390	\$75,000	Lakeville, BWSR	3.1
2021	Aronson Park Reuse System	Lakeville	South Creek	Stormwater Reuse System	\$369,769	\$29,450	\$70,550	Lakeville, Dakota County, BWSR	3,812,462

**Goal D: Address more intense fluctuations (up and down) in river flow rate and volume**

**1. Regulate intercommunity flows**

(No outcome measure determined)

## 2. Address sources of increased flows

**OUTCOME MEASURE:** Measure number of voluntarily implemented practices that address increased flows

Year	Projects	Acre-feet Reduction
2016	3	35.94
2017	0	0
2018	0	0
2019	1	?
2020	0	0
2021	2	175.8
2022	1	6.2

**OUTCOME MEASURE:** Measure the number of stormwater retrofits in urban areas developed prior to 2006

Year	Projects
2016	3
2017	1
2018	1
2019	3
2020	2
2021	2
2022	1

## 3. Protect floodplains and maintain the river floodway

**OUTCOME MEASURE:** Verify and document that all permitted activities intersecting with identified floodplains have no impacts

Zero activities permitted within VRWJPO floodplains. No impacts.

**OUTCOME MEASURE:** Complete research, analysis, and recommendations on water quality and quantity impacts of aggregate mining.

[The impact of aggregate mining in the Vermillion River Watershed, Minnesota](https://www.vermillionriverwatershed.org/wp-content/uploads/2018/12/Aggregate_Mining_white_paper.pdf)  
([https://www.vermillionriverwatershed.org/wp-content/uploads/2018/12/Aggregate\\_Mining\\_white\\_paper.pdf](https://www.vermillionriverwatershed.org/wp-content/uploads/2018/12/Aggregate_Mining_white_paper.pdf))

#### **4. Address erosion problem areas**

**OUTCOME MEASURE:** Track the number of stabilization projects addressing erosion

Number listed below.

**OUTCOME MEASURE:** Quantify the sediment reduction for stabilization projects addressing erosion

Year	# of Projects Completed	Estimated sediment reduction (tons/yr)
2016	9	1,412
2017	6	184.2
2018	5	539
2019	5	157.7
2020	16	488.61
2021	12	359.77
2022	9	258.02
2023	1	147
Cumulative	63	3,546.3

### **Goal E: Improve public awareness and stewardship of water resources**

#### **1. Increase awareness of the Vermillion River, tributaries, and other waters within the watershed as unique resources**

**OUTCOME MEASURE:** Measure people's awareness of the river, tributaries, and other waters on a regularly scheduled basis by conducting a follow-up survey to "Perspectives on Minnesota Water Resources: A Survey of Sand Creek and Vermillion River Watershed Landowners" that was completed in 2012 by the University of Minnesota

[Follow-up survey](https://www.vermillionriverwatershed.org/wp-content/uploads/2021/12/Pradhananga-VRWJPO-Board-presentation-120221.pdf) (<https://www.vermillionriverwatershed.org/wp-content/uploads/2021/12/Pradhananga-VRWJPO-Board-presentation-120221.pdf>) was completed in fall 2021 and funded by VRWJPO. A highlight of the results was that more than 70% of respondents said they trusted Soil & Water Conservation Districts and more than 60% said they trusted watershed management organizations like ours to help them make decisions about

conservation practices on their land. Respondents largely felt a sense of individual obligation to do what they can to protect water but were less likely to say they'd be willing to engage with other people about it.

## 2. Increase awareness of the VRWJPO and its services

**OUTCOME MEASURE: Annually track the public's use of the website**

Year	Average Session Duration*	Pages / Session**	Annual Users***	New Users
2016 (May-Dec)	3.46	2.86	2,565	2,325
2017	2.28	2.91	5,132	4,611
2018	1.67	3.78	7,594	7,012
2019	1.28	3.59	9,892	7,683
2020	1.5	3.67	10,437	10,331
2021	0.92	3.06	15,814	15,804
2022^	1.5	2.93	11,353	11,461

\*avg session duration = average length of time spent on site in minutes

\*\*pages/session = average number of pages viewed while on site

\*\*\*users = initiated at least one session

## 3. Maintain a clear watershed identity through consistency and quality in external communications

**OUTCOME MEASURE: Complete an annual update to the communications plan**

Update completed Fall 2022 and presented to the JPB.

**OUTCOME MEASURE: Report communications plan outcomes on an annual basis**

Measures in development

## 4. Ensure that watershed messages are available through multiple channels and media

**OUTCOME MEASURE: Track the number of different types of outlets used to convey messages**

Press Releases/Articles	# per year
2016	40
2017	36
2018	31
2019	34
2020	7

<b>Press Releases/Articles</b>	<b># per year</b>
2021	23
2022	30
2023	22
<b>Platform</b>	<b>Audience</b>
<b>Newsletter</b>	1,174 subscribers
<b>Facebook</b>	356 followers
<b>Twitter</b>	259 followers
<b>Instagram</b>	484 followers

**5. Plan and host events, such as programs, training, and outreach activities, to motivate stakeholders to make choices that will improve water resources**

**OUTCOME MEASURE: Annually track the number and type of events and the number of participants at each event**

<b>Year</b>	<b>Events</b>	<b>Participants*</b>
2016	57	1,670
2017	61	2,065
2018	49	2,263
2019	36	2,350
2020**	6	1,068
2021**	9	1,249
2022	16	945

\*It is difficult to quantify all participants at events like the Dakota County Fair and are not included in participant totals. In each year, we reached more people than is listed. The numbers indicate how many were tracked.

\*\*Many events we typically attend were canceled due to COVID-19 or weather or switched to virtual.



## 6. Promote civic engagement and citizen-based action on water and natural resource issues

**OUTCOME MEASURE:** Annually track the number of events, groups, and participants engaged in VRWJPO supported activities

### Wetland Health Evaluation Program in the Vermillion River Watershed

Year	# of Volunteers	Volunteer Hours	# of Wetlands Monitored
2016	76	1,996	17
2017	83	2,171	16
2018	61	1,135	22
2019	70	1,280	14
2020	94	737	14
2021	81	1,248.75	17
2022	61	2,361 (countywide)	17

### Vermillion Stewards\*

Year	Events	Volunteers	Hours
2016	10	245	286.5
2017	9	177	337.5
2018	7	195	162
2019	7	115	134
2020	5	89	158

\*VRWJPO ended contract with Friends of the Mississippi River for co-management of Vermillion Stewards in 2021. The program still exists with FMR.

### Minnesota Water Stewards Participants from Vermillion River Watershed

Year	Participants*	Hours
2016-17	3	0 (volunteer hours not required in first year)
2017-18	6	0 (reported)
2018-19	8	68
2019-20	11	196

Year	Participants*	Hours
2020-21	11 (2 new registered, but both dropped out)	N/A
2022	12	
2023	13	1 currently going through curriculum

\*cumulative

#### Stewardship Grants

Year	Grants
2016	1
2017	0
2018	1
2019	0

No program budget from 2019-present.

#### VRWJPO Attendees at Public Meetings/Events

2016: Public Hearing for Draft 2016-2025 Vermillion River Watershed Management Plan - 35 estimated attendees

Public Hearing on the Draft VRWJPO 2017 Budget - 0 attendees

2017: Public Hearing on the Proposed Amendments to the VRWJPO Rules - 0 attendees

Public Hearing on the Draft VRWJPO 2018 Budget - 0 attendees

2018: Public Hearing on the Proposed Amendments to the VRWJPO Permit Program Fee and Security Schedule - 0 attendees

Public Hearing on the Draft VRWJPO 2019 Budget - 0 attendees

2019: Public Hearing on the Proposed Amendments to the VRWJPO Standards - 4 attendees

Public Hearing on the Draft VRWJPO 2020 Budget - 0 attendees

2020: Public Hearing on Proposed Amendments to VRWJPO Rules – 0 attendees

Public Hearing on the Draft VRWJPO 2021 Budget – 0 attendees

2021: Public Hearing on Proposed Modifications to the VRWJPO Permit Fee and Security Schedule – 0 attendees

Public Hearing on Proposed Amendment for Bemis Wetland – 0 attendees

Public Hearing on the Draft VRWJPO 2022 Budget – 0 attendees

2022: Public Hearing on Draft 2023 VRWJPO Budget – 0 attendees

Public Hearing on VRWJPO Proposed Plan Amendment – 0 attendees

## Drains Adopted in the Vermillion River Watershed

2019: 131  
2020: 116  
2021: 106  
2022: 99  
2023: 44

## Goal F: Improve watershed resilience to changing precipitation and temperature patterns

### 1. Seek to maintain pre-development hydrology

**OUTCOME MEASURE: Annually track cost-shared best management practices that increase storage or infiltration capacity**

Year	Projects	Acre-feet Reduction/yr
2016	4	36.94
2017	1	1.4
2018	3	4
2019	1	2.1
2020	1	0.11
2021	2	175.8
2022	1	6.2
<b>Cumulative</b>	<b>13</b>	<b>226.55</b>

**OUTCOME MEASURE: Report outcome of evaluation of standards compliance**

Beginning in 2017, the VRWJPO initiated a Standards Evaluation Program to review the application of local ordinances and validate community implementation of the VRWJPO Standards during the prior year (2016). The Standards Evaluation involves completion of an annual form summarizing water resources-related activities in each community as well as “spot-check” reviews of the permitting process applied by the local community on a sample of permitted projects.

The VRWJPO performed the Standards Evaluation covering the years 2016-2020 and will complete another period of evaluation years after the next Watershed plan update (expected in 2025-26).

Year	Community Compliance Checks
2016	16

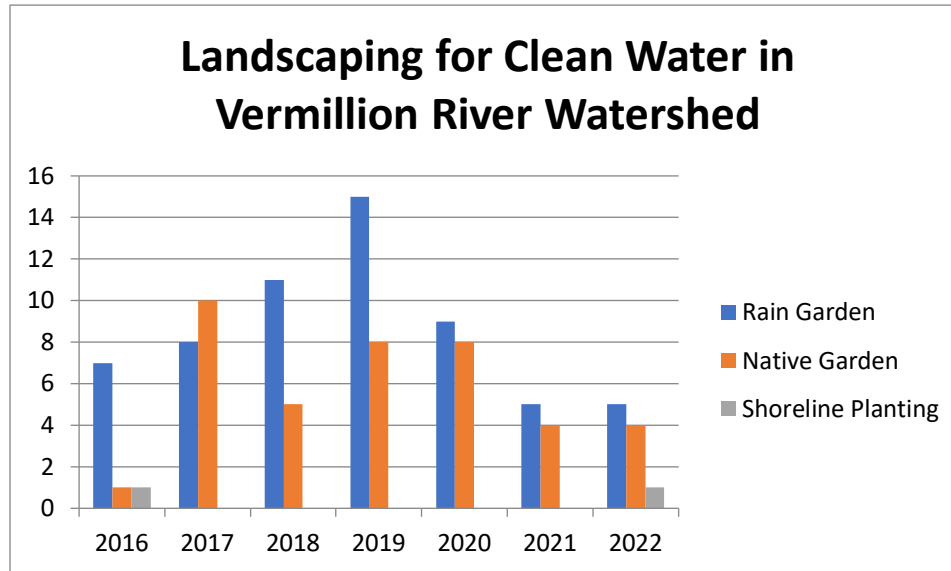
Year	Community Compliance Checks
2017	17
2018	2
2019	6
2020	4

**OUTCOME MEASURE: Annually track implementation of voluntary or innovative best management practices that mitigate thermal impacts**

Year	Project Name	Community	Project Type	Project Cost	VRWJPO Funding	Grant Source	Grant Funds	Project Partners	Temp. Reduction (deg. F)
2016	Hamburg Ave. Stormwater Retrofits	Lakeville	Underground Infiltration (Chambers)	\$206,794	\$140,000	BWSR CWF	\$50,000	Lakeville, SWCD	
2018	South Creek Temperature Reduction	Lakeville	Bank Resloping & Vegetation	\$224,000	\$35,066	BWSR CWF	\$153,868	Lakeville	17

## 2. Increase the resilience of the River corridor through vegetative protection & restoration techniques

**OUTCOME MEASURE:** Annually track the number and type of voluntary projects supported by the VRWJPO that retain or capture stormwater in the watershed



### Vermillion Corridor Acquisitions/Restorations

Year	Project Name	Project Type	County Interest	Acres	Vermillion River	Location
<b>Acquisition:</b>						
2022	Adelmann	County Park Conservation Area	Own Land	33	Main Stem	Farmington
2022	Adelmann	Greenway Corridor	Own Land	5	Main Stem	Farmington
2021	Wallin	County Park Conservation Area	Own Land	7	Main Stem	Hastings
2021	Wallin	Greenway Corridor	Own Land	5	Main Stem	Hastings
2017	Smith	Greenway Corridor	Own Land	5	North Creek	Lakeville
2017	Smith	Natural Area	Easement	7	North Creek	Lakeville
2016	Blair/Foley	County Park Conservation Area	Own Land	24	South Creek	Farmington
<b>Restoration:</b>						
2022	Ag Society	Natural Area	Easement	2	South Branch	Castle Rock

Year	Project Name	Project Type	County Interest	Acres	Vermillion River	Location
2022	Boucher	Natural Area	Easement	4	Main Stem	Vermillion
2022	Finden	Natural Area	Easement	4	Main Stem	Empire
2022	Hoffman/McNamara	Agricultural (tree nursery)	Easement	9	Main Stem	Vermillion

## Goal G: Protect or restore sensitive biological resources, such as plants, fish, insects, and wildlife

### 1. Monitor fish and macroinvertebrate populations in the river and tributaries

**OUTCOME MEASURE: Annually report Index of Biotic Integrity (IBI) data and track trends of fish and macroinvertebrate populations**

#### Fish Monitoring

The VRWJPO began a biomonitoring program in 2009 which samples the presence and abundance of species of **fish** annually. The results of this sampling provide a measure of the biological health of the stream system as indicated through an index of biological integrity (IBI). IBI is a biologically based, multi-metric method for measuring the integrity of aquatic systems. Values below the threshold indicate impairment.

Since 2016, site visits for fish population trend monitoring alternates every two or three years between sites. The Minnesota Department of Natural Resources (DNR) and the engineering firm Stantec provide this service. ([Web link to monitoring site map](#))

In 2022, we sampled four sites in the **Southern Coldwater Reach** – A3, A5, A7, and 13-1. All were below the IBI threshold of 50, indicating impairment. Over the long term, it appears that most coldwater sites indicate flat or slightly negative trends in IBI scores, with two trending positively but with only two years being sampled.

In 2022, we sampled one site in the **Southern Headwaters Reach** – A15. It was not impaired according to the IBI threshold of 55. Three sites have been sampled on a rotating basis since 2016. Over time, two Southern Headwaters sites show a negative trend and one shows a mostly flat trend in IBI scores.

In 2022, we sampled one site in the **Southern Stream Reach** – A14. It was not impaired according to the IBI threshold of 45. Since 2016, both Southern Stream sites have trended positively in IBI scores.

#### Macroinvertebrate monitoring

Since 2016, site visits for **macroinvertebrate** population trend monitoring alternates every two or three years between 18 sites. Five sites have shown positive trends in macroinvertebrate IBI (MIBI) scores over this period. The Dakota County Soil & Water Conservation District provides macroinvertebrate monitoring services for the VRWJPO.

As of this writing, the 2022 MIBI data is not yet available.

**OUTCOME MEASURE: Assess brown trout to determine population changes and annually report data**

Not Completed

**2. Use current research, long-range trend data, policies, and partnerships to protect habitat for native and sensitive aquatic species**

**OUTCOME MEASURE: Annually track riparian or instream habitat improvement projects supported by the VRWJPO**

Year	Number of Projects
2016	2
2017	3
2018	3
2019	2
2020	0
2021	3
2022	1

---

**6c. Review of the Position Description, Hiring Process, and Service Agreement for the Administrator of the Vermillion River Watershed Joint Powers Organization**

Meeting Date: 6/22/2023  
Item Type: Regular-Information  
Contact: Nikki Stewart  
Telephone: 952-891-7554  
Prepared by: Mark Zabel  
Reviewed by: N/A

N/A

**PURPOSE/ACTION REQUESTED**

- Review of the position description, hiring process, and service agreement for the Administrator of the Vermillion River Watershed Joint Powers Organization

**SUMMARY**

The current Administrator for the Vermillion River Watershed Joint Powers Organization (VRWJPO) will retire from that position on July 14, 2023. Consideration for the replacement of the Administrator is being made in conjunction with Dakota County and the Vermillion River Watershed Joint Powers Board (VRWJPB). Opportunity is being provided for members of the VRWJPB to review the position description, discuss the hiring process, and review a draft of a service agreement for the Administrator.

**EXPLANATION OF FISCAL/FTE IMPACT**

Fiscal impact will depend on the negotiated salary of the new Administrator in comparison to the salary of the current Administrator.



**Supporting Documents:**

Attachment A: Draft VRWJPO Env. Resources Supervisor Class Spec.

**Previous Board Action(s):**

- ;

**RESOLUTION**

**6c. Review of the Position Description, Hiring Process, and Service Agreement for the Administrator of the Vermillion River Watershed Joint Powers Organization**

Information only.

[Type here]

[Type here]

6c-Attachment A

# Supervisor, Environmental Resources

Class Code:  
77007

Bargaining Unit: Non Union

DAKOTA COUNTY  
Established Date: Aug 24, 2014  
Revision Date: XXXX

## SALARY RANGE

\$39.36 - \$61.50 Hourly  
\$82,180.00 - \$128,406.00 Annually

### **GENERAL DESCRIPTION:**

Class Number: 77007  
Grade Level: 110  
FLSA Status: Exempt

The Supervisor carries out the mission of the Environmental Resources Department including supervision of staff, program administration, project management and grant administration. The incumbent provides supervision on project teams and coordinates activities with other county divisions, departments, offices, and non-county agencies providing management, leadership and organizational expertise as necessary to implement projects, plans and processes.

### **MINIMUM QUALIFICATIONS:**

- Master's degree in public administration, physical or biological science, environmental health, public health, environmental and natural resources management, engineering, planning or a related field AND one (1) year of experience in planning, coordinating, and implementing environmental programs  
OR
- Bachelor's degree in public administration, physical or biological science, environmental health, public health, environmental and natural resources management, engineering or a related field AND three (3) years' experience in planning, coordinating, and implementing environmental programs  
OR
- An equivalent combination of education and experience in planning, coordinating, and implementing environmental programs to equal or exceed 7 years.

### **PREFERRED EXPERIENCE BEYOND MINIMUM QUALIFICATIONS:**

- Master's level degree with 3-5 years' experience in planning, coordinating, and implementing environmental programs
- At least two (2) years of experience in a supervisory position

### **DUTIES & RESPONSIBILITIES:**

#### **Essential Functions/See Appendices:**

Appendix 1: Groundwater Protection Appendix 2: Waste Regulation Appendix 3: Water Resource Projects Appendix 4: Vermillion River Watershed Appendix 5: Environmental Initiatives

#### **Appendix 4: Vermillion River Watershed**

Essential Functions: All the duties listed below are essential functions. These examples do not include all possible tasks in this work and do not limit the assignment of related tasks in any position of this classification. Regular attendance according to the position's management approved work schedule is required.

[Type here]

[Type here]

6c-Attachment A

1. Serve as the Administrator for the Vermillion River Watershed Joint Powers Organization (VRWJPO) and manage the general operations and activities of the VRWJPO.
2. Work with and take direction from the Vermillion River Watershed Joint Powers Board (VRWJPB).
3. Apply knowledge of watershed management, surface and groundwater hydrology, natural resource management, soils, ecology and biology to the resolution of watershed related issues.
4. Develop and implement watershed policy, programs, and regulations and implement capital projects for the VRWJPO.
5. Serve as staff representative and liaison between the VRWJPB and the Vermillion River Watershed Planning Commission (WPC) and provide support to the WPC.
6. Supervise and provide work direction and evaluation to professional staff assigned to the Watershed Management Unit, provide leadership and guidance to staff in the design, management and implementation of various projects, plans, processes, grants and programs, and plan and execute staff training activities to maintain professional staff competencies.
7. Recruit and select professional technical staff as needed.
8. Develop and implement annual work plans that best serve program clients and achieve intended outcomes and goals.
9. Periodically review work plans and adjust staff resources, as necessary, to maximize application to work plan objectives and workload priorities.
10. Serve as the staff representative and liaison between the VRWJPO and county departments, the Dakota County Soil & Water Conservation District, the Scott County Soil & Water Conservation District, other watershed organizations, the Board of Water and Soil Resources and other local, state and federal entities.
11. Coordinate with counties and state agencies in addressing impaired waters.
12. Direct and oversee the VRWJPO permit program in some communities and provide oversight and evaluation programs in all communities in the Vermillion River Watershed.
13. Represent the VRWJPO at meetings, conferences, and before the media.
14. Recommend revisions to the VRWJPO Joint Powers Agreement and bylaws, and update/revise Joint Powers Agreements and by-laws as directed by the Joint Powers Board.
15. Assess needs, evaluate, and implement innovative solutions to program and service challenges.
16. Interpret and explain VRWJPO rules, policies and procedures.
17. Anticipate and take appropriate actions to address changing regulatory, technical, fiscal, or community issues.
18. Develop and manage contracts, vendor relationships, grant applications, reports and records, and troubleshoot issues and make adjustments or seek appropriate budget amendments as necessary.
19. Coordinate watershed management for the VRWJPO with the county, other governmental agencies and private and non-profit entities.
20. Prepare Requests for Board Action and represent the Environmental Resources Department on relevant issues to the VRWJPB, the Board of Commissioners for Dakota and Scott counties, County Administration, county senior management, partner organizations and the public.
21. Work closely with Environmental Resources Department management and staff to ensure alignment with countywide goals, policies and objectives.
22. Represent the county on special committees as assigned by the Environmental Resources Department Director.
23. Ensures actions taken by the VRWJPO meet all applicable statutes, rules, and policies.
24. Prepare and administer the VRWJPO annual budget, monitor use of appropriated funds, maintain appropriate data on revenue, fees and expenditures, and recommend budget amendments as needed.
25. Continually reevaluate and identify budgetary and resource needs and priorities, and propose innovative solutions to inter-unit and inter-departmental, and inter-organizational budgetary challenges.
26. Obtain and leverage external funding to support identified goals and objectives.
27. Perform other duties as assigned by the Department Director.

## **KNOWLEDGE, SKILLS & ABILITIES AND WORK ENVIRONMENT:**

Knowledge of the principles and processes of management in the public sector, including budget administration and management, and personnel management.

- Knowledge of applicable federal and state laws, rules and regulations.
- Demonstrated knowledge and working experience related to local, state, and federal environmental programs.
- Demonstrated knowledge and experience in addressing and coordinating the resolution of complex environmental problems.
- The ability to communicate effectively, both oral and written, and to develop effective working relationships with policy

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6c-Attachment A

makers and elected officials at all levels of government.

- Ability to develop effective cooperative relationships with both technical and policy staff in Dakota County, state and local government officials, and private entities and citizens.
- Ability to effectively lead multi-disciplinary teams and a demonstrated ability to achieve desired results through the application of team concepts.
- Knowledge of budget preparation and contract development.
- Knowledge of project management techniques.
- Ability to analyze technical reports and documents.
- Ability to organize tasks and use time effectively.
- Proven ability to achieve goals and the ability to work successfully with considerable independence.
- Excellent analytical, conflict management, interpersonal and leadership skills.
- Ability to write successful grant requests, including knowledge of grant writing requirements.

**WORK ENVIRONMENT:** Dakota County aims to create an environment that is welcoming and inclusive of diverse people, backgrounds, and experiences. Our goal is to have a workforce that is reflective of the communities and individuals we serve. We promote an equitable and culturally aware working environment where everyone can be their authentic selves.

Work is performed in a County office building and at various sites located in the metropolitan area. Work is occasionally performed in the evenings and on weekends. Lifting up to 35 pounds on a daily basis and exerting in excess of 50 pounds on an infrequent basis. Occasional exposure to outdoor weather conditions and various physical and chemical hazards in the course of conducting assigned duties. Types of equipment used may include telephone, cell phone, personal computer, GPS, magnetometer, analytical sampling instruments, digital and video cameras, calculator, fax, copier, scanner, LCD projector, and vehicles.

**SELECTION PROCESS:** The examination/selection process for this classification will consist of a rating of your training and experience from the application materials submitted. The top scoring candidates will be forwarded to the hiring department for further consideration.

**6d. Correction to the Revised Budget of the Vermillion River Watershed Joint Powers Organization**

Meeting Date: 6/22/2023  
Item Type: Regular-Action  
Contact: Mark Zabel  
Telephone: 952-891-7011  
Prepared by: Mark Zabel  
Reviewed by: N/A

N/A

**PURPOSE/ACTION REQUESTED**

- Correction to the Revised Budget of the Vermillion River Watershed Joint Powers Organization

**SUMMARY**

A line item was inadvertently missed in the calculation of the subtotal of expenses for the Revised Budget of the Vermillion River Watershed Joint Powers Organization. The Conservation Partners Legacy Grant total of \$93,000 was identified within the spreadsheet for the Revised Budget but was not included in the subtotal of expenses. Making the correction increases the subtotal of expenses and decreases the cash reserve by an equivalent amount.

Staff recommend adoption of a budget amendment to reflect the correction.

**EXPLANATION OF FISCAL/FTE IMPACT**

Subtotal of expenses is increased by \$93,000 from \$3,750,680 to \$3,843,680 and cash reserve is decreased by \$93,000 from \$216,070 to \$123,070.

**Supporting Documents:**

Attachment A: Draft Amended 2023 VRWJPO Budget

**Previous Board Action(s):**

VRW-23-11; 4/27/23

**RESOLUTION****6d. Correction to the Revised Budget of the Vermillion River Watershed Joint Powers Organization**

**WHEREAS**, the Vermillion River Watershed Joint Powers Board adopted the Revised 2023 VRWJPO Budget on April 27, 2022; and

**WHEREAS**, the budget included expenses totaling \$3,750,680, total revenue of \$3,966,750, and an expected cash reserve of \$216,070; and

**WHEREAS**, a budget amendment is being proposed to correct the inadvertent exclusion of a line item expense for the Conservation Partner Legacy Grant for the East Lake Habitat Restoration Project totaling \$93,000 which would increase the expenses total to \$3,843,680 and decrease the cash reserve to \$123,070.

**NOW, THEREFORE, BE IT RESOLVED**, that the Vermillion River Watershed Joint Powers Board approves an amendment to the VRWJPO 2023 Budget to increase total expenses by \$93,000 bringing the budgeted total expenses to \$3,843,680 with a cash reserve of \$123,070.

Draft Amended 2023 VRWJPO Budget

Category		Budget Items	2023	Budget %	2023	Budget %
			Amended Budget Amount		Final Budget Amount	
EXPENSES						
Administration and Operations 601-5010001-00000000	1	Dakota County VRW Staff	\$180,500	4.6%	\$180,500	5.3%
	2	Scott County VRW Staff	\$15,000	0.4%	\$15,000	0.4%
	3	Other Dakota County Staff Time	\$12,000	0.3%	\$12,000	0.4%
	4	Legal Support	\$25,000	0.6%	\$25,000	0.7%
	5	Miscellaneous Expenses (per diems, mileage, postage, etc.)	\$6,000	0.2%	\$6,000	0.2%
	6	Training, Conferences, and Certifications	\$2,000	0.1%	\$2,000	0.1%
Subtotal Administrative			\$240,500	6.1%	\$240,500	7.0%
Research and Planning 601-5010001-50100130	1	Dakota SWCD Incentive Program Policy Assistance	\$1,600	0.0%	\$1,600	0.0%
	2	Scott County Staff	\$5,000	0.1%	\$2,000	0.1%
	3	VRW Staff	\$35,000	0.9%	\$15,000	0.4%
Subtotal Research and Planning			\$41,600	1.0%	\$18,600	0.5%
Monitoring and Assessment 601-5010001-50100230	1	Vermillion River Monitoring Network in Dakota Co.				
	1a	Staff Time for Sample Collection, Equipment Installation, Maintenance	\$39,000	1.0%	\$39,000	1.1%
	1b	Data analysis, database management, data reporting, FLUX modeling	\$17,000	0.4%	\$17,000	0.5%
	1c	Water Quality Sample Analysis and QA/QC samples	\$19,000	0.5%	\$19,000	0.6%
	1d	Equipment and Supplies	\$8,000	0.2%	\$8,000	0.2%
	2	Vermillion River Monitoring Network in Scott Co	\$9,300	0.2%	\$9,800	0.3%
	3	USGS Cost Share for Blaine Ave. Station	\$8,900	0.2%	\$8,900	0.3%
	4	DNR Flow Gaging Assistance	\$9,700	0.2%	\$9,700	0.3%
	5a	Biological and Habitat Assessments	\$7,000	0.2%	\$7,000	0.2%
	5b	Electrofishing	\$16,000	0.4%	\$16,000	0.5%
	6	Monitoring Programs Review and Evaluation	\$15,000	0.4%	\$15,000	0.4%
	7	General GIS support (Dakota SWCD)	\$5,000	0.1%	\$5,000	0.1%
	8	Nitrate Treatment Practice Sampling	\$1,000	0.0%	\$1,000	0.0%

Draft Amended 2023 VRWJPO Budget

<u>Category</u>	<u>Budget Items</u>	2023	<u>Budget %</u>	2023	<u>Budget %</u>
		<u>Amended Budget</u>		<u>Final Budget</u>	
		<u>Amount</u>	<u>of Total</u>	<u>Amount</u>	<u>of Total</u>
	9 Iron Enhanced Sand Filter Performance Sampling	\$2,000	0.1%	\$2,000	0.1%
Subtotal Monitoring and Data Analysis		\$156,900	4.0%	\$157,400	4.6%
Public Communications and Outreach 601-5010001-50100330	1 Communication and Outreach Staff	\$100,000	2.5%	\$100,000	2.9%
	2 Vermillion River Watch Program	\$6,000	0.2%	\$6,000	0.2%
	3 Vermillion River Stewards	\$0	0.0%	\$0	0.0%
	4 Scott County Outreach Efforts	\$2,000	0.1%	\$2,250	0.1%
	5 Vermillion River Watershed Projects Signage and Map Updates	\$10,000	0.3%	\$10,000	0.3%
	6 Newsletter, Mailings, Website, General Communication Materials	\$10,000	0.3%	\$10,000	0.3%
	7 Landscaping for Clean Water Workshop Program (Dakota SWCD)	\$30,400	0.8%	\$30,400	0.9%
	8 K-12 Classroom Presentations (Dakota SWCD)	\$4,000	0.1%	\$4,000	0.1%
	9 Watershed Tours	\$2,000	0.1%	\$0	0.0%
	10 Local Standards/ Ordinance and Turf/ Salt Workshops	\$3,500	0.1%	\$3,500	0.1%
Subtotal Public Outreach and Communication		\$167,900	4.2%	\$166,150	4.9%
Regulation 601-5010001-50100530	1 Scott SWCD Assistance with Plan Review	\$900	0.0%	\$900	0.0%
	2 Engineering Assistance and Review	\$35,000	0.9%	\$35,000	1.0%
	3 VRW Staff Local Program Assistance	\$20,000	0.5%	\$20,000	0.6%
Subtotal Regulation		\$55,900	1.4%	\$55,900	1.6%
Coordination and Collaboration 601-5010001-50100531	1 Coordination VRW Staff	\$40,000	1.0%	\$32,000	0.9%
	2 Wetland Health Evaluation Program Cost Share	\$0	0.0%	\$0	0.0%
	3 Children's Water Festival Support	\$600	0.0%	\$600	0.0%
	4 Watershed Partners	\$5,000	0.1%	\$5,000	0.1%
	5 Master Water Stewards	\$5,000	0.1%	\$5,000	0.1%
Subtotal Coordination and Collaboration		\$50,600	1.3%	\$42,600	1.2%
Land and Water Treatment					
Capital Improvement	1 Cost Share Programs in Dakota County (SWCD)	\$80,000	2.0%	\$80,000	2.3%



Draft Amended 2023 VRWJPO Budget

<u>Category</u>		<u>Budget Items</u>	2023	<u>Budget %</u>	2023	<u>Budget %</u>
			<u>Amended Budget</u>		<u>Final Budget</u>	
			<u>Amount</u>	<u>of Total</u>	<u>Amount</u>	<u>of Total</u>
<b>Projects</b>	2	Cost Share Programs in Scott County (SWCD)	\$30,750	0.8%	\$31,300	0.9%
<b>601-5020001-50200130</b>	3	Cost-share	\$250,000	6.3%	\$250,000	7.3%
	4	WBIF match	\$15,170	0.4%	\$70,000	2.0%
<b>Subtotal Capital Improvement Projects</b>			<b>\$375,920</b>	<b>9.5%</b>	<b>\$431,300</b>	<b>12.6%</b>
<b>Maintenance</b>	1	Past projects maintenance/ repair	\$70,000	1.8%	\$70,000	2.0%
<b>601-5020001-50200130</b>	2	CIP construction oversight, maintenance/ repair staff costs	\$35,000	0.9%	\$25,000	0.7%
<b>Subtotal Maintenance</b>			<b>\$105,000</b>	<b>2.6%</b>	<b>\$95,000</b>	<b>2.8%</b>
<b>Feasibility/Preliminary Studies</b>		Preliminary Design, Technical Assistance and Marketing for Capital Improvements				
	1	(Dakota SWCD)	\$40,000	1.0%	\$40,000	1.2%
<b>601-5010001-50100631</b>	2	Preliminary Design, Technical Assistance and Marketing for Capital Improvements	\$180,000	4.5%	\$180,000	5.3%
<b>Subtotal Feasibility/Preliminary Studies</b>			<b>\$220,000</b>	<b>5.5%</b>	<b>\$220,000</b>	<b>6.4%</b>
<b>Irrigation Audit and Cost Share Program</b>	1	Irrigation Audits	\$10,000	0.3%	\$10,000	0.3%
<b>601-5010001-50100431</b>	2	Irrigation Cost-Share	\$10,000	0.3%	\$10,000	0.3%
<b>Subtotal Irrigation Audit and Cost Share</b>			<b>\$20,000</b>	<b>0.5%</b>	<b>\$20,000</b>	<b>0.6%</b>
<b>2020-2023 WBIF Grant (BWSR) North Creek</b>	1	North Creek Stabilization	\$337,500	8.5%	\$337,500	9.9%
<b>601-5010001-50100853</b>	2	VRWJPO cash match	\$50,000	1.3%	\$50,000	1.5%
<b>Subtotal 2020-2023 WBIF Grant North Creek Stabilization</b>			<b>\$387,500</b>	<b>9.8%</b>	<b>\$387,500</b>	<b>11.3%</b>
<b>2020-2023 WBIF Grant (BWSR) Farmington Direct</b>	1	Farmington Direct Drainage Assessment	\$26,700	0.7%	\$0	0.0%
<b>601-5010001-50100854</b>	2	VRWJPO cash match	\$3,330	0.1%	\$0	0.0%
<b>Subtotal 2020-2023 WBIF Grant Hastings/ Farmington Direct Drainage</b>			<b>\$30,030</b>	<b>0.8%</b>	<b>\$0</b>	<b>0.0%</b>
<b>2020-2023 WBIF Grant (BWSR) Hastings Direct</b>	1	Hastings Direct Drainage Assessment	\$26,700	0.7%	\$26,700	0.8%

Draft Amended 2023 VRWJPO Budget

<u>Category</u>		<u>Budget Items</u>	<u>2023</u>	<u>Budget %</u>	<u>2023</u>	<u>Budget %</u>
			<u>Amended Budget</u>		<u>Final Budget</u>	
			<u>Amount</u>	<u>of Total</u>	<u>Amount</u>	<u>of Total</u>
601-5010001-50100855	2	VRWJPO cash match	\$3,330	0.1%	\$3,330	0.1%
Subtotal 2020-2023 WBIF Grant Hastings/ Farmington Direct Drainage			\$30,030	0.8%	\$30,030	0.9%
2020-2023 WBIF Grant (BWSR) Ravenna Basins						
	1	Ravenna Basins Restoration	\$0	0.0%	\$0	0.0%
601-5010001-50100856	2	VRWJPO cash match	\$0	0.0%	\$0	0.0%
Subtotal 2020-2023 WBIF Grant Ravenna Basins Restoration			\$0	0.0%	\$0	0.0%
2022-2025 CPL Grant (DNR) East Lake Habitat						
	1	East Lake Habitat Improvement	\$90,000	2.3%		
601-5010001-50100858	2	VRWJPO in-kind match	\$3,000	0.1%		
Subtotal CPL East Lake Habitat			\$93,000	2.3%		
2022 CWF Competitive Grant (BWSR) Foxborough						
	1	Foxborough Park TSS Project	\$346,500	8.7%	\$346,500	
601-5010001-50100859	2	VRWJPO cash match	\$30,000	0.8%	\$30,000	
Subtotal CWF Competitive Grant Foxborough Park TSS Project			\$376,500	9.5%	\$376,500	
2022 CWF Competitive Grant (BWSR) Ravenna						
	1	Ravenna Trail Ravine Stabilization	\$495,000	12.5%	\$495,000	
601-5010001-50100860	2	VRWJPO cash match	\$50,000	1.3%	\$50,000	
Subtotal CWF Competitive Grant Ravenna Trail Ravine Stabilization			\$545,000	13.7%	\$545,000	
2022-2023 WBIF Grant (BWSR) Middle Creek						
	1	Middle Creek at Dodd Rd Stream Restoration	\$360,000	9.1%		
601-5010001-50100861	2	VRWJPO in-kind	\$3,000	0.1%		
Subtotal CWF Competitive Grant Foxborough Park TSS Project			\$363,000	9.2%		
2022-2025 WBIF Grant (BWSR) Alimagnet Alum						
	1	Alimagnet Lake Alum Treatment Feasibility Study	\$36,000	0.9%		
601-5010001-50100862	2	VRWJPO cash match	\$9,000	0.2%		

Draft Amended 2023 VRWJPO Budget

Category	Budget Items		2023	Budget % of Total	2023	Budget % of Total
			Amended Budget Amount		Final Budget Amount	
Subtotal CWF Competitive Grant Foxborough Park TSS Project			\$45,000	1.1%		
2023 CWF Competitive Grant (BWSR) East Lake	1	East Lake Fish Barrier and Rough Fish Removal	\$300,000	7.6%		
601-5010001-50100863	2	VRWJPO cash match	\$37,500	0.9%		
Subtotal CWF Competitive Grant Foxborough Park TSS Project			\$337,500	8.5%		
CWF WBIF Grant (BWSR) 601-5010001-50100848	1	WBF Grant Admin	\$12,000	0.3%	\$17,700	0.5%
Subtotal WBF Grant Admin			\$12,000	0.3%	\$17,700	0.5%
Weland Bank 601-5010001-50100930		Wetland Bank Restoration Funds Reserve	\$189,800	4.8%	\$189,800	
Subtotal Wetland Bank Restoration Funds			\$189,800	4.8%	\$189,800	
Subtotal of Expenditures			\$3,843,680	96.9%	\$2,993,980	87.5%
Cash Reserve			\$123,070	3.1%	\$427,850	12.5%
TOTAL Annual Expenses			\$3,966,750	100.0%	\$3,421,830	100.0%
REVENUE						
		Wetland Bank	\$189,800	4.8%	\$189,800	
		CIP Reserve	\$226,800	5.7%	\$350,000	10.2%
		CIP Reserve Grant Match	\$136,660	3.4%	\$133,330	3.9%
		Fund Balance from Underspending in Previous Year	\$271,810	6.9%	\$405,000	11.8%
		Grant Carryover	\$12,000	0.3%	\$664,350	
		CWF Grant (BWSR) Competitive 2022	\$841,500	21.2%	\$420,750	12.3%
		CWF Grant (BWSR) Competitive 2023	\$300,000	7.6%		
		CWF Grant WBIF (BWSR) 2020-2023	\$487,180	12.3%	\$243,600	7.1%

Draft Amended 2023 VRWJPO Budget

<u>Category</u>	<u>Budget Items</u>	2023	<u>Budget %</u> <u>of Total</u>	2023	<u>Budget %</u> <u>of Total</u>
		<u>Amended Budget</u> <u>Amount</u>		<u>Final Budget</u> <u>Amount</u>	
	CWF Grant WBIF (BWSR) 2022-2025	\$396,000	10.0%		
	CPL Grant (DNR) 2022-2025	\$90,000	2.3%		
	Fees for Permitting Activities	\$1,000	0.0%	\$1,000	0.0%
	Dakota County Levy	\$964,900	24.3%	\$964,900	28.2%
	Scott County Levy	\$35,100	0.9%	\$35,100	1.0%
	Investment Earnings	\$14,000	0.4%	\$14,000	0.4%
	<b>TOTAL Annual Revenue</b>	<b>\$3,966,750</b>	<b>100.0%</b>	<b>\$3,421,830</b>	<b>100.0%</b>