



Agenda

Vermillion River Watershed Joint Powers Board Meeting

March 23, 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 January 26, 2023, Meeting Page 3
 - c. Acceptance of Treasurer's Reports Page 12
 - d. Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization Administrator and Co-administrator Page 13
5. Approval of Expenses Action Page 16
6. Business Items
 - a. Candidate Consideration and Appointment to the Vermillion River Watershed Planning Commission Action Page 18
 - b. Authorization to Begin Vermillion River Watershed Management Plan Update Action Page 24
 - c. Presentation on Groundwater Levels in Dakota County Information Page 26
 - d. Discussion of Elko-New Market Water Appropriations Information Page 41
 - e. Presentation of Proposed Amendments to VRWJPO 2023 Budget Information Page 45
 - f. Watershed Tour Planning for 2023 Information Page 54
7. Staff Reports
8. Adjourn Action

Please note, the March 23, 2023, Vermillion River Watershed Joint Powers Board meeting will take place **in-person** in Conference Room A at the Extension and Conservation Center, 4100 220th Street West, Farmington Minnesota **and via teleconference** on the web-based application, Microsoft Teams.



Microsoft Teams meeting

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Other Information

Next Meeting Date: **April 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

January 26, 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

Others in Attendance

Renee Christianson, City of Elko-New Market, City Planner

Tom Terry, City of Elko-New Market, City Administrator

Janelle Kuznia, Elko-New Market Citizen

Carrie Jennings, Freshwater

Samantha Berger, City of Apple Valley, Staff (virtual)

Jessica Schaum, City of Apple Valley, Staff (virtual)

Bruce Johnson, Dakota County SWCD, Supervisor

Brian Watson, Dakota County SWCD, Manager

Troy Kuphal, Scott SWCD, Manager (virtual)

Valerie Neppl, Dakota County, Groundwater Protection Unit Supervisor

Nikki Stewart, Dakota County, Environmental Resources Department Director

Paul Beaumaster, Assistant Dakota County Attorney, VRWJPO Counsel

Travis Thiel, Dakota County, VRWJPO Senior Watershed Specialist

Mark Ryan, Dakota County, VRWJPO Water Resources Engineer

Brita Moore-Kutz, Dakota County, VRWJPO Communications and Outreach Specialist

Mark Zabel, Dakota County, VRWJPO Watershed Administrator

1. Call to Order

Meeting was called to order at 1:00 p.m.

2. Election of Officers

Mark Zabel called for nominations for Chair. Commissioner Hamann-Roland nominated Commissioner Slavik as Chair. There were no other nominations. Mark Zabel called for any objection to the election of Commissioner Slavik as Chair. There was no objection.

Commissioner Slavik was elected Chair by acclamation. Chair Slavik asked for nominations for Vice-chair. Commissioner Hamann-Roland nominated Commissioner Wolf as Vice-chair. There were no other nominations. Commissioner Wolf was unanimously elected as Vice-chair. Chair Slavik called for nominations for Secretary-Treasurer. Commissioner Wolf nominated Commissioner Hamann-Roland as Secretary-Treasurer. There were no other nominations. Commissioner Hamann-Roland was unanimously elected Secretary-Treasurer.

3. Roll Call

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

4. Audience Comments on Items Not on the Agenda

Janelle Kuznia addressed the Board regarding the proposed development by Niagara Bottling, LLC in the City of Elko-New Market. Janelle expressed concerns regarding the Vermillion River Watershed and the newly identified Kelleher Fen in the Murphy-Hanrehan Park Reserve and the overall need for management of groundwater in the area. Niagara Bottling is proposing to use the Elko-New Market municipal water supply for its water bottling and distribution process requesting up to 310 million gallons of water per year at its ultimate build-out. Currently, the City of Elko-New Market has an appropriations permit allowing for 135 million gallons per year of withdrawal. Last years' (2021) actual reported use for the City was 126 million gallons. The City has applied to the Minnesota DNR for an increase in its appropriations to 365 million gallons per year or 2.7 times its current appropriations. Janelle also noted that the Niagara Bottling phase 1 proposal would immediately more than double the Cities current water use. Citizens submitted a petition for an Environmental Assessment Worksheet (EAW) for this project. The Environmental Quality Board has assigned the Minnesota DNR as the Responsible Governmental Unit for a decision on the need for an EAW. The DNR is expected to provide a decision by the end of February. The Citizen petitioners believe that further testing is needed to protect groundwater resources and sensitive surface water resources (Vermillion River and Kelleher Fen) and local domestic wells. Janelle provided a slide showing a schematic of the Elko-New Market water supply and distribution and pointed out the location of proposed new wells to be placed to the north of the developed area of the City near the headwater of the Vermillion River. Janelle asked what this proposed development might do to the Vermillion River. Janelle suggested that a multiple-aquifer test is required to determine if aquifers in the area are connected and withdrawals from the deeper Jordan aquifer might impact the overlying aquifers. Janelle referred to a multi-aquifer test that was performed in the City of Lakeville for increased use that resulted in identifying a negative impact reducing flow to the South Creek tributary to the Vermillion River. Janelle indicated that no similar testing has been done in Scott County in the Elko-New Market area. Janelle referred to the newly identified Kelleher Fen, a calcareous fen in Murphy-Hanrehan Regional Park Reserve and Burnsville City Park which is a unique groundwater supported resource that is highly sensitive. Minnesota State laws direct the DNR prepare and approve a Fen Management Plan that would act to protect the fen. To Janelle's knowledge, the DNR has not yet completed a management plan for the Kelleher Fen. A new study is needed in this area to determine if surrounding City wells in the southwest region of the Twin Cities Metro Area are already affecting the Kelleher Fen. Janelle shared a slide prepared by the City of Elko-New Market showing water use for several cities in the area

around Elko-New Market. Janelle noted several of the cities on the slide whose reported use is already close to or in exceedance of their permitted appropriations. In closing, Janelle requests that the VRWJPO please contact the DNR in writing in support of an EAW for the Elko-New Market project, a multiple aquifer test, and a groundwater study to look into cumulative effects of regional groundwater use.

Commissioner Wolf asked to review the slide showing a graphic of municipal water supplies in the area in bar graph comparison. Tom Terry indicated the City of Elko-New Market current usage and each of the proposed usages with the two phases of the water bottling project for comparison. Tom pointed out that the current request for appropriations by the City of Elko-New Market includes needs for the City for the next several years and the inclusion of phase 1 of the bottling plant proposal, but does not include phase 2. Commissioner Wolf pointed out that what is depicted for use by the City of Elko-New Market, both existing and proposed, amounts to only a small percentage of what is being taken from the aquifer by others. Tom Terry noted that the Prairie du Chien – Jordan aquifer is extensive in area (reaching into many mid-western states) and widely used. Tom added that the amount of water being discussed in the proposed appropriations permit is 0.4% of what is removed from the aquifer in the State of Minnesota on an annual basis. Tom Terry commented that there are processes in place in the State of Minnesota for the protection of aquifers and the states' waters through the Minnesota Department of Natural Resources. Tom noted that citizens have accessed these processes, as is their right, in requesting the DNR consider if additional study is required. Tom indicated that Minnesota has a robust system of environmental review among the highest of states in this region in the protection of natural resources. Tom Terry asks that the City receive fair, impartial, action consistent with normal practices by agencies reviewing and those agencies which may comment in review.

Carrie Jennings commented in support of Janelle's presentation and comments. Carrie commented specifically supporting a regional groundwater study, which would look at the use of groundwater on a holistic basis and its potential impacts. Carrie noted the concern with cumulative impacts and the potential effect of additional pumping on deepening cones of depression in the aquifer around the City of Lakeville and its potential effect in decreasing groundwater contributions to the Vermillion River. The river is near important temperature thresholds and losing its source water would quickly degrade the water quality.

There were no further comments. Chair Slavik thanked all those who spoke and invited guests to stay for the rest of the meeting if they so wished.

5. Approval of Consent Agenda

- a. Approval of Agenda
- b. Approval of Minutes from the December 1, 2022, Meeting
- c. Acceptance of Treasurer's Report
- d. Authorization to Execute a Joint Powers Agreement with Dakota County Soil and Water Conservation District for Services in 2023

- e. Authorization to Execute a Joint Powers Agreement with Scott Soil and Water Conservation District for Services in 2023

Res. No. VRW 23-01: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to approve the consent agenda.

6. Approval of Expenses

Mark Zabel presented the current expenses for approval as shown on item 6.

Res. No. VRW 23-02: Motion by Commissioner Wolf, Second by Commissioner Hamann-Roland and passed on a 3-0 vote to approve the expenses totaling \$193,595.22 incurred between November 14, 2022, and December 31, 2022.

Business Items

7a. Presentation of 2023 Vermillion River Watershed Joint Powers Organization Communications Plan

Chair Slavik introduced the item. Brita Moore-Kutz began the presentation of the Communications, Outreach, and Engagement Plan 2023 by noting the addition of the term Engagement in the title to better reflect the intent of the efforts of the plan to further engage the public with the VRWJPO. In this update, Brita expanded the scope to be a more complete description of the watershed and its resources. Brita noted that engagement entails a lot of collaboration with partners which has been a strength for the VRWJPO but identifying it provides clarity in the Plan. The primary reference source for activities within the Plan is the 2016-2025 Vermillion River Watershed Management Plan and its goals and objectives for outreach. That is not the only resource for the Plan and other sources are identified in the References section. Measurable outcomes for the Plan will be provided in the Annual Report and Measurable Outcomes report this year. The document is a living document and so is open to amendment as needed. It is an internal document that is used to guide our activities in the areas of communications, outreach, and engagement. We are open to any input Board members may have and any comments should be directed to Mark Zabel.

Commissioner Hamann-Roland thanked Brita for her efforts and noted that as an alternate to the Board last year she appreciated following the activities of the VRWJPO. Commissioner Hamann-Roland inquired about Stewardship Grants. Brita responded that the Stewardship Grants haven't been offered over the past few years in part due to fiscal concerns. But that offering them could be a future consideration. Commissioner Slavik added that there were concerns around the Stewardship Grants beyond just the fiscal aspects and that there was a lot of discussion for little return. Commissioner Hamann-Roland asked if there might be a reconsideration of the program. Commissioner Slavik noted that the initial effort was around the same time as the onset of the Dakota County Volunteer Program which now provides a significant resource in support of natural resources activity.

Commissioner Slavik noted that the function of communication and outreach is very important but the measurables on its impact is much harder to effectively perform. Commissioner Slavik

suggests that some communications outcomes be reported regularly through staff updates to keep Board members informed about the effect of outreach activities.

7b. Authorization to Execute an Agreement with the Minnesota Board of Water and Soil Resources for a Fiscal Year 2023 Clean Water Fund Grant

Chair Slavik introduced the item. Travis Thiel informed the Board that staff had applied to the Minnesota Board of Water and Soil Resources (BWSR) for grant funds through the Clean Water Fund for implementation of a fish barrier and rough fish removal in East Lake in the City of Lakeville. The application was made last summer, and staff were notified in December of a grant funding award of \$300,000 to support the project. The project will install a fish barrier at the outlet of East Lake to North Creek to prevent movement of rough fish (carp and goldfish) between the two water bodies. The total project cost is estimated at approximately \$375,000 when considering the rough fish removals planned in addition to the barrier. Match in the amount of \$75,000 will be applied to engineering and fish removals and will be split between the VRWJPO and City. Staff recommend execution of the grant agreement between the BWSR and VRWJPO.

Res. No. VRW 23-03: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to authorize execution of an agreement with the BWSR in an amount not to exceed \$300,000 for a Clean Water Fund Grant.

7c. Authorization to Execute a Joint Powers Agreement with the City of Lakeville for the East Lake Rough Fish Barrier and Rough Fish Removals Project

Chair Slavik introduced the item. Travis Thiel described this item as the method to convey funding from the Clean Water Fund grant for the fish barrier described in the previous item along with VRWJPO match contribution for project implementation to the City of Lakeville. The City of Lakeville is managing the construction of the project and fish removals.

Res. No. VRW 23-04: Motion by Commissioner Hamann-Roland, Second by Commissioner Wolf and passed on a 3-0 vote to authorize execution of a Joint Powers Agreement with the City of Lakeville for the East Lake rough fish barrier and rough fish removals project in an amount not to exceed \$337,500.

Staff Reports

Travis Thiel

Travis reported that staff from the City of Rosemount invited VRWJPO staff to join discussions about development of a new Public Works and Police Campus for future construction and currently in the planning stage. Plans are in consideration for significant stormwater treatment on-site along with potential capture and reuse of rainwater for vehicle washing. Practices in consideration could have a large positive impact for conservation of groundwater and stormwater management. More details of this development will be reported in future as the project moves forward.

Brian Watson

Brian thanked the Board for their approval of this year's Joint Powers Agreement with the Dakota County Soil and Water Conservation District and the ongoing partnership and support of the work with the watershed. Brian noted that the cost share policies of the Dakota County SWCD will be on the SWCD's agenda for approval in February that includes changes to policies addressing some non-structural practices such as cover crops and harvestable filter strips, generally with some funding increases. Brian also mentioned that the "Landscaping for Clean Water" program workshops are scheduled and will begin soon with both in-person and virtual options.

Valerie Neppl

Valerie highlighted the "We Are Water MN" exhibit that was hosted by Dakota County and efforts in support of the exhibit that were partnered with the VRWJPO. Valerie noted that "We Are Water MN" is among the projects in consideration for a Dakota County "HEROES" award.

Brita Moore-Kutz

Brita commented that she is currently planning for events in 2023 with the expectation that the VRWJPO will be collaborating with partners such as the City of Lakeville for their Earth Day event. Brita noted that VRWJPO staff are planning to modify their newsletter process by changing both the format and timing of newsletters to four email newsletters with more targeted emails for different groups in addition to the newsletters. First newsletter is planned for March, early Spring. Brita also reported that six interpretive signs for projects have completed designs and the VRWJPO will be soliciting quotes for sign fabrication with the expectation of placing completed signs sometime after Spring thaw. Commissioner Hamann-Roland asked if there might be an opportunity for the Board to go out to see some of these installations. Mark Zabel added that interpretive signs for projects are not pursued for all projects but are targeted to projects that have public exposure and access. Mark also commented that there will be an opportunity to review some projects this year as the VRWJPO plans its biennial tour.

Mark Ryan

Mark Ryan reported that the Senior Water Resources Engineer for Dakota County has resigned his position and Mark has applied for that position. Mark reported that there was a meeting held with Fisheries and Waters staff of the Minnesota Department of Natural Resources and staff from the VRWJPO and Dakota County. The meeting focused on areas of common interest and the application of State of Minnesota Rules in permitting, especially regarding fish passage. The meeting was useful for increasing understanding between the parties and will hopefully lead to better communication and coordination going forward.

Mark Zabel

Mark noted that the Minnesota Clean Water Council released their funding recommendations for Clean Water Fund for the next biennium and the Minnesota Board of Water and Soil Resources is recommended to receive significant funding (approximately \$150M). BWSR Clean Water Fund has been a significant source of funding for projects of the VRWJPO from both Watershed Based Implementation Funds and from Competitive Grant Funds. That is good news

for the VRWJPO as we expect that will continue. The VRWJPO has partnered with the SWCDs in funding some cover crop and soil health types of projects through cost share. The Governors' Budget is proposing to increase from \$5M in the previous budget to \$27M in State funding which would leverage another \$15M in Federal funding, representing an eightfold increase for soil health programs. There could be some policy development in this area to address how these dollars are rolled out into program delivery.

Commissioner Slavik asked if BWSR had addressed how Watershed Based Implementation Funding distribution is being planned. Mark Zabel stated that he believes the distribution formula will continue as had been done previously, at least there is no new information at this point. Mark described that the number of completed One Watershed, One Plan plans increases each year and the amount of funding allocated to those plans increases accordingly. Those increases cause the overall funds available for competitive grant funds to decrease. The overall allocation to the Seven County Metro Area remains approximately the same (proportionally). Brian Watson noted that this refers to the allocation, but the actual distribution is according to BWSR policy and that has remained the same. The manner of funds distribution within the Seven County Metro has changed with each round but is expected to remain the same as last round.

Mark asked if the Board wanted to revisit the request from citizens of Elko-New Market. Commissioner Slavik commented that the timeline for the State Agencies to make a decision is fairly tight. Mark stated that the DNR decision was originally targeted to be available by today. However, DNR requested an extension from the City of 30 days for their decision and so that deadline is now set for February 25, 2023. If there is a requirement for an EAW that would have its own comment period. If there isn't a requirement for an EAW, there would still be a comment period on the appropriations permit. Commissioner Slavik asked if the VRWJPO generally commented on DNR appropriations permits in past practice. The VRWJPO has not generally commented on appropriations permits of EAWs unless there was something that engaged with VRWJPO Standards or practices. But, we have never had a specific citizen request to comment in support of an EAW. Mark shared that he recently received notice from the DNR on a well assessment that was performed as a preliminary well construction assessment for the City of Rosemount. A well assessment is another tool that DNR uses to evaluate the potential impact of well construction and appropriation. In this case, this would be preliminary to the request for an appropriations permit. Rosemount is proposing to construct a new well and this assessment was to determine whether that new well construction would have any potential negative impacts. The assessment discovered that the resulting cone of depression from planned pumping would negatively impact a private well. This resulted in a request for a change in the planned pumping for that well to avoid the impact. Commissioner Slavik asked if the Metropolitan Council has been involved in this. Mark Zabel responded that the Metropolitan Council is involved as a planning entity and is involved in public water supply planning. Tom Terry noted that, in discussion with DNR staff and the City's consultant staff, the Metropolitan Council would be involved in consultation on the appropriations permitting. Commissioner Slavik commented that he had watched a recent meeting of the Metropolitan Council and that the Council decided that it would not take an action at this point. Commissioner Wolf

commented that there has been a great deal of growth in the area resulting in additional withdrawals of groundwater and no one has come to our VRWJPO meetings commenting on these withdrawals so there is no precedent for an action. Mark noted that the VRWJPO does not have a direct authority regarding appropriations, that authority lies entirely with the DNR. We haven't commented on appropriations in the past as we have not had a citizen request to do so. Commissioner Wolf asked what percentage had been presented for the appropriation request compared to existing withdrawals. Tom Terry reported that 0.4% of the total appropriations from the Prairie du Chien-Jordan aquifer for the State of Minnesota is being requested. Many of the other cities in the area continue to expand and continue to withdraw water and Elko-New Market should have similar opportunity. Mark highlighted that the VRWJPO has implemented its Irrigation Audit and Cost Share program as means to engage with cities for water conservation to reduce demands on water supplies. Commissioner Slavik offered that the rigorous process of the State should be allowed to play out and the VRWJPO could consider comment once a decision has occurred and a comment period identified. At that time, it may be appropriate to place an item on the agenda for the Board to discuss and decide on whether to comment and what comments may be provided. Commissioner Hamann-Roland agreed that this is a reasonable approach and thanked the guest who came to the meeting to speak to the issue. Valerie Neppel noted that the DNR could still require a pumping test prior to issuing the permit even if an EAW is not required, based on conversations with DNR staff, the DNR will have to evaluate regional impacts including impacts to the Vermillion River as part of the appropriation permit application. Commissioner Slavik noted that Dakota County has the second highest number of agricultural irrigators in the State and that there have been issues in the recent past regarding concerns around impacts of agricultural irrigation in the watershed and the impact to the river. Mark commented that most of the agricultural irrigation wells are not finished in the Jordan aquifer, although more are being finished in the Jordan with new irrigation well construction, most are in the surficial aquifer.

Adjourn

Motion by Commissioner Wolf, Second by Commissioner Hamann-Roland and passed on a 3-0 vote to adjourn the meeting at 2:01 p.m.

Next Meeting Date: Thursday, February 23, 2023, at 1 p.m. in Conference Room A at the Dakota County Extension and Conservation Center, 4100 220th Street West, Farmington, MN.

Respectfully submitted by

Mark Zabel

Administrator for the Vermillion River Watershed Joint Powers Organization

Attest

Commissioner

Secretary/ Treasurer

Date



2023 Vermillion River Watershed Joint Powers Organization Treasurer's Report

March 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	\$ 15,976.52	\$ 13,036.25	\$ 211,487.23
B. Research & Planning (601-5010001-50100130)	\$ 18,600.00	\$ 773.66	\$ 190.65	\$ 17,635.69
C. Monitoring & Assessment (601-5010001-50100230)	\$ 157,400.00	\$ 24,188.28	\$ 2,072.81	\$ 131,138.91
D. Public Communications & Outreach (601-5010001-50100330)	\$ 166,150.00	\$ 13,853.62	\$ 8,022.40	\$ 144,273.98
E. Irrigation and Irrigation Audit (601-5010001-50100431)	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00
F. Regulation (601-5010001-50100530)	\$ 55,900.00	\$ 1,811.23	\$ 1,012.16	\$ 53,076.61
G. Coordination & Collaboration (601-5010001-50100531)	\$ 42,600.00	\$ 2,184.17	\$ 1,095.58	\$ 39,320.25
H. Feasibility/Preliminary Studies (601-5010001-50100631)	\$ 220,000.00	\$ 9,947.66	\$ 4,399.62	\$ 205,652.72
I. Capital Improvement Projects (601-5020001-50200130)	\$ 526,300.00	\$ 56,160.75	\$ 365.24	\$ 469,774.01
J. CWF BWSR- Watershed Grant (601-5010001-50100848)	\$ 17,700.00	\$ 2,544.21	\$ 1,426.53	\$ 13,729.26
K. WBIF Grant (BWSR) 2020-2023 North Creek (601-5010001-50100853)	\$ 387,500.00	\$ -	\$ -	\$ 387,500.00
L. WBIF Grant (BWSR) 2020-2023 Farmington Direct (601-5010001-50100854)	\$ -	\$ -	\$ -	\$ -
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)	\$ 90,000.00	\$ 39,010.12	\$ -	\$ 50,989.88
P. CWF Comp Grant (BWSR) Foxborough TSS (601-5010001-50100859)	\$ 376,500.00	\$ 570.61	\$ 163.03	\$ 375,766.36
Q. CWF Comp Grant (BWSR) Ravenna Trail (601-5010001-50100860)	\$ 545,000.00	\$ -	\$ -	\$ 545,000.00
R. Wetland Bank (601-5010001-50100930)	\$ 189,800.00	\$ -	\$ -	\$ 189,800.00
VRW JPO Revised Budget Expense TOTAL	\$ 3,083,980.00	\$ 167,917.51	\$ 31,865.78	\$ 2,884,196.71

Budget Funding Sources

Wetland Bank	\$189,800.00
CIP Reserve	\$350,000.00
CIP Reserve Grant Match	\$133,330.00
Fund Balance from Underspending in Previous Year	\$405,000.00
Grant Carryover	\$664,350.00
CWF Grant (BWSR) Competitive	\$420,750.00
CWF Grant WBIF (BWSR) 2020-2023	\$243,600.00
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	\$3,421,830.00

4d. Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization Administrator and Co-administrator

Meeting Date: 3/23/2023
Item Type: Consent-Action
Contact: Mark Zabel
Telephone: 952-891-7011
Prepared by: Mark Zabel

**PURPOSE/ACTION REQUESTED**

- Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization Administrator and Co-administrator

SUMMARY

The VRWJPO's existing delegated limited authority policy that identifies the VRWJPO Administrator may approve and sign contracts when the funds for the contract are included in the current budget and have a value less than \$50,000 must be renewed when there is a change of Commissioners on the VRWJPB. As of January 2023, there is a change in Commissioners, which mandates review and renewal of this delegated authority.

The Management Rights and Administration Policy of the VRWJPO identifies that the VRWJPO employs an Administrator from Dakota County and a Co-administrator from Scott County. The Administrator is primarily responsible for Watershed Management Plan implementation in Dakota County, while the Co-administrator is primarily responsible for the Scott County portion.

The proposed delegation of authority includes the approval of purchase agreements for the sale of wetland bank credits out of bank accounts with credits allocated to the VRWJPO. The permitting process associated with implementation of the Minnesota Wetland Conservation Act includes identifying wetland impacts and required mitigation of those impacts. When impacts are proposed to be mitigated by purchase of wetland bank credits, the Minnesota Board of Water and Soil Resources strongly recommends a signed purchase agreement be included in the documentation for local government regulatory approval in a timely manner.

EXPLANATION OF FISCAL/FTE IMPACT

No fiscal impact.

Supporting Documents:

Attachment A: Management Rights and Administration Policy

Previous Board Action(s):

- ;

RESOLUTION

4d. Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization Administrator and Co-administrator

WHEREAS, the VRWJPO's existing delegated limited authority policy that identifies the VRWJPO Administrator may approve and sign contracts when the funds for the contract are included in the current budget and have a value less than \$50,000 must be renewed when there is a change of Commissioners on the VRWJPB; and

WHEREAS, as of January 2023, there is a change in Commissioners, which mandates review and renewal of this delegated authority; and

WHEREAS, the Administrator is primarily responsible for Watershed Management Plan implementation in Dakota County while the Co-administrator is primarily responsible for the Scott County portion; and

WHEREAS, when impacts are proposed to be mitigated through purchase of credits from a wetland bank the Minnesota Board of Water and Soil Resources strongly recommends a signed purchase agreement is obtained and included in the documentation for local government regulatory approval; and

WHEREAS, completing purchase agreements in a timely manner may be important for permit applicants completing regulatory requirements.

NOW, THEREFORE, BE IT RESOLVED, that the Vermillion River Watershed Joint Powers Board (VRWJPB) chair delegates the authority to the Vermillion River Watershed Joint Powers Organization (VRWJPO) Administrator and Co-administrator to approve and sign contracts when the funds for the contract are included in the VRWJPO's current year approved budget, and the contract has a value of less than \$50,000 for work or labor, professional services, specialized equipment or software, or other items to support the goals of the VRWJPO, following the VRWJPO Policy for Management Rights and Administration; and

BE IT FURTHER RESOLVED, that the VRWJPB chair delegates the authority to the VRWJPO Administrator and Co-administrator to approve and sign purchase agreements for the sale of wetland bank credits out of balances of wetland credits allocated for the VRWJPO, following the Policy for Management Rights and Administration; and

BE IT FURTHER RESOLVED, that the delegation of these limited authorities to the VRWJPO Administrator and Co-administrator must be renewed following a change of Commissioners serving on the VRWJPB or a change of VRWJPO Administrator or Co-administrator.

Management Rights and Administration

The VRWJPB members are appointed by their respective counties to provide direction for the management and protection of water resources within the identified boundaries of the Vermillion River Watershed. The VRWJPB approves the 10-year Vermillion River Watershed Management Plan, as well as the annual budget, work plan, and special watershed tax district levy. The VRWJPB has the sole authority to approve, modify, or reject these policies by resolution at any time.

The VRWJPO employs an Administrator from Dakota County and a Co-administrator from Scott County, to implement the Watershed Plan under the direction of the VRWJPB. The Administrator and Co-administrator develop policies as necessary and gain approval from the VRWJPB by resolution. Approved policies will be added to the current policies and will be kept on file at the VRWJPO.

The Administrator and Co-administrator are responsible for the Administration and Operations role in the VRWJPO. The Dakota County Administrator is primarily responsible for Watershed Management Plan implementation in Dakota County while the Scott County Co-administrator is primarily responsible for the Scott County portion. This role is defined in the 2016-2025 Vermillion River Watershed Management Plan as follows:

- Operate the organization effectively, developing appropriate procedures, organizational capacity, and clear work direction to implement watershed objectives.
- Report to the VRWJPB and receive its direction on policy, budget, plans, and projects. Consult with citizen and technical advisory bodies.
- Develop watershed programs and projects. Use metrics to evaluate program and project effectiveness. Improve programs and operations to address public needs and new opportunities. Report on program and project outcomes to the VRWJPB, stakeholders, and the public.
- Manage fiscal resources with annual budgeting and capital improvement program processes. Develop cost-effective solutions and leverage local, state, and federal resources for priority projects.



Vermillion River Watershed Joint Powers Organization

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

Date: March 23, 2023
To: Vermillion River Watershed Joint Powers Board
From: Staff
Subject: Joint Powers Organization Expenses

**Agenda Item 5a
 March 2023**

Expenses from the invoices submitted between December 1, 2022 and December 31, 2022 totalled \$57,4323.96

The invoices submitted between January 1, 2023 and February 13, 2023 total:

<u>Invoice</u>	<u>Vendor</u>		<u>Amount</u>
	Dakota County Staff Time	\$	32,570.68
VRW-2023-01-001	Dakota County Taxation & Records/Examiner of Titles	\$	216.00
IN29183	Scott County	\$	2,828.38
2024830	Stantec	\$	641.25
23-10400-04b	144Design	\$	95.00
22-165005	144Design	\$	95.00
2022-015	Tuhura	\$	4,950.00
3261	Dakota County Soil & Water Conservation District	\$	82,549.85
2022-258	Scott County Soil & Water Conservation District	\$	5,042.75
33674	City of Lakeville	\$	38,928.60
Total expense as approved on March 23, 2023		\$	167,917.51

Action Requested: Approve all above expenses as presented on March 23, 2023



Vermillion River Watershed Joint Powers Organization

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

Date: March 23, 2023
To: Vermillion River Watershed Joint Powers Board
From: Staff
Subject: Joint Powers Organization Expenses

Agenda Item 5b
March 2023

Expenses from the invoices submitted between January 1, 2023 and February 13, 2023 totalled \$167,917.51

The invoices submitted between February 14, 2023 and March 14, 2023 total:

<u>Invoice</u>	<u>Vendor</u>		<u>Amount</u>
	Dakota County Staff Time	\$	31,622.35
IN29344	Scott County	\$	148.43
23-163003d	144Design	\$	95.00
Total expense as approved on March 23, 2023			\$ 31,865.78

Action Requested: Approve all above expenses as presented on March 23, 2023

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

Meeting Date: 3/23/2023
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 two citizens from Dakota County and one from Scott County.

Brad Blackett, a resident of the City of Apple Valley, 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 Brad Blackett 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: Brad Blackett 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, Brad Blackett 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 Brad Blackett 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: **BLACKETT** **BRADLEY** **J** ☒ Mr. ☐ Mrs. ☐ Ms.
Last Name First Name M.I.

Home Address: [REDACTED]
Street Address
APPLE VALLEY **55124** **DAKOTA**
City State Zip County of Residence

Commissioner District: 7-Hamann-Roland (e blank if you do not know the number of your commissioner district.)

Telephone: Cell [REDACTED] Business **NONE** Home [REDACTED]

E-mail Address: [REDACTED]

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:

Signature of Applicant

December 18, 2022

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: (Nov 1997 to retirement Oct 2013) THREE RIVERS PARK DISTRICT

Business Address: 3000 Xenium Lane North Plymouth MN 55441 Hennepin
Street City State Zip County

Job Title: PARK SERVICE OFFICER and VOLUNTEER SERVICES ASSISTANT

Current Responsibilities:

3 years working in Public Safety I moved to the Volunteer Office in 2000 to complete additional 13 years where I functioned as the Volgistics (data base) Administrator. I was the front-line person providing information/referral to general public interested in participating in multiple volunteer opportunities in Environmental Education, Natural Resources Management, Outdoor Recreation and First Responders throughout the Park District. I retired to care for my ailing parents until their deaths 2014/2020. In retirement I found more time to devote to advocating for clean water beyond just installing a raingarden at childhood home as part of my capstone project for the Water Stewards program. I also assisted with Landscape for Water Quality classes, and became a Wetland Health Evaluation monitor.

Previous Work Experience:

Prior to having permanent - full-time position with Three Rivers, my earlier career consisted of 23 years (56 part-time seasonal positions) working outdoors in natural environments, for Federal, State, Regional, County, Municipal, and Non-profit agencies and organizations; as well as small businesses. All started on a Youth Conservation Corps crew, park maintenance, urban shade tree forestry tech, raptor rehabilitation tech, naturalist, both history and nature interpretive guide, trek-leader, STS crew-leader, outdoor recreation specialist

Vocational/Educational Background:

I characterize my background as being built around the intersection of Outdoor Recreation, Environmental Education and Natural Resources Management. Most of my education came from on-the-job and life experiences. Formal education from Mankato State's B.S. in Education-OPEN Studies emphasis in Outdoor Recreation Program Planning and Logistics.

Professional Training with the Park District included: Emergency Medical Technician, Mounted Horse Patrol, ATV, PWC, Special Events and Festival Management, and numerous other certifications. The Park District also paid me to earn a Mini-MBA in Volunteer Management at the University of Saint Thomas.

Community Service:

Evolve_re-igniting self and community, a Vital Aging Network community building and leadership program, Minnesota Master Naturalist Program, Minnesota Water Steward, Iowa Master Conservation Program, Dakota County Wetland Health Evaluation Project, Twin Cities Eco-Village Project, Apple Valley Eco-Advocates. Two terms (6 yrs) on the Board of Directors of the Superior Hiking Trail Association in the 1990's.

Describe your interest in serving on a citizen advisory committee:

It started long before I answered a call and attended the 2014 Woman's Congress for Future Generations, which evolved into drafting a Declaration of Rights for Future Generations and of the Rights Held by all Waters (similar to a Bill of Rights for Water). I had been going to our state capital for several decades to speaking to my legislators and attend key conference hearings related to the environment including WATER of course. Giving back to my community is important to me, as well as, giving back to the actual biologic community where I connected with Creation. Growing up on Lake Alimagnet within the Vermillion River Watershed, For over 56 years I have seen land-use changes effect on water use and quality. To be guardians of these resources is why I am applying to this advisory committee.

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?

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

- ☒ Yes ☐ No If yes, please specify relevant experience: MN Water Steward, Wetland Health Evaluation Project Volunteer, Land Stewardship Project, Iowa

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
Fax: (651) 438-4405

Office Use Only

Date Received: _____
Date Entered: _____
Appointed: ☐ Yes ☐ No
Committee: _____

Appointment Date: _____
Term Ended Date: _____
Retention Date: _____

Master
Conservationist

6b. Authorization to Begin the Planning Process for the 2026-2035 Update of the Vermillion River Watershed Management Plan

Meeting Date: 3/23/2023
 Item Type: Regular-Action
 Contact: Mark Zabel
 Telephone: 952-891-7011
 Prepared by: Mark Zabel



PURPOSE/ACTION REQUESTED

- Authorization to begin the planning process for the 2026-2035 update of the Vermillion River Watershed Management Plan

SUMMARY

Minnesota Statutes 103B.231 and Minnesota Rules Chapter 8410 prescribe the requirements for compliance for watershed management plans in the seven-county metropolitan area and include provisions for plan revisions. The most recent 2016-2025 Vermillion River Watershed Management Plan (Plan) was officially adopted by the Vermillion River Watershed Joint Powers Board (VRWJPB) on June 23, 2016 (Resolution VRW 16-33). Section 10.1 of the Plan identifies that the Plan will be updated beginning “Approximately two years prior to the expiration date of this Plan (in 2023)”. Below is the draft anticipated schedule for activities associated with the Plan update process for the 2026-2035 Vermillion River Watershed Management Plan:

3/23/2023	VRWJPB authorizes initiation of Plan update process
4/2023	Notice of Plan update is provided to public and sent to review agencies
7/2023	Initial planning meeting (kickoff)
10/2023	Community Conversations
5/2024	Technical Advisory Group/stakeholder workshop
7/2024	Community Conversations
5/2025	60-day official review opens
7/2025	60-day review closes
8/2025	Required public hearing
8/2025	State 90-day official review opens
11/2025	State 90-day review closes
1/2026	Minnesota Board of Water and Soil Resources Approval
2/26/2026	VRWJPB Final 2026-2035 Plan Adoption

The proposed timeline shown above follows a process like that applied in the development of the 2016-2025 Vermillion River Watershed Management Plan. There will be regular check-ins with the Technical Advisory Group, Watershed Planning Commission, and VRWJPB on an ongoing basis throughout the Plan development period.

VRWJPO staff recommend authorization to begin the planning process for the 2026-2035 update of the Vermillion River Watershed Management Plan.

EXPLANATION OF FISCAL/FTE IMPACT

Staff costs applied to the development and coordination activities associated with updating the Vermillion River Watershed Management Plan for 2023 are budgeted under the Research and Planning category of the VRWJPO 2023 Revised Budget. Any additional support contracted for this activity would be brought before the VRWJPB with the funding need and source identified for budget amendment approval.

Supporting Documents:

Previous Board Action(s):

RESOLUTION

6b. Authorization to Begin the Planning Process for the 2016-2035 Update of the Vermillion River Watershed Management Plan

WHEREAS, the Watershed Plan for the Vermillion River Watershed Joint Powers Organization (VRWJPO) will be updated in 2026; and

WHEREAS, the Vermillion River Watershed Plan update will be developed according to the Rule that governs local water management in the metropolitan area (Minn. Rules Ch. 8410); and

WHEREAS, an updated Watershed Plan is to begin a planning process that includes the following:

- Develop plan with key partners and public input,
- Utilize citizen and technical advisory committees,
- Hold a kick-off or initial planning meeting,
- Identify and prioritize issues,
- Assess existing plan, data, and information; and
- Establish measurable goals and policies, and a comprehensive implementation program; and

WHEREAS, BWSR recommends that the planning process begin one to one-and-a-half years before the expiration date of the previous plan; and

WHEREAS, Section 10.1 of the 2016-2025 Vermillion River Watershed Management Plan identifies that the Plan will be updated beginning “Approximately two years prior to the expiration date of this Plan (in 2023)”.

NOW, THEREFORE, BE IT RESOLVED, that the Vermillion River Watershed Joint Powers Board (VRWJPB) authorizes staff to begin the planning process for the update for the 2026-2035 Vermillion River Watershed Management Plan.

6c. Presentation on Groundwater Levels in Dakota County

Meeting Date: 3/23/2023
Item Type: Regular-Information
Contact: Mark Zabel
Telephone: 952-891-7011
Prepared by: Mark Zabel

**PURPOSE/ACTION REQUESTED**

- Presentation on groundwater levels in Dakota County

SUMMARY

The Dakota County Groundwater Unit staff reviewed observation well records in Dakota County regarding groundwater levels and trends over time. Valerie Neppl will present some findings from that review, information about new monitoring wells, and a website dashboard constructed for the Agricultural Chemical Reduction Effort (ACRE) by Dakota County. Variability among selected wells and their locations will be covered in the presentation.

EXPLANATION OF FISCAL/FTE IMPACT

None.

Supporting Documents:

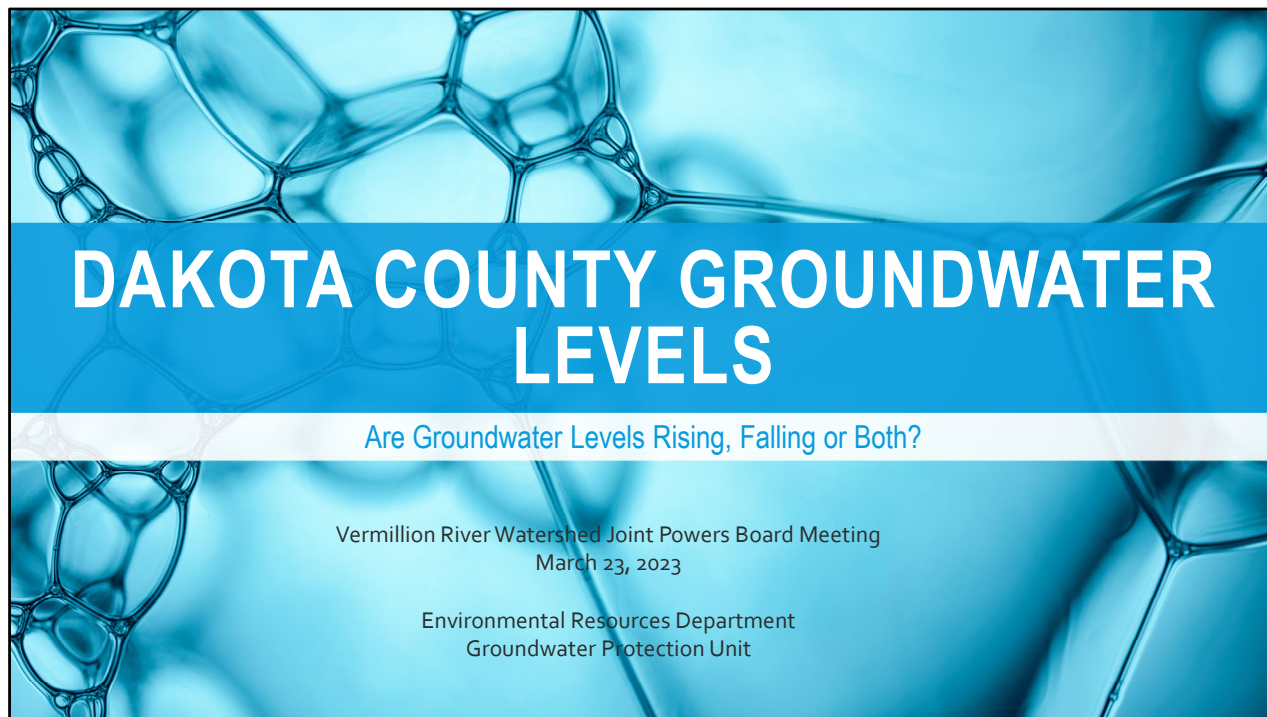
Attachment A: **Dakota County Groundwater Levels Presentation**

Previous Board Action(s):

RESOLUTION

None.

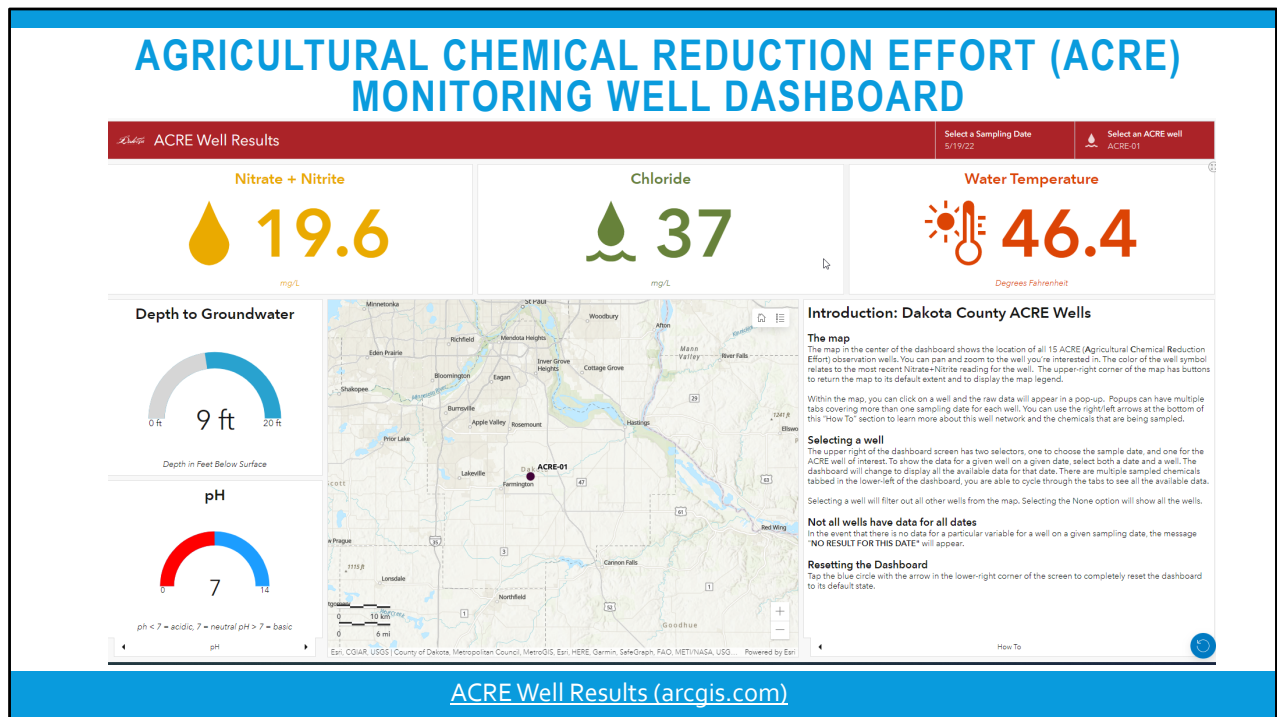
Information only.



This presentation was created by the Dakota County Environmental Resources Department, Groundwater Protection Unit for the Vermillion River Watershed Joint Powers Board Meeting held on March 23, 2023.

The purpose of this presentation is to demonstrate the groundwater level changes over time based on observation wells located throughout Dakota and Scott County.

The purpose of this presentation is not to make assumptions regarding potential impacts of the proposed Niagara water bottling plant in Elko New Market.



Dakota County installed 15 monitoring wells between 2021-2022 throughout rural Dakota County.

Created a public facing dashboard, where anyone can review the data collected from the wells (show dashboard)

Just received MDA's 2021 data last week (week of March 6, 2023), so working with GIS to get it added to the dashboard

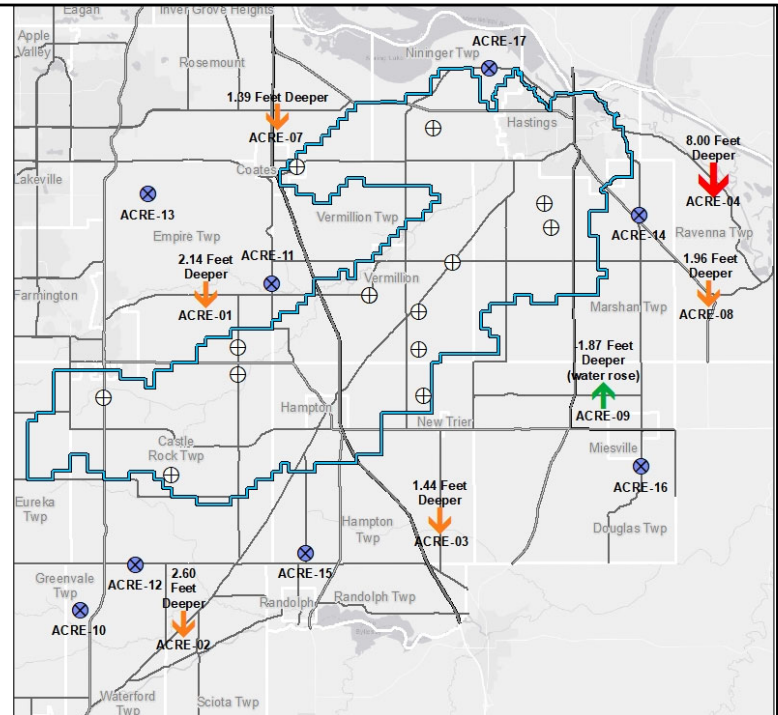
-

Dakota County installed 15 shallow monitoring wells (within 20-feet of the water table) between 2021-2022 throughout rural Dakota County as part of the Agricultural Chemical Reduction Effort (ACRE). The wells will be monitored three times annually (spring, summer, fall) for nitrate, chloride and static water levels. All data will be made available on the public facing [dashboard](#). For more information go to www.dakotacounty.us, search ACRE.

The Minnesota Department of Agriculture's (MDA) monitoring wells within the Hastings Drinking Water Supply Management Area will also be added once data is available. The 2021 MDA Monitoring Report was just released earlier this month (March 2023).

ACRE MONITORING WELL NETWORK

- 15 wells installed 2021-2022
- In 2022 - 7 wells were measured more than once:
 - Water levels decreased average of 2.5 ft from May to August
 - Max decrease was 8 ft
 - Impacts of drought varied across the county

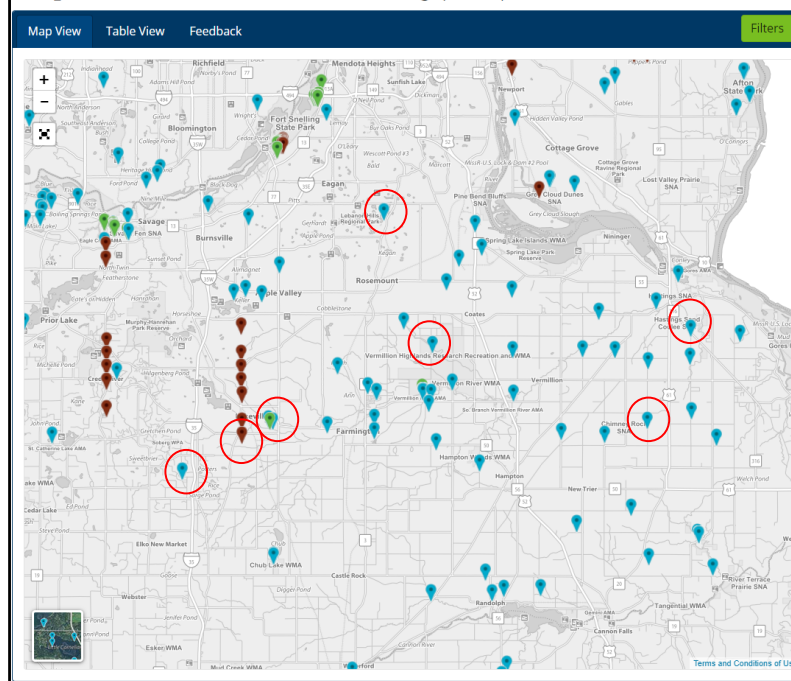


Did install 15 wells, but some wells were not installed until later fall. Only 7-wells were measured more than once.

Will see seasonal variability in water levels – in 2022 we had drought conditions, not a surprise to see water levels drop over the summer months (between May-Aug timeframe)

Of the 15 wells in the ACRE monitoring well network, only seven wells were measured more than once in 2022 since some wells were not installed until late fall. The map shows the locations of all the ACRE and MDA wells, and the change in water levels observed from May to August 2022.

Cooperative Groundwater Monitoring (CGM)



[Cooperative Groundwater Monitoring \(CGM\) | Minnesota DNR](https://www.dnr.state.mn.us/waters/cgm/)
([dnr.state.mn.us/waters/cgm/](https://www.dnr.state.mn.us/waters/cgm/))

The DNR observation well network collects static groundwater-level data to assess groundwater resources, determine long term trends, interpret impacts of pumping and climate, plan for water conservation, and evaluate water conflict.

DNR has observation wells located throughout the state to collect static groundwater levels over time

Multiple observation wells showing in Dakota County; however many of these are either sealed or no longer actively read. It can be a little tedious to find a well that is actively read.

For presentation, tried to find actively read wells throughout Dakota County to see variability over time at different locations. Will be looking at 8-different wells (N-S; W-E)

The Department of Natural Resources (DNR) has a [Cooperative Groundwater Monitoring \(CGM\) Network](https://www.dnr.state.mn.us/waters/cgm/index.html) (<https://www.dnr.state.mn.us/waters/cgm/index.html>) that collects static groundwater-level data throughout Minnesota. Seven locations, 10 wells, were selected near the Vermillion River Watershed for this presentation to demonstrate water levels in various aquifers. Presentation will take a tour of these well locations moving west to east.

Spartina Wildlife Management Area

Minnesota Department of Health Unique Well Number: 846427

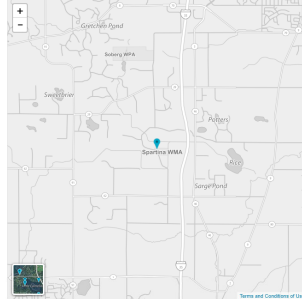
Name: QBAA nr Lakeville, Spartina WMA
 DNR Obwell Number: 70043
 Aquifer Type: buried artesian
 County: Scott
 Lat/Long: 44.607031/-93.307389
 Read Status: actively read
 Well Depth: 88 ft
 Measure Point Elevation: 1004.41 ft MSL (as of 2019-12-27)

Reports and Data
 • [MDH Well Log Report](#)
 • Download time series data ([CSV](#) | [Excel](#))

Provisional Data
 Period of Record:
 2021-07-14 to 2023-02-15
 Most Recent Date:
 Water Level: 988.73 ft (2023-02-15 14:00)

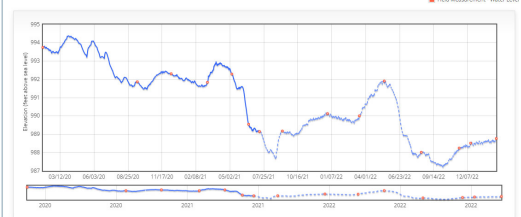
Approved Data
 Period of Record:
 2020-01-29 to 2021-07-14

Field Measurement Data
 Period of Record:
 2020-01-29 to 2023-02-15



Hydrograph Help Feedback

Displayed range: 2020-01-29 to 2023-02-15



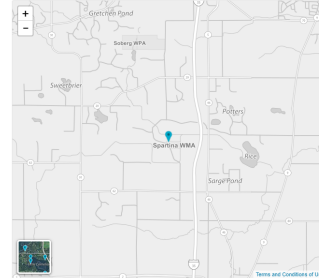
Minnesota Department of Health Unique Well Number: 846429

Name: CJDN nr Lakeville, Spartina WMA
 DNR Obwell Number: 70041
 Aquifer Type: bedrock
 County: Scott
 Lat/Long: 44.60704/-93.307465
 Read Status: actively read
 Well Depth: 375 ft
 Measure Point Elevation: 1004.43 ft MSL (as of 2019-12-18)

Reports and Data
 • [MDH Well Log Report](#)
 • Download time series data ([CSV](#) | [Excel](#))

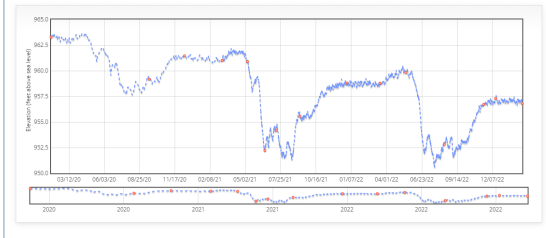
Provisional Data
 Period of Record:
 2020-01-29 to 2023-02-15
 Most Recent Date:
 Water Level: 956.89 ft (2023-02-15 13:00)

Field Measurement Data
 Period of Record:
 2020-01-29 to 2023-02-15



Hydrograph Help Feedback

Displayed range: 2020-01-29 to 2023-02-15



QBAA Quat. buried artesian. Aquifer

CJDN Jordan

-

Two observation wells near Spartina Wildlife Management Area (WMA), near Lakeville. Data for these two wells is only available starting in 2020. Both show decreasing water levels by 5-10 ft likely due to drought conditions during this timeframe.

LEFT: Shallow well (88 ft) located within a Quaternary Buried Artesian Aquifer (QBAA)

RIGHT: Deeper well (375 ft) located within the Jordan (CJDN) Aquifer

Lakeville/ Farmington Area

Minnesota Department of Health Unique Well Number: 731135

Name: OPDC nr Farmington, TW-2

DNR Obwell Number:

Aquifer Type: bedrock

Country: Dakota

Lat/Long: 44.631077/-93.252145

Read Status: actively read

Well Depth: 170 ft

Measure Point Elevation:

898.75 ft MSL (as of 2006-07-12)

Reports and Data

• [MDH Well Log Report](#)

• Download time series data (CSV | Excel)

Provisional Data

Period of Record:

2006-08-09 to 2015-04-16

Most Recent Date:

Water Level: 887.78 ft (2015-04-16 11:00)

Field Measurement Data

Period of Record:

2006-08-09 to 2015-04-16



Minnesota Department of Health Unique Well Number: 759589

Name: QWTA nr Farmington, WELL MW-5

DNR Obwell Number:

Aquifer Type: water table

Country: Dakota

Lat/Long: 44.631077/-93.252145

Read Status: actively read

Well Depth: 55 ft

Measure Point Elevation:

898.29 ft MSL (as of 2008-09-08)

Reports and Data

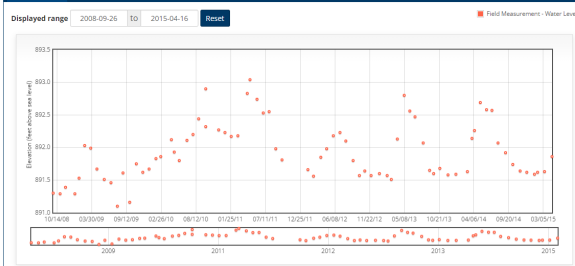
• [MDH Well Log Report](#)

• Download time series data (CSV | Excel)

Field Measurement Data

Period of Record:

2008-09-26 to 2015-04-16



QWTA Quat. Water Table Aquifer

-

Two observation wells near Lakeville/Farmington Area.

LEFT: Well is 170 ft deep located within the Prairie Du Chien (OPDC) Aquifer. Water levels only available from 2006-2015; demonstrate general increase in water levels by 3-5 ft.

RIGHT: Shallow well (55 ft) located within a Quaternary Water Table Aquifer (QWTA). Water levels only available from 2008-2015; demonstrate seasonable variability, overall water levels appear to slightly increase.

Minnesota Department of Health Unique Well Number: 767130

Name: OPOD at Lakeville, Lakeville Impound lot

DNR Obwell Number: 19094

Aquifer Type: bedrock

County: Dakota

Lat/Long: 44.640329/-93.223398

Read Status: actively read

Well Depth: 250 ft

Measure Point Elevation: 950.78 ft MSL (as of 1900-01-01)

Reports and Data

- [MDH Well Log Report](#)
- Download time series data ([CSV](#) | [Excel](#))

Provisional Data

Period of Record:

2019-06-20 to 2022-11-13

Most Recent Date:

Water Level: 935.62 ft (2022-11-13 03:00)

Approved Data

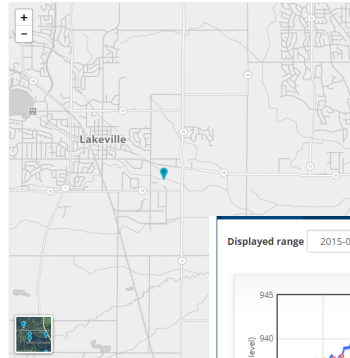
Period of Record:

2015-02-11 to 2019-06-20

Field Measurement Data

Period of Record:

2015-02-09 to 2023-01-10

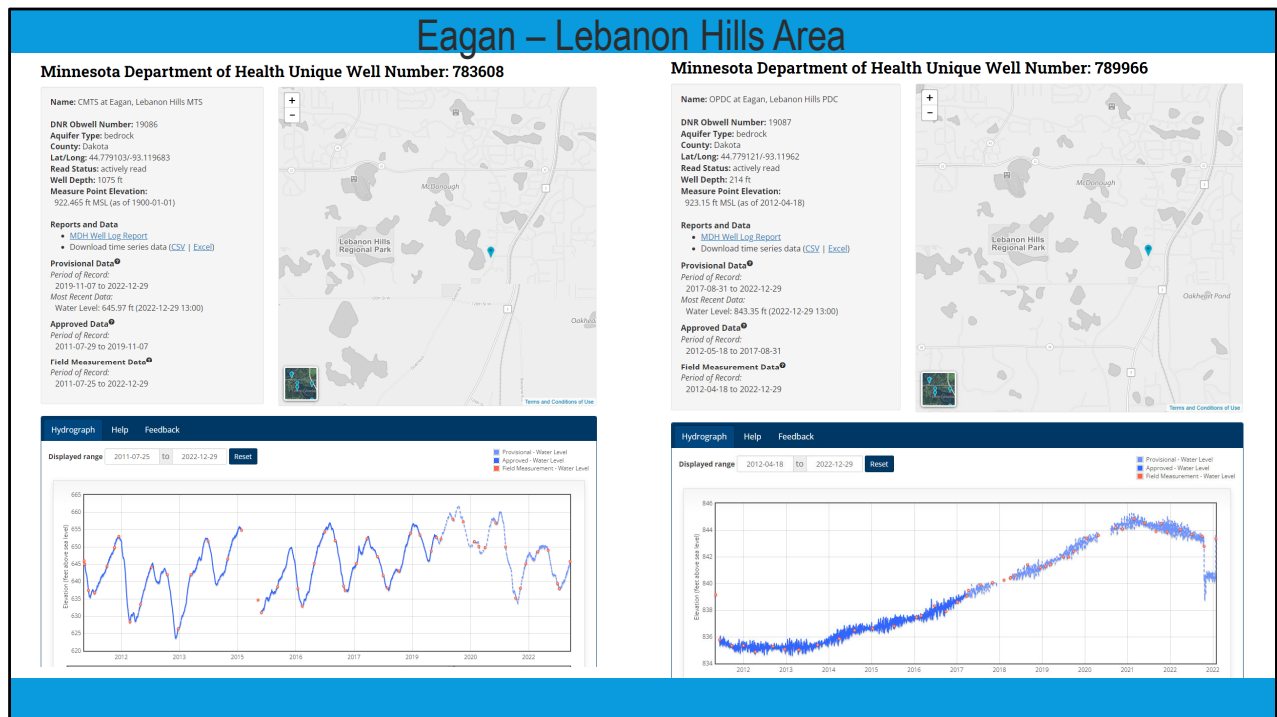


City of Lakeville Area



OPOD Oneota Fm (Prairie Du Chien)

Observation Well located in Lakeville area. Well is 250 ft deep within Oneota – Prairie Du Chien formation (OPOD). Overall water levels do not appear to significantly change over time (2-3 ft increase from 2015-2020, then 2-3 ft decrease from 2020-2022).



Left: Deeper in Mt. Simon-Hinckley. Can see seasonable variability; generally increasing on average
 CMTS Mt.Simon

Right: Prairie Du Chien – increasing with drop during drought

Two observation wells located near each other in Lebanon Hills Regional Park, Eagan.

LEFT: Deeper well (1075 ft) within the Mt. Simon Hinckley (CMTS) Aquifer. Graph shows seasonable variability with decreasing water levels over summer likely due to increased pumping and rebound during fall/winter. Water levels generally increased from 2012 to 2020, then decreased during drought (2020-2022)

RIGHT: Well is 214 ft deep, within Prairie Due Chien (OPDC) Aquifer. Graph shows water levels increased by approx. 10 ft from 2012-2021, then started to decrease over drought period (2021-2022).

Minnesota Department of Health Unique Well Number: 170885

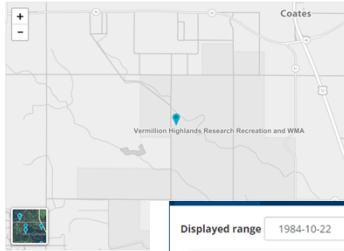
Name: OPDC nr Rosemount, ROSEMOUNT RESEARCH FARM

DNR Obwell Number: 19058
Aquifer Type: bedrock
County: Dakota
Lat/Long: 44.691045/-93.673803
Read Status: actively read
Well Depth: 305 ft
Measure Point Elevation: 974.89 ft MSL (as of 1984-10-22)

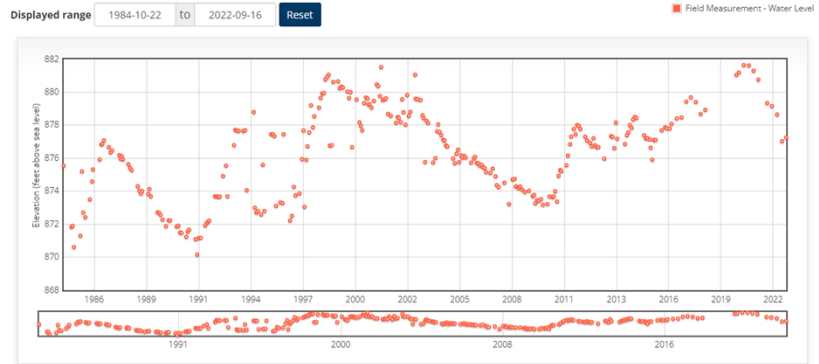
Reports and Data
• [MDH Well Log Report](#)
• [Download time series data \(CSV | Excel\)](#)

Field Measurement Data

Period of Record:
1984-10-22 to 2022-09-16



Rosemount - Vermillion Highlands Area



Observation Well located in Rosemount Vermillion Highlands Area. Well is 305 ft deep within Prairie Due Chien (OPDC) Aquifer. Water levels appear to increase by 5-10 ft, decreasing in periods of drought in 2022-2010 and 2020-2022 timeframes. Well appears to be more influenced by precipitation patterns.

Minnesota Department of Health Unique Well Number: 243754

Name: OPDC nr Miesville, RAINER KIMMES

DNR Obwell Number: 19029

Aquifer Type: bedrock

County: Dakota

Lat/Long: 44.640738/-92.873352

Read Status: actively read

Well Depth: 290 ft

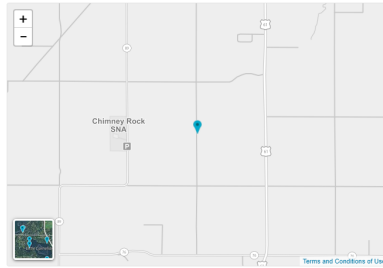
Measure Point Elevation:
871.4 ft MSL (as of 1900-01-01)

Reports and Data

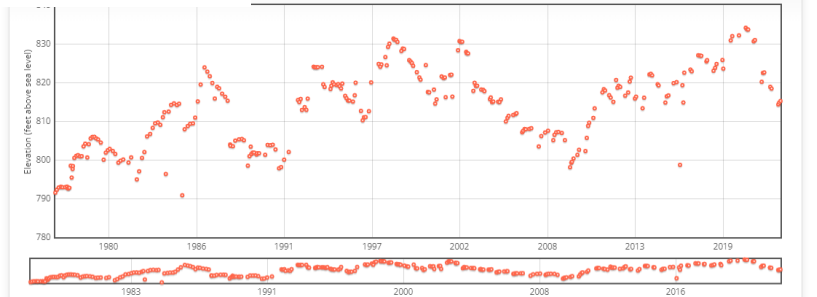
- [MDH Well Log Report](#)
- Download time series data ([CSV](#) | [Excel](#))

Field Measurement Data

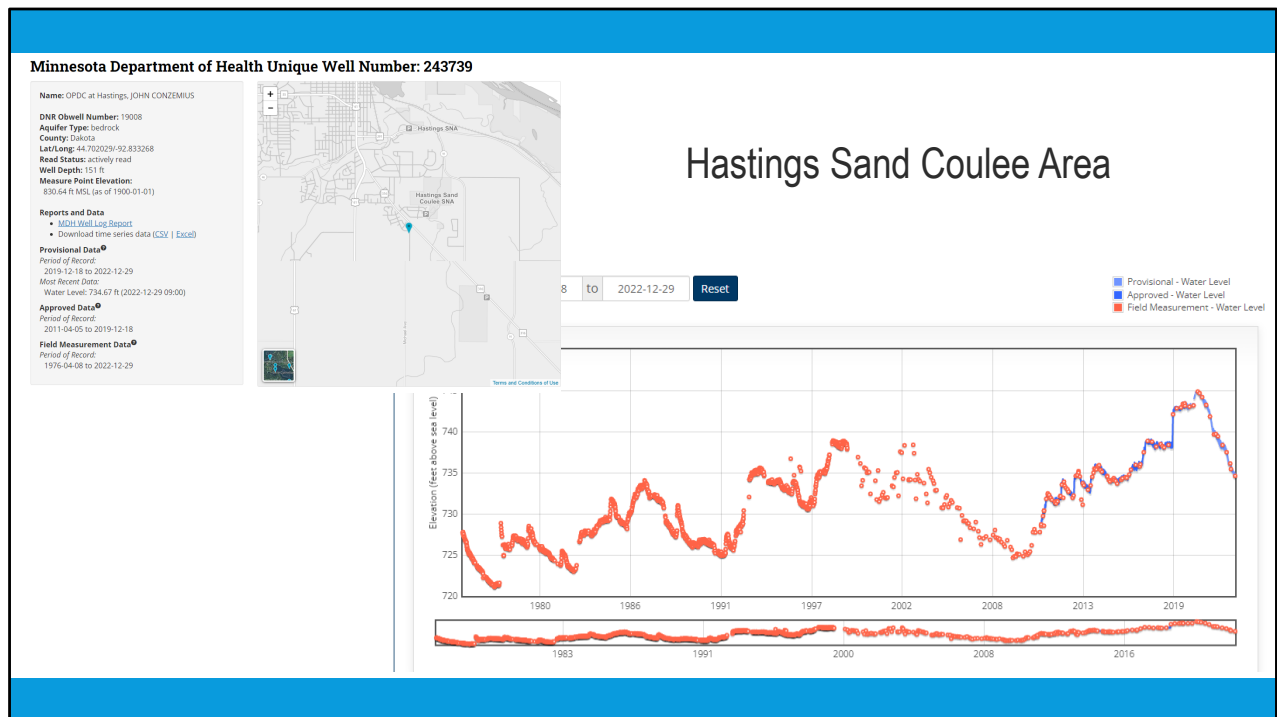
Period of Record:
1977-08-10 to 2022-11-09



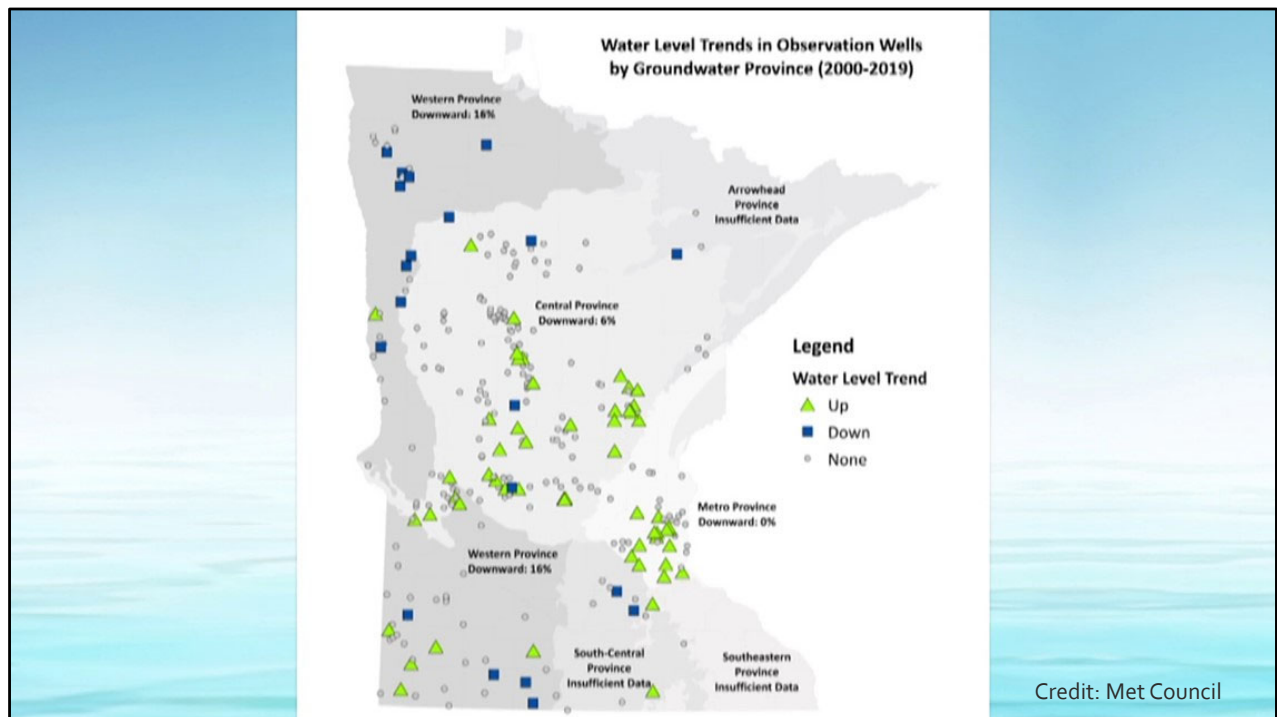
Marshan Twp – Chimney Rock Area



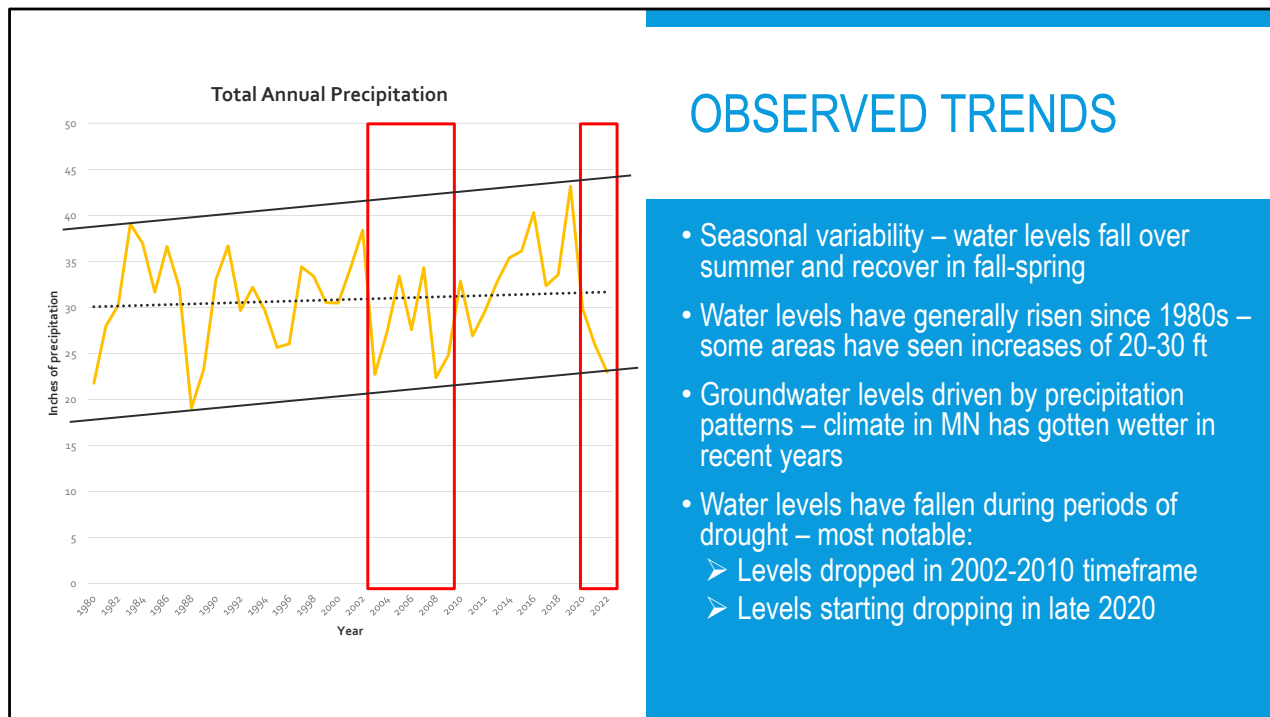
Observation Well located in Marshan Township Chimney Rock Area. Well is 290 ft deep within Prairie Due Chien (OPDC) Aquifer. Water levels appear to increase by 30-40 ft, decreasing in periods of drought in 2022-2010 and 2020-2022 timeframes. Well appears to be more influenced by precipitation patterns.



Observation Well located in Hastings Sands Coulee Area. Well is 151 ft deep within Prairie Due Chien (OPDC) Aquifer. Water levels appear to increase by 15-20 ft, decreasing in periods of drought in 2022-2010 and 2020-2022 timeframes. Well appears to be more influenced by precipitation patterns.



Map of observed groundwater trends over time, as prepared by the Metropolitan Council. Groundwater levels in Metro Area Counties are generally increasing.



Conclusions

- We're not "mining" our groundwater. So far, multi-year groundwater levels in the county are driven by precipitation patterns, not population water usage, in both the population-dense areas of the county and the irrigation-dense areas. The levels may go down in a dry summer, but they recover to their previous levels relatively quickly. Not an Ogallala aquifer situation.
- Our generally rising groundwater levels are consistent with the observations that climate in Minnesota has gotten wetter in recent years.
- Some people are concerned that Minnesota's recent trend toward "flashier" precipitation events (less frequent but more intense events than in earlier decades) will result in less groundwater infiltration. So far, this doesn't appear to be a problem.
- However, the trend toward more extreme weather from year to year means we can't be cavalier. And conservation efforts will always have multiple benefits.

Graph shows precipitation trends from 1980-2022. Climate in MN has generally gotten wetter in the last 40 years, with some periods of droughts. Groundwater levels, especially in areas more heavily influenced by precipitation (in the eastern part of Dakota County), are demonstrating increases in groundwater levels. Eastern Dakota County has sandy soils, shallow depth to bedrock (less than 50 ft), and the bedrock is heavily fractured resulting in increased infiltration and recharge compared to western Dakota County.

6d. Discussion of Elko-New Market Water Appropriations

Meeting Date: 3/23/2023
Item Type: Regular-Information
Contact: Mark Zabel
Telephone: 952-891-7011
Prepared by: Mark Zabel

**PURPOSE/ACTION REQUESTED**

- Discussion of Elko-New Market water appropriations

SUMMARY

The City of Elko-New Market (City) has requested a volume increase to its Water Appropriations Permit 1984-6141 from 135 million gallons of groundwater per year to 365 million gallons of groundwater per year for its municipal water supply. The increase is prompted, in part, by a proposal from Niagara Bottling Company to the City to provide water from its municipal water supply for the company's bottling facility operations. A total of 155 million gallons of the municipal water supply would service a proposed first phase of the Niagara water bottling facility. A possible second phase addition to the bottling facility would require an additional 155 million gallons groundwater allocation. Local citizens petitioned the Minnesota Environmental Quality Board for an Environmental Assessment Worksheet (EAW) addressing the water bottling proposal. The Minnesota Department of Natural Resources (DNR) was designated as the Responsible Governmental Unit for review and decision on the need for an EAW. The DNR issued a negative decision (no EAW ordered) on February 27, 2023. The request for additional appropriations for the City municipal water supply is effected by amending DNR Water Appropriation Permit 1984-6141. The request is currently under review by the DNR and a request for comments on the amendment has been issued by the DNR with a closure date of April 7, 2023.

Staff request direction from the VRWJPB on commenting and comment content to the DNR on the appropriations permit amendment. The Vermillion River Watershed Management Plan includes the following:

Goal C: Maintain a sustainable water supply**Coordination and Collaboration**

5. Assist state and local partners in promoting and implementing water conservation.
 - a. Promote water-use assessments/audits to help permitted high-volume users identify strategies to conserve water and save money.
 - b. Review and comment on DNR groundwater appropriation permits with potential impacts on the watershed's water resources.

EXPLANATION OF FISCAL/FTE IMPACT

None.

Supporting Documents:

Attachment: 2016-2025 Vermillion River Watershed Management Plan
Section 6: Goals, Objectives, and Actions
Goal C: Maintain a sustainable water supply

Previous Board Action(s):**RESOLUTION**

None.

Information only.

Goal C: Maintain a sustainable water supply

Sub-goals

- ≈ Promote conservation of groundwater
- ≈ Protect high capacity groundwater recharge areas and promote infiltration, where appropriate
- ≈ Promote re-use of stormwater and treated wastewater, where appropriate

Objectives and Actions Organized by Major VRWJPO Roles

- ☐ Administration and Operations
- ☐ Regulation
- ☒ Research and Planning
- ☐ Monitoring and Assessment
- ☒ Land and Water Treatment
- ☒ Coordination and Collaboration
- ☒ Public Communications and Outreach

Research and Planning

1. Assist partners in preventing reductions to the river's base flow and to normal levels in lakes and wetlands.
 - a. Consider developing Water Conservation Standards for the watershed.
 - b. Facilitate discussions with appropriate agencies (e.g., DNR and Southwest Metro Groundwater Workgroup) about well interference water appropriation conflicts, and groundwater management.
2. Identify and protect groundwater recharge areas in the watershed.
 - a) Review 2006 inventory of groundwater recharge areas and update, if needed.
 - b) Request County GIS to create a GIS layer for groundwater recharge areas identified in the inventory.

Land and Water Treatment

3. Continue policies and programs to conserve groundwater by use of plant species' drought and water tolerances.
 - a. Promote and cost-share bio-infiltration BMPs for new development, redevelopment, and stormwater retrofits.
 - b. Promote and cost-share infiltration and native species planting through raingarden programs.
 - c. Require certified native seed mixes where appropriate for VRWJPO-funded restoration projects.
4. Promote and cost-share BMPs that conserve water.
 - a. Promote and cost-share BMPs that infiltrate stormwater and replenish groundwater, where feasible and not a threat to groundwater quality.

- b. Promote and cost-share BMPs that use stormwater for irrigating urban landscapes.
- c. Consider cost-sharing demonstration projects that re-use treated industrial or municipal wastewater.
- d. Research strategies for water use, re-use, or infiltration that minimize groundwater use at mining sites.

Coordination and Collaboration

- 5. Assist state and local partners in promoting and implementing water conservation.
 - a. Promote water-use assessments/audits to help permitted high-volume users identify strategies to conserve water and save money.
 - b. Review and comment on DNR groundwater appropriation permits with potential impacts on the watershed's water resources.
- 6. Assist partners in promoting and cost-sharing practices that conserve groundwater in agricultural settings.
 - a. Promote consultations between producers and irrigation experts (such as the UM Extension irrigation specialist) on technological advances in irrigation management and scheduling.
 - b. Assist federal, state and local partners in promoting irrigation water management and BMPs.
 - c. Consider cost-sharing improvements to irrigation equipment to gain water efficiency.
 - d. Promote cover crops, no-till, conservation tillage, conservation cropping rotation, and other BMPs that help maintain water in the soil.

Public Communications and Outreach

- 7. Work with partners to develop a public outreach campaign designed to promote practices to mitigate drought conditions for implementation during persistent drought.

6e. Presentation of Proposed Amendments to the Vermillion River Watershed Joint Powers Organization (VRWJPO) 2023 Budget

Meeting Date: 3/23/2023
Item Type: Regular-Information
Contact: Mark Zabel
Telephone: 952-891-7011
Prepared by: Mark Zabel

**PURPOSE/ACTION REQUESTED**

- Presentation of proposed amendments to the Vermillion River Watershed Joint Powers Organization (VRWJPO) 2023 Budget

SUMMARY

At its meeting on December 1, 2022, the Vermillion River Watershed Joint Powers Board (VRWJPB) adopted the Final 2023 VRWJPO Budget (Resolution No. VRW 22-27). The budget included expenses totaling \$2,993,980, total revenue of \$3,421,830, and an expected cash reserve of \$427,850.

A budget amendment is being proposed to: 1) adjust for the fund balance from under-spending and transfers in 2022; 2) reflect changes to several budget line items and the addition of several line items, including line items reflecting revenues and expenses for grant funded projects. The amendment would bring the total expenses in 2023 to \$3,750,680 and total revenue to \$3,966,750 with a cash reserve of \$216,070 (see Attachment A).

EXPLANATION OF FISCAL/FTE IMPACT

The amended budget increases planned expenditures by \$756,700 and includes additional grant funded commitments of \$812,700 and match of \$65,830. The total revised budgeted expenditures are \$3,750,680 with revenues of \$3,966,750, leaving a budgeted fund balance/cash reserve of \$216,070.

Supporting Documents:

Attachment A: VRWJPO Draft Revised 2023 Budget
Attachment B: Final 2022 VRWJPO Treasurer's Report

Previous Board Action(s):

VRW 22-27; 12/1/2022

RESOLUTION

None.

Information only.

VRWJPO 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>
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%

VRWJPO 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>	<u>2023 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		\$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%

VRWJPO 2023 Budget

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

VRWJPO 2023 Budget

<u>Category</u>		<u>Budget Items</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>	<u>2023 Final Budget Amount</u>	<u>Budget % 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 CWF Competitive Grant Ravenna Trail Ravine Stabilization			\$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%		

VRWJPO 2023 Budget

<u>Category</u>		<u>Budget Items</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>
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			\$3,750,680	94.6%	\$2,993,980	87.5%
Cash Reserve			\$216,070	5.4%	\$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%

VRWJPO 2023 Budget

<u>Category</u>	<u>Budget Items</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</u>	<u>2023 Final Budget Amount</u>	<u>Budget % of Total</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%
	TOTAL Annual Revenue	\$3,966,750	100.0%	\$3,421,830	100.0%



2022 Vermillion River Watershed Joint Powers Organization Treasurer's Report

February 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 (217002-0000)	\$ 240,500.00	\$ 162,822.85	\$ -	\$ 77,677.15
B. Research & Planning (217002-0130)	\$ 18,600.00	\$ 21,294.88	\$ -	\$ (2,694.88)
C. Monitoring & Assessment (217002-0230)	\$ 157,400.00	\$ 91,208.42	\$ -	\$ 66,191.58
D. Public Communications & Outreach (217002-0330)	\$ 166,150.00	\$ 161,316.31	\$ -	\$ 4,833.69
E. Irrigation and Audit (217002-0431)	\$ 20,000.00	\$ 40,302.36	\$ -	\$ (20,302.36)
F. Regulation (217002-0530)	\$ 55,900.00	\$ 31,237.85	\$ -	\$ 24,662.15
G. Coordination & Collaboration (217002-0531)	\$ 42,600.00	\$ 18,839.08	\$ -	\$ 23,760.92
H. Feasibility/Preliminary Studies (217002-0631)	\$ 220,000.00	\$ 98,556.59	\$ -	\$ 121,443.41
I. Capital Improvement Projects (217092-0130)	\$ 491,850.00	\$ 128,390.12	\$ -	\$ 363,459.88
J. FY2019 - Watershed Funding Grant (217002-0848)	\$ 17,700.00	\$ 7,508.10	\$ -	\$ 10,191.90
K. CWF Grant - Middle Creek Restoration (217002-0852)	\$ -	\$ 81.06	\$ -	\$ (81.06)
L. WBIF Grant (BWSR) 2020-2023 North Creek Stabilization (217002-0853)	\$ 387,500.00	\$ -	\$ -	\$ 387,500.00
M. WBIF Grant 2020-2023 Farmington Direct Drainage (217002-0854)	\$ 30,030.00	\$ -	\$ -	\$ 30,030.00
N. WBIF Grant (BWSR) 2020-2023 Hastings Direct Drainage (217002-0855)	\$ 30,030.00	\$ -	\$ -	\$ 30,030.00
O. WBIF Grant (BWSR) 2020-2023 Ravenna Basins Restoration (217002-0856)	\$ 85,000.00	\$ 64,005.30	\$ -	\$ 20,994.70
P. WBIF Grant (BWSR) 2020-2023 Rosemount Anti-Icing (217002-0857)	\$ -	\$ -	\$ -	\$ -
Q. CWF Grant - (BWSR) Foxborough TSS (217002-0859)	\$ 203,250.00	\$ 284.61	\$ -	\$ 202,965.39
R. CWF Grant - (BWSR) Ravenna Trail (217002-0860)	\$ 297,500.00	\$ 121.82	\$ -	\$ 297,378.18
S. Wetland Bank (217002-0930)	\$ 117,216.00	\$ 500.00	\$ -	\$ 116,716.00
VRW JPO Revised Budget Expense TOTAL	\$ 2,581,226.00	\$ 826,469.35	\$ -	\$ 1,754,756.65
<u>Budget Funding Sources</u>				
Scott County Levy	\$ 32,500.00			
Dakota County Levy	\$ 967,500.00			
Expected 2019 Carryover (Fund Balance)	\$ 686,000.00			
Special Use Permit	\$ 1,000.00			
CWF Grant (BWSR)	\$ 420,750.00			
2019-2021 CWF Grant 1W1P (BWSR)	\$ -			
2020-2023 CWF Grant WBIF (BWSR)	\$ 243,600.00			
Met Council Grant	\$ -			
CIP Reserve	\$ 246,000.00			
CIP Reserve Grant Match	\$ 84,000.00			
Investment Earnings	\$ 12,000.00			
Total	\$ 2,693,350.00			

6f. Watershed Tour Planning for 2023

Meeting Date: 3/23/2023
Item Type: Information
Contact: Mark Zabel
Telephone: 952-891-7011
Prepared by: Mark Zabel

**PURPOSE/ACTION REQUESTED**

- Discuss planning and potential options for a watershed tour

SUMMARY

The Vermillion River Watershed Joint Powers Organization (VRWJPO) hosts a Watershed Tour on odd-numbered years to present recent projects or programs implemented through the Vermillion River Watershed Management Plan. The tour generally includes stops at various sites where a project or practice has been implemented and includes presentations by staff or partners highlighting the function and effectiveness of the project, innovative approaches when applicable, and successful partner collaborations.

Staff will present potential tour options for an eastern watershed tour or a western watershed tour, timeframe, and logistics. Commissioners are encouraged to share their thoughts about locations they'd like to see.