



Agenda

Vermillion River Watershed Planning Commission

August 10, 2022 – 4:00 p.m., In-person and Teleconference via Zoom

1. Call to Order
2. Roll Call
3. Audience Comments on Items Not on the Agenda
(please limit audience comments to five minutes)
4. Approval of Agenda Action
5. Approval of Minutes from the July 13, 2022 Meeting Action
6. Business Items
 - a. Recommend adoption of the draft Vermillion River Watershed Joint Powers Organization 2023 Budget and Watershed Management Tax District Levy Action
 - b. Presentation of activity funding requests for Minnesota Board of Water and Soil Resources (BWSR) Fiscal Years 2022-2023 Watershed-Based Implementation Funding (WBIF) Information
7. Updates
 - a. Chairperson's Report
 - b. Staff Updates
8. Adjourn Action

Please note, the August 10, 2022 Watershed Planning Commission meeting will take place **in-person** in Conference Room A at the Extension and Conservation Center, 4100 220th Street West, Farmington Minnesota **and via teleconference** on the web-based application, Zoom.

Join Zoom Webinar

Please click the link below to join the webinar:

<https://dakotacountymn.zoom.us/j/92478551118?pwd=S1dMUW96ZFhkb0I2cEMreXlrdDhnQT09>

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International numbers available: <https://dakotacountymn.zoom.us/u/ad6nbevLkB>



Other Information

Next Meeting Date: **September 14, 2022** at 4:00 p.m.

Please confirm your attendance by contacting Mark Zabel at mark.zabel@co.dakota.mn.us

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



Minutes

Vermillion River Watershed Planning Commission Meeting

July 13, 2022 – 4:00 p.m.

In-person and Zoom Videoconference

WPC Members in Attendance

Mark Henry James Kotz
Josh Borton Andy Riesgraf
Steve Hamrick Chuck Clanton

Staff in Attendance

Travis Thiel, VRWJPO
Brita Moore-Kutz, VRWJPO
Mark Zabel, VRWJPO

Others in Attendance

Curt Coudron, Dakota County SWCD
Valerie Neppl, Dakota County

1. Call to Order

The meeting was called to order at 4:01 p.m.

2. Roll Call

All members present.

3. Audience Comments on Items Not on the Agenda

None.

4. Approval of Agenda

Chair Henry called for any changes to the agenda. There were none.

Motion by Commissioner Borton, second by Commissioner Kotz, to approve the agenda as presented. The agenda was approved by a 6-0 vote.

5. Approval of Minutes from the April 13, 2022 Meeting

Chair Henry requested any adjustments to the minutes as presented. Upon hearing none, Chair Henry called for a motion to approve the minutes of the April 13, 2022 meeting of the WPC.

Motion by Commissioner Clanton, second by Commissioner Riesgraf, to approve the minutes of the April 13, 2022 meeting, as distributed. The minutes were approved by a 6-0 vote.

6. Business Items

a. Recommendation to release VRWJPO Plan Amendment to Plan Review Authorities for 30-day Public Review

Travis Thiel introduced the proposed Plan amendment and described the need for the amendment. The amendment is required to ensure that all potential projects are identified in the Plan document to be eligible for Watershed Based Implementation Funding program of the Minnesota Board of Water and Soil Resources. Projects that were not originally included in the 2016-2025 Vermillion Watershed Management Plan include projects resulting from Watershed Restoration and Protection Strategies analysis, Total Maximum Daily Load Studies, other feasibility and assessment studies, and project identified by project partners that address goals of the Plan. The amendment also provides additional clarification on Plan elements based on new information learned in the last five years. The amendment indicates a \$1,243,000 increase in spending, which is offset by an increase of \$1,243,000 in revenue anticipated from Watershed Based Implementation Grant funding.

Commissioner Clanton asked for clarification of the prioritization of subwatersheds in the Plan. The priorities shown in the Plan remain, however, spending on implementation does not match the set priorities. This is largely due to needing willing landowners implementing projects.

Motion by Commissioner Clanton, second by Commissioner Borton, recommending approval of the amendment to the 2016-2025 Vermillion River Watershed Management Plan was unanimously adopted by a 6-0 vote.

b. Update on the Dakota County Agricultural Chemical Reduction Effort (ACRE) and Monitoring Well Network

Valerie Neppel presented on the Dakota County Agricultural Chemical Reduction Effort (ACRE) program being implemented through the Groundwater Protection Unit. The ACRE program is being initiated as a result of the Dakota County Groundwater Plan. The Groundwater Plan was adopted in January of 2021. The Groundwater Plan is a planning effort under authority of Minnesota Statute 103B and is therefore a plan eligible for funding similar to the Watershed Management Plans as discussed in the previous item. The Groundwater Plan identified agricultural chemicals, specifically nitrates and pesticides, are a significant concern in groundwater in Dakota County, especially in the south and southeast portions of the County. The ACRE Plan was the first effort resulting from the adoption of the Dakota County Groundwater Plan. The ACRE Plan will be out for public review starting July 20th for a 45-day review. The Minnesota Rural Water Association and the Minnesota Board of Water and Soil Resources published guidance in 2021 identifying practices that are most effective in protecting groundwater and drinking water. This is the guiding framework in the ACRE Plan. Tier 1 identifies nitrate using the right nutrient, at the right rate, during the right time, in the right place. Tier 2 looks at using other cropping and cropping practices

other than just corn and soybeans. Tier 3 looks at taking portions of the landscape out of the cropping rotation using conversion to perennial cover such as native prairie plantings. Going forward it may require implementing of all three tiers in different locations to address the nitrate levels in out groundwater. Everything is voluntary within this Plan. Three rounds of outreach were performed with rural and agricultural interested parties with surveys asking for input on the Plan. An Agricultural Advisory Group was formed to get further input in more detail. There were town hall meetings as well as meetings with townships and cities. There were overarching themes. Most farmers want to do the right thing as they live here and expect their operation to stay in their families. Voluntary practices are preferred and are expected to be supported through incentives. The SWCD was identified as the most trusted resource. The overall goal of ACRE is to reduce agricultural chemicals, specifically nitrates and pesticides to below levels which could impact human health of the environment. Outcome measures for this goal are to:

- measure the levels of nitrate in private drinking water wells with the target to reduce levels to less than 5% of wells above standards within a township.
- no public water supply wells exceeding the standard.
- median values of nitrates below standards
- no private drinking water wells exceed 50% of drinking water guidelines
- reducing chloride levels from agricultural sources

Strategies to address this are to:

- 1- Develop information for decision making (monitoring, modeling, and surveys)
- 2- Communication, outreach, and education
- 3- Technical assistance
- 4- Financial incentives

Commissioner Henry asked if dust control chemicals is a large contributor to chloride in groundwater. Valerie responded that she did not know how much dust control contributes but it is not among the top three which are: deicing salt, water softeners, potash fertilizer.

There was some discussion of cover crops and perennial crop alternatives including camelina and kernza.

The Groundwater Protection Unit is working on developing a grant program for the implementation of drinking water treatment systems for low income households on private well water sources used for drinking water that exceed drinking water standards. Valerie noted that in areas of the County with high nitrates even if all sources of nitrate were completely addressed it would still take time for a response in the groundwater and so treatment systems may be required for some time into the future.

The Groundwater Protection Unit is working with the Dakota County SWCD in implementing a Minnesota Department of Health grant for updating the Dakota County Model Mining

Ordinance. This is another action resulting from actions identified in the Dakota County Groundwater Plan.

The Groundwater Protection Unit is doing a feasibility study through a redevelopment block grant to look at the possibility for a rural water system for the portions of rural Dakota County where water quality is an issue.

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

Brita Moore-Kutz presented a summary of information contained in the report. Brita highlighted specific areas. The report is in the order of the goals and measures within the 2016-2025 Vermillion River Watershed Management Plan. The report shows where we are improving in water quality. Brita highlighted changes in outreach where website use has increased significantly in the past year. Commissioner Riesgraf noted that the number of site visit views are up, the duration is shortened. This report is not a requirement, it is provided for the benefit of being able to track progress and trends.

7. Updates

a. Chairperson's Report

Commissioner Henry asked a general question about the potential impact of pesticides. He mentioned that there has been a great deal of progress in habitat development but wildlife (pheasants) are not as prominent and is wondering if pesticides may not be a factor. Commissioner Riesgraf asked if there is similar effects seen in neighboring states. Zabel mentioned that more intense spring rain events during nesting season could also be a factor and so there may be difficulty in pointing to a single factor that is impacting pheasant populations. Commissioners also discussed presence of other wildlife (deer, turkeys, coyotes, opossums, etc.) that seem to be thriving. Commissioner Henry also mentioned a field event being held at Kurt Kimber's farm which will include a highlight of Kernza as an alternative crop.

b. Staff Updates

Brita Moore-Kutz reported on developments for the We Are Water exhibit and events. Brita distributed a post card and bookmark with information relevant to water and the We Are Water exhibit and activities. Brita invited Commissioners to be a volunteer docent at the exhibit. Brita also mentioned that the Dakota County Fair is coming up next month and the VRWJPO will have a presence in the Natural Resources Building along with the Dakota County Groundwater Protection and Water Resources Units, Minnesota DNR, Dakota County SWCD, and Trout Unlimited. There will be a "Water Bar" at the display as part of the We Are Water activities.

Curt Coudron reported that Landscaping for Clean Water workshops are moving forward. There are a lot of cover crop contracts in place including 700 acres of new contracts and about 300

acres of previous contracts for a total of about 1000 acres of cover crop contracted in the Vermillion River Watershed. Commissioner Clanton asked how many have participated and have not continued. Curt responded that there are some contracts where a cropping rotation change makes it infeasible for cover cropping and so those situations do not continue. Curt also noted that there are fields where the producer is doing cover cropping on their own without contracting for cost share and those acres have not been tracked.

Mark Zabel reported that the VRWJPO has been selected for a Performance Review and Assistance Program review. Mark provided an overview of what that will entail for the VRWJPO in completing the review. Mark noted that there is a survey that is included in the review which goes out to partners for their input and that will include members of the Watershed Planning Commission. Mark mentioned that he is currently working on developing the draft budget for 2023. Mark presented an overview of current planning draft for the 2023 VRWJPO Budget. A formal presentation of the draft budget will be presented to the WPC at the August 10, 2022 meeting for recommendation to the Vermillion River Joint Powers Board.

Commissioner Clanton mentioned that the Watershed Planning Commission still has three vacancies in membership. Brita informed members that there had been no applications. There was an interested party who unfortunately does not reside in the watershed. Zabel encouraged members to recruit anyone interested to apply. Zabel did acknowledge the Commissioner Clanton did try to get an eligible applicant. Commissioner Henry had also put staff in touch with a potential applicant who declined at this time. Brita mentioned that she will try contacting him again next year. Commissioner Henry also mentioned that he has some contacts in Scott County that he will approach on this. Commissioner Riesgraf asked if the time of the meeting might be a hindrance to people applying? Zabel mentioned that people who have expressed interest have never asked about the meeting time. Zabel commented that the meeting time is not firm and the WPC can choose to meet at a different time.

Commissioner Henry commended and thanked staff.

8. Adjourn

Motion by Commissioner Clanton, second by Commissioner Kotz, to adjourn the meeting at 5:46 p.m. The motion passed on an 6-0 vote.

6a. Recommend Adoption of the Draft Vermillion River Watershed Joint Powers Organization 2023 Budget and Watershed Management Tax District Levy

Meeting Date: 8/10/2022
Item Type: Regular-Action
Contact: Mark Zabel
Telephone: 952-891-7011
Prepared by: Mark Zabel
Reviewed by: N/A



PURPOSE/ACTION REQUESTED

- Recommend adoption of the draft Vermillion River Watershed Joint Powers Organization 2023 Budget and Watershed Management Tax District Levy

SUMMARY

The proposed Draft VRWJPO 2023 Budget (included as Attachment A) is \$3,387,423 including cash reserves, Clean Water Fund Competitive Funding grant, Clean Water Fund Watershed-Based Implementation Funding grant, and the Watershed Management Tax District Levy. The Draft VRWJPO 2023 Budget recommends a Watershed Management Tax District Levy of \$1,000,000, \$35,100 in the Scott County portion of the watershed and \$964,900 in the Dakota County portion of the watershed. This amount represents no change from the overall Watershed Management Tax District levy compared to 2022. The draft budget reflects recommendations from VRWJPO staff and partners and items from the implementation section of the Vermillion River Watershed Management Plan.

An approved Draft VRWJPO 2023 Budget will remain “draft” until such time as the Vermillion River Watershed Joint Power Board adopts a Final VRWJPO 2023 Budget and Dakota County and Scott County Boards certify the final Watershed Management Tax District Levy in December of 2022.

RESOLUTION

6a. Recommendation to Adopt the Draft Vermillion River Watershed Joint Powers Organization 2023 Budget and Watershed Management Tax District Levy

WHEREAS, the Vermillion River Watershed Joint Powers Organization requires a budget and the subsequent levy to implement the programs and projects described in its Watershed Management Plan; and

WHEREAS, the Vermillion River Watershed Planning Commission has reviewed and discussed the Draft VRWJPO 2023 Budget and Vermillion River Watershed Management Tax District Levy.

NOW, THEREFORE, BE IT RESOLVED, that the Vermillion River Watershed Planning Commission hereby recommends approval of the Draft VRWJPO 2023 Budget totaling \$3,387,423 and recommends a Vermillion River Watershed Management Tax District Levy of \$1,000,000 (\$35,100 in the Scott County portion of the watershed and \$964,900 in the Dakota County portion of the watershed).

VRWJPO Draft 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Draft Budget Amount</u>	<u>Budget % of Total</u>	<u>2022 Final Budget Amount</u>	<u>Budget % of Total</u>
EXPENSES					
Administration and Operations -2170020000	1 Dakota County VRW Staff	\$180,500	5.3%	\$180,500	9.3%
	2 Scott County VRW Staff	\$15,000	0.4%	\$15,000	0.8%
	3 Other Dakota County Staff Time	\$12,000	0.4%	\$12,000	0.6%
	4 Legal Support	\$25,000	0.7%	\$25,000	1.3%
	5 Miscellaneous Expenses (per diems, mileage, postage, etc.)	\$6,000	0.2%	\$6,000	0.3%
	6 Training, Conferences, and Certifications	\$2,000	0.1%	\$2,000	0.1%
Subtotal Administrative		\$240,500	7.1%	\$240,500	12.4%
Research and Planning -2170020130	1 Dakota SWCD Incentive Program Policy Assistance	\$1,600	0.0%	\$1,600	0.1%
	2 Scott County Staff	\$2,000	0.1%	\$2,000	0.1%
	3 VRW Staff	\$15,000	0.4%	\$12,000	0.6%
Subtotal Research and Planning		\$18,600	0.5%	\$15,600	0.8%
Monitoring and Assessment -2170020230	1 Vermillion River Monitoring Network in Dakota Co.				
	1a Staff Time for Sample Collection, Equipment Installation, Maintenance	\$39,000	1.2%	\$39,000	2.0%
	1b Data analysis, database management, data reporting, FLUX modeling	\$17,000	0.5%	\$17,000	0.9%
	1c Water Quality Sample Analysis and QA/QC samples	\$19,000	0.6%	\$19,000	1.0%
	1d Equipment and Supplies	\$8,000	0.2%	\$8,000	0.4%
	2 Vermillion River Monitoring Network in Scott Co	\$9,800	0.3%	\$9,800	0.5%
	3 USGS Cost Share for Blaine Ave. Station	\$8,900	0.3%	\$8,900	0.5%
	4 DNR Flow Gaging Assistance	\$9,700	0.3%	\$9,700	0.5%
	5a Biological and Habitat Assessments	\$7,000	0.2%	\$7,000	0.4%
	5b Electrofishing	\$16,000	0.5%	\$16,000	0.8%
6 Monitoring Programs Review and Evaluation	\$15,000	0.4%	\$15,000	0.8%	
7 General GIS support (Dakota SWCD)	\$5,000	0.1%	\$5,000	0.3%	
8 Nitrate Treatment Practice Sampling	\$1,000	0.0%	\$1,000	0.1%	

VRWJPO Draft 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Draft Budget Amount</u>	<u>Budget % of Total</u>	<u>2022 Final Budget Amount</u>	<u>Budget % of Total</u>
	9 Iron Enhanced Sand Filter Performance Sampling	\$2,000	0.1%	\$2,000	0.1%
Subtotal Monitoring and Data Analysis		\$157,400	4.6%	\$157,400	8.1%
Public Communications and Outreach	1 Communication and Outreach Staff	\$100,000	3.0%	\$100,000	5.1%
	2 Vermillion River Watch Program	\$6,000	0.2%	\$6,000	0.3%
-2170020330	3 Vermillion River Stewards	\$0	0.0%	\$0	0.0%
	4 Scott County Outreach Efforts	\$2,250	0.1%	\$2,250	0.1%
	5 Vermillion River Watershed Projects Signage and Map Updates	\$10,000	0.3%	\$5,000	0.3%
	6 Newsletter, Mailings, Website, General Communication Materials	\$10,000	0.3%	\$10,000	0.5%
	7 Landscaping for Clean Water Workshop Program (Dakota SWCD)	\$30,400	0.9%	\$30,400	1.6%
	8 K-12 Classroom Presentations (Dakota SWCD)	\$4,000	0.1%	\$4,000	0.2%
	9 Watershed Tours	\$0	0.0%	\$0	0.0%
	10 Local Standards/ Ordinance and Turf/ Salt Workshops	\$3,500	0.1%	\$3,500	0.2%
Subtotal Public Outreach and Communication		\$166,150	4.9%	\$161,150	8.3%
Regulation	1 Scott SWCD Assistance with Plan Review	\$900	0.0%	\$900	0.0%
-2170020530	2 Engineering Assistance and Review	\$35,000	1.0%	\$35,000	1.8%
	3 VRW Staff Local Program Assistance	\$20,000	0.6%	\$20,000	1.0%
Subtotal Regulation		\$55,900	1.7%	\$55,900	2.9%
Coordination and Collaboration	1 Coordination VRW Staff	\$32,000	0.9%	\$32,000	1.6%
	2 Wetland Health Evaluation Program Cost Share	\$0	0.0%	\$0	0.0%
-2170020531	3 Children's Water Festival Support	\$600	0.0%	\$600	0.0%
	4 Watershed Partners	\$5,000	0.1%	\$5,000	0.3%
	5 Master Water Stewards	\$5,000	0.1%	\$5,000	0.3%
Subtotal Coordination and Collaboration		\$42,600	1.3%	\$42,600	2.2%
Land and Water Treatment					
Capital Improvement	1 Cost Share Programs in Dakota County (SWCD)	\$80,000	2.4%	\$80,000	4.1%

VRWJPO Draft 2023 Budget

<u>Category</u>		<u>Budget Items</u>	<u>2023 Draft Budget Amount</u>	<u>Budget % of Total</u>	<u>2022 Final Budget Amount</u>	<u>Budget % of Total</u>
Projects	2	Cost Share Programs in Scott County (SWCD)	\$31,300	0.9%	\$31,300	1.6%
	-2170920130	3 Cost-share	\$250,000	7.4%	\$215,550	11.1%
		4 WBIF match	\$70,000	2.1%	\$0	0.0%
Subtotal Capital Improvement Projects			\$431,300	12.7%	\$326,850	16.8%
Maintenance	1	Past projects maintenance/ repair	\$70,000	2.1%	\$40,000	2.1%
	-2170920130	2 CIP construction oversight, maintenance/ repair staff costs	\$25,000	0.7%	\$25,000	1.3%
Subtotal Maintenance			\$95,000	2.8%	\$65,000	3.3%
Feasibility/Preliminary Studies		Preliminary Design, Technical Assistance and Marketing for Capital Improvements (Dakota SWCD)	\$40,000	1.2%	\$40,000	2.1%
	-2170020631	2 Preliminary Design, Technical Assistance and Marketing for Capital Improvements	\$180,000	5.3%	\$150,000	7.7%
Subtotal Feasibility/Preliminary Studies			\$220,000	6.5%	\$190,000	9.8%
Irrigation Audit and Cost Share Program	1	Irrigation Audits	\$10,000	0.3%	\$5,000	0.3%
	2170020431	2 Irrigation Cost-Share	\$10,000	0.3%	\$5,000	0.3%
Subtotal Irrigation Audit and Cost Share			\$20,000	0.6%	\$10,000	0.5%
2020-2023 WBIF Grant (BWSR) North Creek	1	North Creek Stabilization	\$337,500	10.0%	\$288,700	14.9%
	-2170020853	2 VRWJPO cash match	\$50,000	1.5%	\$50,000	2.6%
Subtotal 2020-2023 WBIF Grant North Creek Stabilization			<b style="color: red;">\$387,500	11.4%	\$338,700	17.4%
2020-2023 WBIF Grant (BWSR) Farmington Direct	1	Farmington Direct Drainage Assessment	\$0	0.0%	\$13,300	0.7%
	-2170020854	2 VRWJPO cash match	\$0	0.0%	\$3,330	0.2%
Subtotal 2020-2023 WBIF Grant Hastings/ Farmington Direct Drainage			\$0	0.0%	\$16,630	0.9%
2020-2023 WBIF Grant (BWSR) Hastings Direct	1	Hastings Direct Drainage Assessment	\$26,700	0.8%	\$26,700	1.4%

VRWJPO Draft 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Draft Budget Amount</u>	<u>Budget % of Total</u>	<u>2022 Final Budget Amount</u>	<u>Budget % of Total</u>
-2170020855	2 VRWJPO cash match	\$3,330	0.1%	\$3,330	0.2%
Subtotal 2020-2023 WBIF Grant Hastings/ Farmington Direct Drainage		\$30,030	0.9%	\$30,030	1.5%
2020-2023 WBIF Grant					
(BWSR) Ravenna Basins	1 Ravenna Basins Restoration	\$0	0.0%	\$59,000	3.0%
-2170020856	2 VRWJPO cash match	\$0	0.0%	\$26,000	1.3%
Subtotal 2020-2023 WBIF Grant Ravenna Basins Restoration		\$0	0.0%	\$85,000	4.4%
CWF Competitive Grant					
(BWSR) Foxborough TSS	1 Foxborough Park TSS Project	\$346,500	10.2%		
-2170020859	2 VRWJPO cash match	\$30,000	0.9%		
Subtotal CWF Competitive Grant Foxborough Park TSS Project		\$376,500	11.1%		
CWF Competitive Grant					
(BWSR) Ravenna Trail	1 Ravenna Trail Ravine Stabilization	\$495,000	14.6%		
-2170020860	2 VRWJPO cash match	\$50,000	1.5%		
Subtotal CWF Competitive Grant Ravenna Trail Ravine Stabilization		\$545,000	16.1%		
CWF Grant (BWSR)					
-2170020848	1 WBF Grant Admin	\$17,700	0.5%	\$17,700	0.9%
Subtotal WBF Grant Admin		\$17,700	0.5%	\$17,700	0.9%
Weland Bank	Wetland Bank Restoration Funds Reserve	\$155,393	4.6%		
2170020930					
Subtotal Wetland Bank Restoration Funds		\$155,393	4.6%		
Subtotal of Expenditures		\$2,959,573	87.4%	\$1,753,060	90.2%
Cash Reserve		\$427,850	12.6%	\$189,540	9.8%
TOTAL Annual Expenses		\$3,387,423	100.0%	\$1,942,600	100.0%

VRWJPO Draft 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Draft Budget Amount</u>	<u>Budget % of Total</u>	<u>2022 Final Budget Amount</u>	<u>Budget % of Total</u>
REVENUE					
	Wetland Bank	\$155,393	4.6%		
	CIP Reserve	\$350,000	10.3%	\$146,000	7.5%
	CIP Reserve Grant Match	\$133,330	3.9%	\$84,000	4.3%
	Fund Balance from Underspending in Previous Year	\$405,000	12.0%	\$456,000	23.5%
	Grant Carryover	\$664,350			
	CWF Grant (BWSR) Competitive	\$420,750	12.4%	\$0	0.0%
	CWF Grant WBIF (BWSR) 2020-2023	\$243,600	7.2%	\$243,600	12.5%
	Fees for Permitting Activities	\$1,000	0.0%	\$1,000	0.1%
	Dakota County Levy	\$964,900	28.5%	\$967,500	49.8%
	Scott County Levy	\$35,100	1.0%	\$32,500	1.7%
	Investment Earnings	\$14,000	0.4%	\$12,000	0.6%
	TOTAL Annual Revenue	\$3,387,423	100.0%	\$1,942,600	100.0%

Vermillion River Watershed Management Tax District
 Estimated Pay 2023 Taxes * (Dakota County)

6c:Attachment B

Residential Property

Market Value	Tax Capacity	Proposed 2023 Levy								2022 Actual	2021 Actual	2020 Actual	2019 Actual	2018 Actual	2017 Actual	2016 Actual	2015 Actual	2014 Actual	2013 Actual	2012 Actual	2011 Actual	2010 Actual	2009 Actual	
		\$300,000	\$400,000	\$500,000	\$750,000	\$964,900	\$1,000,000	\$1,250,000	\$1,500,000	\$967,500	\$966,650	\$966,000	\$912,900	\$887,900	\$861,700	\$821,140	\$817,500	\$858,900	\$831,600	\$868,000	\$964,700	\$1,047,905	\$1,138,839	
Rate		0.0602%	0.0939%	0.1277%	0.2122%	0.2848%	0.2966%	0.3811%	0.4655%	0.3470%	0.3480%	0.3990%	0.4030%	0.4290%	0.4490%	0.4490%	0.4660%	0.5450%	0.5430%	0.5410%	0.5550%	0.5660%	0.3376%	
Various Values																								
\$150,000	1,263	\$0.76	\$1.19	\$1.61	\$2.68	\$3.60	\$3.75	\$4.81	\$5.88	\$4.38	\$4.39	\$5.04	\$5.09	\$5.42	\$5.67	\$5.67	\$5.88	\$6.88	\$6.86	\$6.83	\$7.01	\$7.15	\$4.26	
\$170,000	1,481	\$0.89	\$1.39	\$1.89	\$3.14	\$4.22	\$4.39	\$5.64	\$6.89	\$5.14	\$5.15	\$5.91	\$5.97	\$6.35	\$6.65	\$6.65	\$6.90	\$8.07	\$8.04	\$8.01	\$8.22	\$8.38	\$5.00	
\$185,000	1,644	\$0.99	\$1.54	\$2.10	\$3.49	\$4.68	\$4.88	\$6.27	\$7.65	\$5.71	\$5.72	\$6.56	\$6.63	\$7.05	\$7.38	\$7.38	\$7.66	\$8.96	\$8.93	\$8.89	\$9.12	\$9.31	\$5.55	
\$190,000	1,699	\$1.02	\$1.60	\$2.17	\$3.60	\$4.84	\$5.04	\$6.47	\$7.91	\$5.89	\$5.91	\$6.78	\$6.85	\$7.29	\$7.63	\$7.63	\$7.92	\$9.26	\$9.22	\$9.19	\$9.43	\$9.61	\$5.74	
\$200,000	1,808	\$1.09	\$1.70	\$2.31	\$3.84	\$5.15	\$5.36	\$6.89	\$8.41	\$6.27	\$6.29	\$7.21	\$7.28	\$7.75	\$8.12	\$8.12	\$8.42	\$9.85	\$9.82	\$9.78	\$10.03	\$10.23	\$6.10	
\$210,000	1,917	\$1.15	\$1.80	\$2.45	\$4.07	\$5.46	\$5.69	\$7.30	\$8.92	\$6.65	\$6.67	\$7.65	\$7.72	\$8.22	\$8.61	\$8.61	\$8.93	\$10.45	\$10.41	\$10.37	\$10.64	\$10.85	\$6.47	
\$225,000	2,080	\$1.25	\$1.95	\$2.66	\$4.41	\$5.92	\$6.17	\$7.93	\$9.68	\$7.22	\$7.24	\$8.30	\$8.38	\$8.92	\$9.34	\$9.34	\$9.69	\$11.34	\$11.29	\$11.25	\$11.54	\$11.77	\$7.02	
\$250,000	2,353	\$1.42	\$2.21	\$3.00	\$4.99	\$6.70	\$6.98	\$8.97	\$10.95	\$8.16	\$8.19	\$9.39	\$9.48	\$10.09	\$10.56	\$10.56	\$10.96	\$12.82	\$12.77	\$12.73	\$13.06	\$13.32	\$7.94	
\$275,000	2,625	\$1.58	\$2.47	\$3.35	\$5.57	\$7.48	\$7.79	\$10.00	\$12.22	\$9.11	\$9.14	\$10.47	\$10.58	\$11.26	\$11.79	\$11.79	\$12.23	\$14.31	\$14.25	\$14.20	\$14.57	\$14.86	\$8.86	
\$290,000	2,789	\$1.68	\$2.62	\$3.56	\$5.92	\$7.94	\$8.27	\$10.63	\$12.98	\$9.68	\$9.70	\$11.13	\$11.24	\$11.96	\$12.52	\$12.52	\$12.99	\$15.20	\$15.14	\$15.09	\$15.48	\$15.78	\$9.42	
\$300,000	2,898	\$1.74	\$2.72	\$3.70	\$6.15	\$8.25	\$8.60	\$11.04	\$13.49	\$10.05	\$10.08	\$11.56	\$11.68	\$12.43	\$13.01	\$13.01	\$13.50	\$15.79	\$15.73	\$15.68	\$16.08	\$16.40	\$9.78	
\$307,300	2,977	\$1.79	\$2.80	\$3.80	\$6.32	\$8.48	\$8.83	\$11.35	\$13.86	\$10.33	\$10.36	\$11.88	\$12.00	\$12.77	\$13.37	\$13.37	\$13.87	\$16.23	\$16.17	\$16.11	\$16.52	\$16.85	\$10.05	
\$359,500	3,546	\$2.13	\$3.33	\$4.53	\$7.52	\$10.10	\$10.52	\$13.51	\$16.51	\$12.31	\$12.34	\$14.15	\$14.29	\$15.21	\$15.92	\$15.92	\$16.53	\$19.33	\$19.26	\$19.18	\$19.68	\$20.07	\$11.97	
\$375,000	3,715	\$2.24	\$3.49	\$4.75	\$7.88	\$10.58	\$11.02	\$14.16	\$17.29	\$12.89	\$12.93	\$14.82	\$14.97	\$15.94	\$16.68	\$16.68	\$17.31	\$20.25	\$20.17	\$20.10	\$20.62	\$21.03	\$12.54	
\$400,000	3,988	\$2.40	\$3.75	\$5.09	\$8.46	\$11.36	\$11.83	\$15.20	\$18.56	\$13.84	\$13.88	\$15.91	\$16.07	\$17.11	\$17.90	\$17.90	\$18.58	\$21.73	\$21.65	\$21.57	\$22.13	\$22.57	\$13.46	
\$425,000	4,260	\$2.56	\$4.00	\$5.44	\$9.04	\$12.13	\$12.64	\$16.23	\$19.83	\$14.78	\$14.83	\$17.00	\$17.17	\$18.28	\$19.13	\$19.13	\$19.85	\$23.22	\$23.13	\$23.05	\$23.64	\$24.11	\$14.38	
\$450,000	4,533	\$2.73	\$4.26	\$5.79	\$9.62	\$12.91	\$13.44	\$17.27	\$21.10	\$15.73	\$15.77	\$18.09	\$18.27	\$19.44	\$20.35	\$20.35	\$21.12	\$24.70	\$24.61	\$24.52	\$25.16	\$25.65	\$15.30	
\$475,000	4,805	\$2.89	\$4.51	\$6.14	\$10.20	\$13.68	\$14.25	\$18.31	\$22.37	\$16.67	\$16.72	\$19.17	\$19.36	\$20.61	\$21.57	\$21.57	\$22.39	\$26.19	\$26.09	\$26.00	\$26.67	\$27.20	\$16.22	
\$500,000	5,078	\$3.05	\$4.77	\$6.49	\$10.77	\$14.46	\$15.06	\$19.35	\$23.64	\$17.62	\$17.67	\$20.26	\$20.46	\$21.78	\$22.80	\$22.80	\$23.66	\$27.67	\$27.57	\$27.47	\$28.18	\$28.74	\$17.14	

Estimated TCAP Pay 2023 (as of 08/16/2021)	296,029,324
Pay 2022 Median Value: 307,300	
Pay 2023 Median Value: 359,500	

WHAT IF TAX COMPARISON PAY 2022 vs Pay 2023

FISCAL YEAR 2022	
8,697,417 GROSS TAX CAPACITY (11,047) 10% KV TRANS LINE (-) (456,738) FISCAL DISPARITY (-)	\$ 32,500 FINAL CERTIFIED LEVY
8,229,632 NET TAX CAPACITY	\$ (3,475) FISCAL DISPARITY (-) \$ 29,025 TAX LEVY OR SPREAD LEVY
Tax Rate	0.353%
FISCAL YEAR 2023	
11,250,533 GROSS TAX CAPACITY (11,122) 10% KV TRANS LINE (-) (483,703) FISCAL DISPARITY (-)	\$ 35,100 PROPOSED LEVY OR CERTIFIED LEVY
10,755,708 NET TAX CAPACITY	\$ (3,475) FISCAL DISPARITY (-) \$ 31,625 TAX LEVY OR SPREAD LEVY
Tax Rate	0.294%

6c: Attachment C

RESIDENTIAL IMPACTS

	% Value Range Inc/Dec	# of affected Properties	Average Market Value 2022	Average Market Value 2023	Value Exclusion 2022	Taxable Market Value 2022	Value Exclusion 2023	Taxable Market Value 2023	Taxable % Chg 2022-2023	Pay 2022	Pay 2023	Net Inc/Dec 2022 vs 2023	Net Difference % Change	Median & Average Values			
										Net Payable 2022	Net Payable 2023			2022 Median Values	2023 Median Values	2023 Average Values	2023 Value % Change
Elko New Mrkt City 1533	+15.01+%	1444	\$ 311,000	\$ 357,650	\$ 9,250	\$ 301,750	\$ 5,052	\$ 352,599	16.85%	\$ 10.64	\$ 10.37	\$ (0.27)	-2.583%	\$ 316,300	\$ 398,700	\$ 389,800	26.1%
	+10.01-15.00%	78	\$ 311,000	\$ 349,875	\$ 9,250	\$ 301,750	\$ 5,751	\$ 344,124	14.04%	\$ 10.64	\$ 10.12	\$ (0.52)	-4.925%				
	+5.01-10.00%	9	\$ 311,000	\$ 334,325	\$ 9,250	\$ 301,750	\$ 7,151	\$ 327,174	8.43%	\$ 10.64	\$ 9.62	\$ (1.02)	-9.608%				
	+0.01-5.00%	1	\$ 311,000	\$ 318,775	\$ 9,250	\$ 301,750	\$ 8,550	\$ 310,225	2.81%	\$ 10.64	\$ 9.12	\$ (1.52)	-14.291%				
	No Change	0	\$ 311,000	\$ 311,000	\$ 9,250	\$ 301,750	\$ 9,250	\$ 301,750	0.00%	\$ 10.64	\$ 8.87	\$ (1.77)	-16.632%				
	-0.01-5.00%	0	\$ 311,000	\$ 303,225	\$ 9,250	\$ 301,750	\$ 9,950	\$ 293,275	-2.81%	\$ 10.64	\$ 8.62	\$ (2.02)	-18.973%				
	-5.01-10%	0	\$ 311,000	\$ 287,675	\$ 9,250	\$ 301,750	\$ 11,349	\$ 276,326	-8.43%	\$ 10.64	\$ 8.12	\$ (2.52)	-23.656%				
	-10.01-15%	0	\$ 311,000	\$ 272,125	\$ 9,250	\$ 301,750	\$ 12,749	\$ 259,376	-14.04%	\$ 10.64	\$ 7.63	\$ (3.02)	-28.339%				
-15.01+	1	\$ 311,000	\$ 264,350	\$ 9,250	\$ 301,750	\$ 13,449	\$ 250,902	-16.85%	\$ 10.64	\$ 7.38	\$ (3.27)	-30.680%					
New Market Twp 1147	+15.01+%	1082	\$ 484,200	\$ 556,830	\$ -	\$ 484,200	\$ -	\$ 556,830	15.00%	\$ 17.08	\$ 16.79	\$ (0.29)	-1.681%	\$ 463,200	\$ 592,500	\$ 614,500	27.9%
	+10.01-15.00%	46	\$ 484,200	\$ 544,725	\$ -	\$ 484,200	\$ -	\$ 544,725	12.50%	\$ 17.08	\$ 16.35	\$ (0.73)	-4.286%				
	+5.01-10.00%	8	\$ 484,200	\$ 520,515	\$ -	\$ 484,200	\$ -	\$ 520,515	7.50%	\$ 17.08	\$ 15.46	\$ (1.62)	-9.496%				
	+0.01-5.00%	1	\$ 484,200	\$ 496,305	\$ -	\$ 484,200	\$ -	\$ 496,305	2.50%	\$ 17.08	\$ 14.59	\$ (2.48)	-14.548%				
	No Change	2	\$ 484,200	\$ 484,200	\$ -	\$ 484,200	\$ -	\$ 484,200	0.00%	\$ 17.08	\$ 14.24	\$ (2.84)	-16.632%				
	-0.01-5.00%	1	\$ 484,200	\$ 472,095	\$ -	\$ 484,200	\$ -	\$ 472,095	-2.50%	\$ 17.08	\$ 13.88	\$ (3.20)	-18.716%				
	-5.01-10%	1	\$ 484,200	\$ 447,885	\$ -	\$ 484,200	\$ -	\$ 447,885	-7.50%	\$ 17.08	\$ 13.17	\$ (3.91)	-22.885%				
	-10.01-15%	5	\$ 484,200	\$ 423,675	\$ -	\$ 484,200	\$ -	\$ 423,675	-12.50%	\$ 17.08	\$ 12.46	\$ (4.62)	-27.053%				
-15.01+	1	\$ 484,200	\$ 411,570	\$ -	\$ 484,200	\$ 199	\$ 411,371	-15.04%	\$ 17.08	\$ 12.10	\$ (4.98)	-29.171%					
County Wide		46,381	\$ 358,100	\$ 439,800	\$ 5,011	\$ 353,089	\$ -	\$ 439,800	24.56%	\$ 12.45	\$ 12.93	\$ 0.48	3.841%	\$ 321,400	\$ 393,900	\$ 439,800	22.6%

6b. Presentation of Activity Funding Requests for Minnesota Board of Water and Soil Resources Fiscal Years 2022-2023 Watershed-Based Implementation Funding

Meeting Date: 8/10/2022
Item Type: Regular-Action
Contact: Travis Thiel
Telephone: 952-891-7546
Prepared by: Travis Thiel
Reviewed by: N/A

N/A



PURPOSE/ACTION REQUESTED

- Presentation of activity funding requests for Minnesota Board of Water and Soil Resources (BWSR) Fiscal Years 2022-2023 Watershed-Based Implementation Funding (WBIF)

SUMMARY

The BWSR’s Fiscal Year 2022-2023 WBIF grant has \$673,331 available for activities in the Vermillion River Watershed. The [Grant’s Policy](#) requires organizations in the watershed who have an eligible plan to apply for grant funding to assist in paying for grant-eligible water resource improvement activities. Vermillion River Watershed Joint Powers Organization (VRWJPO) staff have held “convene” meetings with local stakeholders and BWSR to discuss grant funding, eligible activities, the process for activity submission, and grant execution. From those meetings, it was decided that the two project categories that would be considered for funding would be Assessments & Engineering and Projects & Practices.

VRWJPO staff offered to compile funding requests from interested stakeholders. A total of eight funding requests were received totaling \$673,000 and include activities from both the Assessments & Engineering and Projects & Practices categories. Attachment A provides a summary of the funding requests received. A convene meeting will be held on August 10th, 2022 from 10-12 p.m. to discuss project eligibility, rankings for project funding, prioritization, and which projects will be submitted to BWSR as part of grant budget requests. Once approved by BWSR, grant work plans would need to be developed before formal grant agreements could be executed. Staff anticipate grants to be executed in late fall or early winter.

At the August 10, 2022 Vermillion River Watershed Planning Commission meeting staff will provide a summary of the convene meeting discussion and projects that will be submitted to BWSR.

EXPLANATION OF FISCAL/FTE IMPACT

VRWJPO and stakeholders will be required to meet the 10-percent minimum grant match requirement.

Supporting Documents: Attachment A-WBIF Activity Requests

Previous Board Action(s):

RESOLUTION

**6b. Presentation of Activity Funding Requests for Minnesota Board of Water and Soil Resources Fiscal Years
2022-2023 Watershed-Based Implementation Funding**

Information only

Activity Category	Entity Requesting Funding (Grantee)	Activity Name	Activity Description	Water Resource(s) Benefited	Grant Funds Requested	Non-State Match**	Total Activity Cost	Proposed Measurable Outcome(s) of Activity
Projects & Practices	City of Lakeville	Middle Creek Restoration at Dodd Avenue	2,200 foot long creek restoration for two reaches of the Middle Creek	Middle Creek, Vermillion River	\$ 360,000	\$ 36,000	\$ 396,000	Reduction of: 21,500 lb-TSS/yr 64.5 lb-TP/yr
Projects and Practices	Dakota County SWCD	Agricultural BMPs in subwatersheds with completed SWAs	Installation of Ag BMPs based on locations identified in completed subwatershed analyses (SWAs). BMPs would include structural practices and nonstructural practices when that BMP type was identified within the completed SWA. Potential practices in SWA include: cover crop, critical area planting, filter strip, grade stabilization structure, grassed waterway, stream and shoreline protection, water and sediment control basin. Outreach to landowners and project development would focus on the 25 highest ranking projects from each SWA first.	Vermillion River, Upper Main Stem, and South Branch Vermillion River	\$ 50,000	\$ 5,000	\$ 55,000	75 tons/yr reduction in sediment
Projects and Practices	Dakota County SWCD	Nitrate Reduction Practices	Target nitrate reduction practices in areas of very high, high, high medium and medium water table aquifer vulnerability areas. Practices include cover crops and harvestable covers. Funding would be used for project implementation and landowner incentives.	Groundwater	\$ 40,000	\$ 4,000	\$ 44,000	1,200 lbs/yr reduction in nitrate
Projects and Practices	Dakota County SWCD	Irrigation Water Management	Increase use of irrigation scheduling tools and precision technology through outreach and technical assistance to farmers. Conduct field trials of technologies and tools. Provide services such as soil moisture sensor readings and assist with incorporating data into scheduling tools. Efficient irrigation water management will reduce overall water usage and reduce nitrate leaching events. Project is identified in WRAPS (Develop an educational campaign for both Agricultural and Urban landuses that promotes efficient water usage.)	Groundwater	\$ 15,000	\$ 1,500	\$ 16,500	Increase IMA users to 10 in the Vermillion River Watershed. Host at least 2 trials.
Projects and Practices	Dakota County SWCD	Targeted Outreach on Groundwater Practices	One-on-one outreach as well as tailored messaging based upon audience to develop projects and practices that protect groundwater. Incorporate field demonstration days and start farmer-led group(s). Use GW maps to prioritize locations, practices, and pollution reduction impacts.	Groundwater	\$ 30,000	\$ 3,000	\$ 33,000	Provide personalized information to 30 farmers, host 2 field days and start 1 farmer group.
Projects and Practices	City of Apple Valley	EVR-P11 Pond Enhancements	Excavation of existing pond to include additional volume through either expanded detention or an infiltration bench	Long and Farquar Lake	\$ 115,000	\$ 85,000	\$ 200,000	2.21 lbs estimated pollutant removal
Assessments and Engineering	VRWJPO	Alimagnet Lake Alum Treatment Feasibility Study	Study investigating feasibility of alum treatment on Alimagnet Lake	Alimagnet Lake	\$ 36,000	\$ 9,000	\$ 45,000	One completed alum treatment feasibility study
Assessment and Engineering	Dakota County SWCD	Lower Mainstem Subwatershed Analysis (SWA)	A subwatershed analysis will take place on a tributary to the lower mainstem subwatershed of the Vermillion River. The subwatershed will identify and rank projects based on cost-effectiveness. Project is identified in watershed plan (Conduct subwatershed assessments) and in SWCD comprehensive plan (Complete assessments to prioritize projects and develop preliminary cost/benefit analysis).	Vermillion River	\$ 27,000	\$ 3,000	\$ 30,000	1 completed subwatershed analysis
					\$ 673,000	\$ 143,500	\$ 816,500	Total Requested Funding
					\$ 673,331			Total Allocation Available
					\$ 331			Difference