



Agenda – Revised Jan. 23, 2024

Vermillion River Watershed Joint Powers Board Meeting

January 25, 2024, 1 p.m., in-person and teleconference via Microsoft Teams

- | | | |
|--|---------------|----------------|
| 1. Call to Order | | |
| 2. Election of Joint Powers Board Officers | Action | |
| 3. Roll Call | | |
| 4. Audience Comments on Items Not on the Agenda
<i>(please limit audience comments to five minutes)</i> | | |
| 5. Consent Agenda | Action | |
| a. Approval of Agenda | | Page 1 |
| b. Approval of Minutes from the December 7, 2023, Meeting | | Page 3 |
| c. Acceptance of Treasurer’s Reports | | Page 7 |
| d. Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization Administrator and Co-administrator | | Page 8 |
| e. Authorization to Release a Request for Qualification for Professional Services in 2024-2025 | | Page 11 |
| 6. Approval of Expenses | Action | Page 15 |
| 7. Business Items | | |
| a. Authorization to Execute a Grant Agreement with the Minnesota Board of Water and Soil Resources for a FY24 Clean Water Fund Grant for Alimagnet Lake Alum Treatment Project | Action | Page 16 |
| b. Presentation of Draft Vermillion River Watershed Brand Awareness Plan | Information | Page 22 |
| c. Added Jan. 23 - Authorization to Approve Kasprzyk Agricultural Buildings | Action | Page 26 |
| 8. Staff Reports | | |
| 9. Adjourn | Action | |

Please note, the January 25, 2024, 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: **February 22, 2024**, 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 (JPB) Meeting

December 7, 2023, 1 p.m., in-person at the Dakota County Extension and Conservation Center and virtual via Microsoft Teams

Board Members in Attendance

Dakota County Commissioner Mike Slavik
Dakota County Commissioner Bill Droste
Scott County Commissioner Tom Wolf

Others in Attendance

Nikki Stewart, Dakota County, Environmental Resources Department Director (virtual)
Travis Thiel, Dakota County, Vermillion River Watershed Joint Powers Organization (VRWJPO) Administrator
Brita Moore-Kutz, Dakota County, VRWJPO Communications and Outreach Specialist
Melissa Bokman-Ermer, Scott County, VRWJPO Co-Administrator
Lori Endres, Hampton Township resident
Samantha Berger, City of Apple Valley, Water Resources Specialist (virtual)
Bruce Johnson, Dakota County Soil and Water Conservation District (SWCD) Supervisor
Brian Watson, Dakota County SWCD Manager

Agenda

1. Call to Order

Meeting was called to order at 1 p.m.

2. Roll Call

Commissioners Slavik, Droste, and Wolf were in attendance.

3. Audience Comments on Items Not on the Agenda

No comments.



4. Approval of Consent Agenda

- a. Approval of Agenda
Travis Thiel requested an amendment to the agenda to correct a typo in item 6a.
- b. Approval of Minutes from the October 26, 2023, Meeting
- c. Acceptance of Treasurer's Reports and Draft Fund Statements
- d. Approval of VRWJPB Meeting Dates for 2024
- e. Authorization to Execute a Joint Powers Agreement with Dakota County Soil and Water Conservation District for Services in 2024
- f. Authorization to Execute a Joint Powers Agreement with Scott Soil and Water Conservation District for Services in 2024

Res. No. VRW 23-32: Motion by Commissioner Wolf to approve consent agenda as amended, seconded by Commissioner Droste. Motion carried on a 3-0 vote.

5. Approval of Expenses

Travis Thiel presented expenses between October 17, 2023 and November 14, 2023, totaling \$123,325.48.

Res. No. VRW 23-33: Motion by Commissioner Wolf to approve the expenses, seconded by Commissioner Droste. Motion carried on a 3-0 roll call vote.

6. Business Items

- a. Adoption of VRWJPO 2024 Budget and Watershed Management Tax District Levy

Travis presented the final version of the budget, which was slightly adjusted from the draft version approved in August 2023 that included revisions due to incorrect grant expense and revenue assumptions by the previous Administrator.

Res. No. VRW 23-34: Motion by Commissioner Wolf to adopt the budget, seconded by Commissioner Droste. Motion carried on a 3-0 vote.

7. Staff Reports

Brian Watson

The Dakota County SWCD and VRWJPO recently applied for a soil health grant from the Minnesota Board of Water & Soil Resources (BWSR). This grant would provide the opportunity for additional staff and federal monies to further invest in soil health in agricultural lands.



The SWCD submitted a proposal in 2021 for a wetland bank in the Vermillion River Watershed. It was approved, though the landowner backed out because the compensation was lower than he wanted. BWSR has increased their Reinvest In Minnesota (RIM) rates for reimbursing landowners since then, so that landowner is reconsidering. Dakota SWCD and VRWJPO are working on a proposal to BWSR for a potential wetland bank with this landowner for approximately 80 acres.

Commissioner Slavik asked if the VRWJPO has documented its desire to sell wetland credits from wetland banks that were within the watershed for impacts in the watershed. Travis and Brian said there is policy language for that. Wetland credits in the watershed currently sell on the private market for \$37,000.

The 2023 Dakota County SWCD Conservationists of the Year are Jim Sipe and Nancy Schumacher of Hampton Township, residents of the Vermillion River Watershed.

Brita Moore-Kutz

VRWJPO has hosted four out of six virtual stakeholder meetings for the 2026-2035 Watershed Plan Development. Attendees have included city staff, state agencies, township officers, Trout Unlimited members, and county staff.

In-person Community Conversations will take place on January 16 in Lakeville and January 24 in Hastings.

The Healthy Rural Living newsletter went out in November to all rural households in Dakota County and contained a half-page article about the Watershed Plan update.

Travis Thiel

Staff met with the Vermillion River Watershed Planning Commission (WPC) in November about strategies to improve engagement with the group. Meetings will change to quarterly instead of monthly, beginning February 2024. Meetings will solicit their feedback on items like Capital Improvement Projects and the annual budget. The goal is to help the WPC feel more included and engaged with watershed activities.

Commissioner Droste asked if the JPB and WPC had ever held a joint meeting. Travis said they have not during his tenure, but the WPC may consider appointing a liaison to attend JPB meetings. Commissioner Slavik added that the WPC could participate in a strategic planning session with them.

Travis asked about dates for a potential strategic planning session in late February/early March. He proposed February 22, February 29, March 5, March 13, or March 14. Commissioners Droste and Slavik indicated their preference for February 29. Commissioner Wolf left the meeting, early so staff will check in on his schedule.



The post for the Senior Specialist position was online for about two weeks until December 7.

Staff are purchasing apparel with the VRWJPO logo. Some Commissioners have expressed interest in apparel and some have indicated they are not interested.

8. Adjourn

Motion to adjourn by Commissioner Droste, seconded by Commissioner Slavik. Motion carried on a 2-0 vote.

Next Meeting Date: Thursday, January 25, 2024, at 1 p.m. in Conference Room A at the Dakota County Extension and Conservation Center, 4100 220th Street West, Farmington, MN and via teleconference on the web-based application, Microsoft Teams.

Respectfully submitted by

Brita Moore-Kutz

Communications & Outreach Specialist for the Vermillion River Watershed Joint Powers Organization

Attest

Commissioner

Secretary/ Treasurer

Date



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

November 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 (601-5010001-0000000)	\$ 240,500.00	\$ 127,331.98	\$ 9,358.10	\$ 103,809.92
B. Research & Planning (601-5010001-50100130)	\$ 41,600.00	\$ 24,395.17	\$ 15,799.91	\$ 1,404.92
C. Monitoring & Assessment (601-5010001-50100230)	\$ 156,900.00	\$ 95,676.87	\$ 1,727.60	\$ 59,495.53
D. Public Communications & Outreach (601-5010001-50100330)	\$ 167,900.00	\$ 145,642.69	\$ 12,862.21	\$ 9,395.10
E. Irrigation and Irrigation Audit (601-5010001-50100431)	\$ 20,000.00	\$ 9,397.00	\$ -	\$ 10,603.00
F. Regulation (601-5010001-50100530)	\$ 55,900.00	\$ 9,960.99	\$ 4,913.66	\$ 41,025.35
G. Coordination & Collaboration (601-5010001-50100531)	\$ 50,600.00	\$ 13,834.07	\$ 858.66	\$ 35,907.27
H. Feasibility/Preliminary Studies (601-5010001-50100631)	\$ 220,000.00	\$ 94,694.47	\$ 5,187.77	\$ 120,117.76
I. Capital Improvement Projects (601-5020001-50200130)	\$ 480,920.00	\$ 116,571.61	\$ 4,012.22	\$ 360,336.17
J. CWF BWSR- Watershed Grant (601-5010001-50100848)	\$ 12,000.00	\$ 8,380.02	\$ 403.65	\$ 3,216.33
K. WBIF Grant (BWSR) 2020-2023 North Creek (601-5010001-50100853)	\$ 387,500.00	\$ 243.76	\$ 314,198.01	\$ 73,058.23
L. WBIF Grant (BWSR) 2020-2023 Farmington Direct (601-5010001-50100854)	\$ 30,030.00	\$ -	\$ 28,740.00	\$ 1,290.00
M. WBIF Grant (BWSR) 2020-2023 Hastings Direct (601-5010001-50100855)	\$ 30,030.00	\$ 29,380.18	\$ -	\$ 649.82
N. WBIF Grant (BWSR) 2020-2023 Ravenna Basins (601-5010001-50100856)	\$ -	\$ 3,511.13	\$ -	\$ (3,511.13)
O. Lakeville East Lake Restoration (601-5010001-50100858)	\$ 93,000.00	\$ 39,905.86	\$ 950.30	\$ 52,143.84
P. CWF Comp Grant (BWSR) Foxborough TSS (601-5010001-50100859)	\$ 376,500.00	\$ 1,448.65	\$ 544.92	\$ 374,506.43
Q. CWF Comp Grant (BWSR) Ravenna Trail (601-5010001-50100860)	\$ 545,000.00	\$ -	\$ 698.65	\$ 544,301.35
R. 2022-2023 WBIF Grant (BWSR) Middle Creek (601-5010001-50100861)	\$ 363,000.00	\$ 80.73	\$ 302.73	\$ 362,616.54
S. 2022-2025 WBIF Grant (BWSR) Alimagnet Alum (601-5010001-50100862)	\$ 45,000.00	\$ 32,044.78	\$ -	\$ 12,955.22
T. 2023 CWF Competitive Grant (BWSR) East Lake (601-5010001-50100863)	\$ 337,500.00	\$ 8,968.38	\$ 868.07	\$ 327,663.55
U. Wetland Bank (601-5010001-50100930)	\$ 189,800.00	\$ -	\$ -	\$ 189,800.00
VRW JPO Revised Budget Expense TOTAL	\$ 3,843,680.00	\$ 761,468.34	\$ 401,426.46	\$ 2,680,785.20

Budget Funding Sources

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

Total \$3,966,750.00

5e. Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization Administrator and Co-administrator

Meeting Date: 1/25/2024
Item Type: Consent-Action
Contact: Travis Thiel
Telephone: 952-891-7546
Prepared by: Travis Thiel



PURPOSE/ACTION REQUESTED

- Delegation of a Limited Authority for Contracts and Purchase Agreements to the Vermillion River Watershed Joint Powers Organization (VRWJPO) 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 Vermillion River Watershed Joint Powers Board (VRWJPB). As of January 2024, 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

5e. 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 Vermillion River Watershed Joint Powers Organization (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 Vermillion River Watershed Joint Powers Board (VRWJPB); and

WHEREAS, as of January 2024, 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 VRWJPB chair delegates the authority to the 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.

5e. Authorization to Release a Request for Qualifications for Professional Services in 2024-2025

Meeting Date: 1/25/2024
Item Type: Consent-Action
Contact: Jeff Dunn
Telephone: 952-891-7140
Prepared by: Jeff Dunn
Reviewed by: N/A



PURPOSE/ACTION REQUESTED

- Authorization to release a Request for Qualifications for Professional Services in 2024-2025

SUMMARY

Vermillion River Watershed Joint Powers Organization (VRWJPO) staff request authorization to release a Request for Qualifications (RFQ) in January/February 2024 for professional engineering, environmental, and ecological restoration and management services. The RFQ process is required by the Minnesota Board of Water and Soil Resources (BWSR) for watershed districts and watershed management organizations. Watershed management organizations are required to solicit qualifications from firms on a biennial basis and provide the list of firms that have been compiled and approved to BWSR.

The list of firms can be used by the VRWJPO to contract for services that watershed staff may not be able to perform because of limited technical expertise or time constraints. The ability to choose firms based on their qualifications can save time by allowing staff to forego a Request for Proposal (RFP) process for every project. All services performed by a firm would require a contract with the VRWJPO, which would be submitted to the Vermillion River Watershed Joint Powers Board (VRWJPB) or the VRWJPO Administrator for approval before being executed. The VRWJPO staff requests authorization to release the RFQ for professional services in 2024-2025.

EXPLANATION OF FISCAL/FTE IMPACT

None

Supporting Documents:

Attachment A: Request for Qualifications for Professional Services in 2024-2025

Previous Board Action(s):

RESOLUTION

5f. Authorization to Release a Request for Qualifications (RFQ) for Professional Services in 2024-2025

WHEREAS, the Vermillion River Watershed Joint Powers Organization (VRWJPO) contracts with professional engineering, environmental, and ecological restoration and management services for projects that require specialized expertise not available among staff or are implemented within time constraints that staff is unable to meet; and

WHEREAS, the VRWJPO's ability to contract for professional service from a pre-approved list of qualified firms can provide advantages in project quality, timeliness, and efficiency; and

WHEREAS, Minn. Stat. 103B.227, subd. 5, requires watershed districts or watershed management organizations to issue a biennial solicitation for professional or technical consulting services and provide the list of selected firms to the Minnesota Board of Water and Soil Resources.

NOW, THEREFORE, BE IT RESOLVED that the Vermillion River Watershed Joint Powers Board (VRWJPB) approves the release of the RFQ for professional services in 2024-2025.



Request for Qualifications for Professional Services in 2024-2025

Pursuant to Minnesota Statutes Section 103B.227, Subd. 5, the Vermillion River Watershed Joint Powers Organization (VRWJPO) is soliciting Statements of Qualifications (SOQ) for engineering, environmental, and ecological restoration and management services for 2024 through 2025. Selected consultants will be placed a pool for professional services for specific types of Tasks detailed in Section 2.

Submitted SOQs must contain two Sections as follows:

Section 1: General Information and Qualifications for SOQ

Please include a letter of interest, a fee schedule for 2024-2025, and names and qualifications of key personnel that will provide support detailed in Section 2. This section may not exceed six (6) pages which includes a letter of interest, table of contents, cover page, and any other content the consultant desires to include in this section of the SOQ.

Section 2: Service Area Qualifications for SOQ

Please provide a summary of previous experience and related expertise for professional engineering, environmental, ecological restoration and management services in any of the following Tasks you wish to be considered for future work. Each Task summary shall include anticipated personnel previously mentioned in Section 1. The summary for each Task may not exceed three (3) pages.

Task 1: Watershed, Subwatershed and Water Resource Management and Planning:

- Services generally related to planning and development of water resources management plans, subwatershed management plans, watershed management plans, and other relevant plans associated with watershed management and organizations.

Task 2: Lake, Wetland and Stream Restoration and Management:

- Services generally related to interpreting water resources data, making technical recommendations based on water resources data, and design and construction oversight of water quality and habitat improvement projects including, but not limited to: shoreline stabilization design, fisheries management, alum/chemical treatment, lake drawdown, wetland hydrology and vegetation restoration, stream re-meandering, streambank stabilization, and in-stream habitat restoration.



Task 3: Hydrologic, Hydraulic, and Water Quality Modeling and Analysis:

- Services generally related to the development and/or analysis of water resource models, modeling data, and any associated reporting of modeling results. Model types used in development and/or analyses include, but are not limited to: HydroCAD, XPSWMM/PCSWMM/SWMMV, HEC-RAS, HEC-HMS, P8, BATHTUB, PTMApp, ACPF, and MIDS Calculator.

Task 4: Urban Stormwater Best Management Practices (BMP) Design and Construction Management:

- Services generally related to the design of urban stormwater BMPs and construction management. Urban stormwater BMP examples include, but are not limited to: bioretention, filtration basins, infiltration basins, wet sedimentation basins, phosphorous removal structures, bioreactors, bioswales, tree trenches, manufactured treatment devices, pre-treatment practices, native vegetation filter strips, stormwater reuse, and permeable pavement.

Task 5: Native Seeding, Plant Installation, Vegetation Management, Erosion Control and Bioengineering Installation:

- Services generally related to on-the-ground implementation of native seeding, plant/plug installation, mowing, herbicide treatment, prescribed burning, and installation of erosion control and bioengineering practices.

The VRWJPO will review all submittals and determine which consultants are qualified in each Task listed above. Those consultants qualified in each respective service area will be placed in a pool of professional services for calendar years 2024-2025. The VRWJPO will request proposals or quotations for projects as needed.

Please provide the SOQ in electronic (.pdf) format. SOQs must be submitted no later than **Friday, March 1, 2024, at 4:00 p.m.** SOQs should be sent via email to Jeff Dunn at jeff.dunn@co.dakota.mn.us. Notification of whether a consultant is accepted into the pool will be provided to each firm by Friday, March 29, 2024.

VRWJPO staff will review SOQs and reserve the right to reject any and all SOQs or otherwise take such action it deems in the best interest of the VRWJPO. For further information about the VRWJPO, contact Jeff Dunn, Water Resources Engineer at (952) 891-7540 or via [email](mailto:jeff.dunn@co.dakota.mn.us), or visit <http://www.vermillionriverwatershed.org>.



Vermillion River Watershed Joint Powers Organization

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

Date: January 25, 2024
To: Vermillion River Watershed Joint Powers Board
From: Staff
Subject: Joint Powers Organization Expenses

**Agenda Item 5
November 2023**

Expenses from the invoices submitted between October 17, 2023 and November 14, 2023 totalled \$123,325.48

The invoices submitted between November 15, 2023 and December 11, 2023 total:

<u>Invoice</u>	<u>Vendor</u>		<u>Amount</u>
	DC Staff Time	\$	35,483.61
	CoAttyOct23	\$	812.90
45245	VRW Per Diem	\$	50.00
023-048-2	HKGi	\$	6,385.72
023-048-3	HKGi	\$	3,360.25
2163301	Stantec	\$	1,727.60
F100356	Fossil Industries	\$	3,982.00
35976	Moore Engineering	\$	3,057.50
344811	City of Lakeville	\$	314,198.01
6998	City of Farmington	\$	28,740.00
409326	Sign Solutions	\$	181.87
2159398	Stantec	\$	3,447.00
Total expense as approved on January 25, 2024		\$	401,426.46

Action Requested: Approve all above expenses as presented on January 25, 2024

7a. Authorization to Execute a Grant Agreement with the Minnesota Board of Water and Soil Resources for FY24 Clean Water Fund Grant for the Alimagnet Lake Alum Treatment Project

Meeting Date: 1/25/2024
Item Type: Regular-Action
Contact: Travis Thiel
Telephone: 952-891-7546
Prepared by: Travis Thiel
Reviewed by: N/A

**PURPOSE/ACTION REQUESTED**

- Authorization to execute a grant agreement with the Minnesota Board of Water and Soil Resources (BWSR) for the FY24 Clean Water Fund (CWF) Grant (Grant) for the Alimagnet Lake Alum Treatment Project.

SUMMARY

Vermillion River Watershed Joint Powers Organization (VRWJPO) staff are requesting the Vermillion River Watershed Joint Powers Board (VRWJPB) authorize the execution of a Grant agreement with the BWSR for an alum treatment in Alimagnet Lake in Burnsville and Apple Valley.

Alimagnet Lake is an impaired waters due to excess nutrients (phosphorus). Previous restoration efforts by Apple Valley, Burnsville, and the VRWJPO have resulted in significant external (from offsite flows) reductions in lake phosphorus concentrations. Based on a feasibility study completed in 2023, it is estimated that an alum treatment within (internal) Alimagnet Lake will further reduce phosphorus concentrations enough where the lake could be removed from the impaired waters list.

As a result of the feasibility study, VRWJPO staff applied for a Grant in August 2023 for an alum treatment in Alimagnet Lake (Project) and were notified of a Grant award in December 2023. The Grant will provide \$287,000 toward the Project. The estimated cost of the project is \$317,000, with local match making up the remaining Project cost after the Grant funding is applied.

If authorized, the Project would be split into two partial alum treatments to be most effective. The first treatment could take place in fall 2024 with the second treatment scheduled in either 2025 or 2026.

Staff recommends authorization to execute a Grant agreement with the BWSR for the FY24 CWF Grant for the Alimagnet Lake Alum Treatment Project .

EXPLANATION OF FISCAL/FTE IMPACT

The Grant will provide the VRWJPO up to \$287,000 toward an Alimagnet Lake alum treatment. Local match will provide up to \$30,000 to meet grant match requirements and make up for remaining estimated project costs.

Supporting Documents:

Attachment A: FY24 Clean Water Fund Grant Agreement for the Alimagnet Lake Alum Treatment Project

Previous Board Action(s):

RESOLUTION

7a. Authorization to Execute a Grant Agreement with the Minnesota Board of Water and Soil Resources for FY24 Clean Water Fund Grant for the Alimagnet Lake Alum Treatment Project

WHEREAS, Alimagnet Lake is an impaired water body for excess nutrients (phosphorus);

WHEREAS, restoration efforts by Apple Valley, Burnsville, and the Vermillion River Watershed Joint Powers Organization (VRWJPO) have resulted in significant improvements in lake phosphorus concentrations; and

WHEREAS, a feasibility study completed in 2023 identified an alum treatment in Alimagnet Lake as a means to potentially reduce phosphorus concentration enough to meet water quality standards where the lake could be removed from the impaired waters list; and

WHEREAS, due to the findings of the feasibility study, VRWJPO staff applied for a Minnesota Board of Waters Resources (BWSR) FY24 CWF Alimagnet Lake Alum Treatment Project grant (Grant) for an alum treatment; and

WHEREAS, the Grant would provide \$287,000 toward the estimated \$317,000 project with local match making up the remaining project cost after Grant funding is applied;

WHEREAS, VRWJPO staff were notified in December 2023 that the Grant application was awarded funding.

NOW, THEREFORE, BE IT RESOLVED, that the Vermillion River Watershed Joint Powers Board hereby authorizes its Chair to execute a Grant Agreement with BWSR for the Alimagnet Lake alum treatment not to exceed \$287,000 as presented to the Vermillion River Watershed Joint Powers Board at its meeting on January 25, 2024; subject to approval by the Dakota County Attorney's Office as to form.



**2024 STATE OF MINNESOTA
BOARD OF WATER and SOIL RESOURCES
CLEAN WATER FUND COMPETITIVE GRANTS PROGRAM
GRANT AGREEMENT**

Vendor:	0000197289
PO#:	3000016948

This Grant Agreement is between the State of Minnesota, acting through its Board of Water and Soil Resources (Board) and Vermillion River Watershed JPO, 5045 Edgewater Circle, Savage MN 55378 (Grantee).

Fiscal Agent: Dakota County

Grant ID	Grant Title	Awarded Amt
C24-0010	FY24 CWF Alimagnet Lake Alum Treatment Project	\$287,000.00

Total Grant Awarded: \$287,000.00

Recitals

1. The Laws of Minnesota 2023, Chapter 40, Article 2, Section 6(b) appropriated funds to the Board for the FY 2024 Clean Water Fund Projects and Practices Competitive Grants Program.
2. The Laws of Minnesota 2021, First Special Session Chapter 1, Article 2, Section 6(b), Section 6(c), and Section 6(t) authorize the Board to allocate funds for the FY 2024 Clean Water Fund Projects and Practices Competitive Grants Program.
3. The Laws of Minnesota 2019 First Special Session, Chapter 2, Article 2, Section 7(c) and Section 7(p) authorize the Board to allocate funds for the FY 2024 Clean Water Fund Projects and Practices Competitive Grants Program.
4. The Board adopted Board Order #23-64 to authorize and allocate funds for the FY 2024 Clean Water Fund Project and Practices Competitive Grants Program.
5. The Grantee has submitted a BWSR-approved work plan for this Program which is incorporated into this Grant Agreement by reference.
6. The Grantee represents that it is duly qualified and agrees to perform all services described in this Grant Agreement to the satisfaction of the Board.
7. As a condition of the grant, Grantee agrees to minimize administration costs.

Authorized Representative

The State's Authorized Representative is Marcey Westrick, Central Region Manager, BWSR, 520 Lafayette Road North, Saint Paul, MN 55155, (651) 284-4153, or her successor, and has the responsibility to monitor the Grantee's performance and the authority to accept the services and performance provided under this Grant Agreement.

The Grantee's Authorized Representative is:

TITLE Mike Slavik, Vermillion River Watershed JPO Chair
ADDRESS 1590 Highway 55
CITY Hastings, MN 55033-2343
TELEPHONE NUMBER 651-438-4427

If the Grantee's Authorized Representative changes at any time during this Grant Agreement, the Grantee must immediately notify the Board.

Grant Agreement

1. Terms of the Grant Agreement.

- 1.1. **Effective date:** The date the Board obtains all required signatures under Minn. Stat. § 16B.98, Subd. 5. **The Board will notify the Grantee when this Grant Agreement has been executed. The Grantee must not begin work under this Grant Agreement until it is executed.**

- 1.2. **Expiration date: December 31, 2026** or until all obligations have been satisfactorily fulfilled, whichever comes first.
- 1.3. **Survival of Terms:** The following clauses survive the expiration date or cancellation of this Grant Agreement: 7. Liability; 8. State Audits; 9. Government Data Practices; 12. Governing Law, Jurisdiction, and Venue; 14. Data Disclosure; and 19. Intellectual Property Rights.

2. **Grantee's Duties.**

The Grantee will comply with required grants management policies and procedures set forth through Minn. Stat. § 16B.97, Subd. 4(a)(1). The Grantee is responsible for the specific duties for the Program as follows:

- 2.1. **Implementation:** The Grantee will implement their work plan, which is incorporated into this Grant Agreement by reference.
- 2.2. **Reporting:** All data and information provided in a Grantee's report shall be considered public.
 - 2.2.1. The Grantee will submit an annual progress report to the Board by February 1 of each year on the status of Program implementation by the Grantee. Information provided must conform to the requirements and formats set by the Board.
 - 2.2.2. Final Progress Report: The Grantee will submit a final progress report to the Board by February 1, **2027**, or within 30 days of completion of the project, whichever occurs sooner. Information provided must conform to the requirements and formats set by the Board. All individual grants over \$500,000 will also require a reporting expenditure by June 30 of each year.
- 2.3. **Match:** The Grantee will ensure any local match requirement will be provided as stated in Grantee's approved work plan.

3. **Time.**

The Grantee must comply with all the time requirements described in this Grant Agreement. In the performance of this Grant Agreement, time is of the essence.

4. **Terms of Payment.**

- 4.1. Funds will be distributed in three installments per grant: 1) The first payment of 50% will be distributed after the execution of the Grant Agreement. 2) The second payment of 40% will be distributed after the first payment of 50% has been expended and reporting requirements have been met. An eLINK Interim Financial Report that summarizes expenditures of the first 50% must be signed by the Grantee and approved by the Board. Selected grantees may be required at this point to submit documentation of the expenditures reported on the Interim Financial Report for verification. 3) The third payment of 10% will be distributed after the grant has been fully expended and reporting requirements are met. The final, 10% payment must be requested within 30 days of the expiration date of the Grant Agreement. An eLINK Final Financial Report that summarizes final expenditures for the grant must be signed by the Grantee and approved by the Board.
- 4.2. All costs must be incurred within the grant period. All incurred costs should be calculated or determined before the final report is completed or returning funds.
- 4.3. Unspent grant funds must be returned within 30 days of the expiration date of the Grant Agreement.
- 4.4. Once final reporting has been completed funds may not be re-requested as funds may not be available.
- 4.5. The obligation of the State under this Grant Agreement will not exceed the amount listed above.
- 4.6. This Grant Agreement includes an advance payment of 50 % of each grant's total amount per grant. Advance payments allow the grantee to have adequate operating capital for start-up costs, ensure their financial commitment to landowners and contractors, and to better schedule work into the future.

5. **Conditions of Payment.**

All services provided by the Grantee under this Grant Agreement must be performed to the Board's satisfaction, as set forth in this Grant Agreement. Compliance will be determined at the sole discretion of the Board's Authorized Representative and in accordance with all applicable federal, State, and local laws, policies, ordinances, rules, **FY 2024 Clean Water Fund Competitive Grant Policy**, and regulations. The Grantee will not receive payment, may be required to repay grant funds, or may have future payments withheld if work is found by the Board to be unsatisfactory or performed in violation of federal, State, or local law.

6. **Assignment, Amendments, and Waiver.**

- 6.1. **Assignment.** The Grantee may neither assign nor transfer any rights or obligations under this Grant Agreement without the prior consent of the Board and a fully executed Assignment Agreement, executed, and approved by the same parties who executed and approved this Grant Agreement, or their successors in office.
- 6.2. **Amendments.** Any amendments to this Grant Agreement must be in writing and will not be effective until approved and executed by the same parties who approved and executed the original Grant Agreement, or their successors in office. Amendments must be executed prior to the expiration of the original Grant Agreement or any amendments thereto.

6.3. **Waiver.** If the Board fails to enforce any provision of this Grant Agreement, that failure does not waive the provision or its right to enforce it.

7. **Liability.**

The Grantee must indemnify, save, and hold the State, its agents, and employees harmless from any claims or causes of action, including attorney's fees incurred by the State, arising from the performance of this Grant Agreement by the Grantee or the Grantee's agents or employees. This clause will not be construed to bar any legal remedies the Grantee may have for the State's failure to fulfill its obligations under this Grant Agreement.

8. **State Audits.**

Under Minn. Stat. § 16B.98, Subd. 8, the Grantee's books, records, documents, and accounting procedures and practices of the Grantee or other party relevant to this Grant Agreement or transaction are subject to examination by the Board and/or the State Auditor or Legislative Auditor, as appropriate, for a minimum of six years from the end of this Grant Agreement, receipt and approval of all final reports, or the required period of time to satisfy all State and program retention requirements, whichever is later.

8.1. The books, records, documents, accounting procedures and practices of the Grantee and its designated local units of government and contractors relevant to this grant, may be examined at any time by the Board or Board's designee and are subject to verification. The Grantee or delegated local unit of government will maintain records relating to the receipt and expenditure of grant funds.

9. **Government Data Practices.**

The Grantee and State must comply with the Minnesota Government Data Practices Act, Minn. Stat. Ch. 13, as it applies to all data provided by the State under this Grant Agreement, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Grantee under this Grant Agreement. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data referred to in this clause by either the Grantee or the State.

10. **Workers' Compensation.**

The Grantee certifies that it is in compliance with Minn. Stat. § 176.181, Subd. 2, pertaining to workers' compensation insurance coverage. The Grantee's employees and agents will not be considered State employees. Any claims that may arise under the Minnesota Workers' Compensation Act on behalf of these employees and any claims made by any third party as a consequence of any act or omission on the part of these employees are in no way the State's obligation or responsibility.

11. **Publicity and Endorsement.**

11.1. **Publicity.** Any publicity regarding the subject matter of this Grant Agreement must identify the Board as the sponsoring agency. For purposes of this provision, publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Grantee individually or jointly with others, or any subcontractors, with respect to the Program, publications, or services provided resulting from this Grant Agreement.

11.2. **Endorsement.** The Grantee must not claim that the State endorses its products or services.

12. **Governing Law, Jurisdiction, and Venue.**

Minnesota law, without regard to its choice-of-law provisions, governs this Grant Agreement. Venue for all legal proceedings out of this Grant Agreement, or its breach, must be in the appropriate State or federal court with competent jurisdiction in Ramsey County, Minnesota.

13. **Termination.**

13.1. The Board may cancel this Grant Agreement at any time, with or without cause, upon 30 days' written notice to the Grantee. Upon termination, the Grantee will be entitled to payment, determined on a pro rata basis, for services satisfactorily performed.

13.2. The Board may immediately terminate this Grant Agreement if the Board finds that there has been a failure to comply with the provisions of this Grant Agreement, that reasonable progress has not been made or that the purposes for which the funds were granted have not been or will not be fulfilled. The Board may take action to protect the interests of the State of Minnesota, including the refusal to disburse additional funds and requiring the return of all or part of the funds already disbursed.

14. **Data Disclosure.**

Under Minn. Stat. § 270C.65, Subd. 3, and other applicable law, the Grantee consents to disclosure of its social security number, federal employer tax identification number, and/or Minnesota tax identification number, already provided to the State, to

federal and State tax agencies and State personnel involved in the payment of State obligations. These identification numbers may be used in the enforcement of federal and State tax laws which could result in action requiring the Grantee to file State tax returns and pay delinquent State tax liabilities, if any.

15. Prevailing Wage.

It is the responsibility of the Grantee or contractor to pay prevailing wage for projects that include construction work of \$25,000 or more, prevailing wage rules apply per Minn. Stat. §§ 177.41 through 177.44. All laborers and mechanics employed by grant recipients and subcontractors funded in whole or in part with these State funds shall be paid wages at a rate not less than those prevailing on projects of a character similar in the locality. Bid requests must state the project is subject to prevailing wage.

16. Municipal Contracting Law.

Per Minn. Stat. § 471.345, grantees that are municipalities as defined in Subd. 1 of this statute must follow the Uniform Municipal Contracting Law. Supporting documentation of the bidding process utilized to contract services must be included in the Grantee’s financial records, including support documentation justifying a single/sole source bid, if applicable.

17. Constitutional Compliance.

It is the responsibility of the Grantee to comply with requirements of the Minnesota Constitution regarding the use of Clean Water Funds to supplement traditional sources of funding.

18. Signage.

It is the responsibility of the Grantee to comply with requirements for project signage as provided in Minnesota Laws 2010, Chapter 361, Article 3, Section 5(b) for Clean Water Fund projects.

19. Intellectual Property Rights.

The State owns all rights, title, and interest in all of the intellectual property rights, including copyrights, patents, trade secrets, trademarks, and service marks in the Works and Documents *created and paid for under this grant*. Works means all inventions, improvements, discoveries, (whether or not patentable), databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, and disks conceived, reduced to practice, created or originated by the Grantee, its employees, agents, and subcontractors, either individually or jointly with others in the performance of this grant. Work includes “Documents.” Documents are the originals of any databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, disks, or other materials, whether in tangible or electronic forms, prepared by the Grantee, its employees, agents, or subcontractors, in the performance of this grant. The Documents will be the exclusive property of the State and all such Documents must be immediately returned to the State by the Grantee upon completion or cancellation of this grant at the State’s request. To the extent possible, those Works eligible for copyright protection under the United State Copyright Act will be deemed to be “works made for hire.” The Grantee assigns all right, title, and interest it may have in the Works and the Documents to the State. The Grantee must, at the request of the State, execute all papers and perform all other acts necessary to transfer or record the State’s ownership interest in the Works and Documents.

IN WITNESS WHEREOF, the parties have caused this Grant Agreement to be duly executed intending to be bound thereby.

Approved:

Vermillion River Watershed JPO

Board of Water and Soil Resources

Mike Slavik

By: _____

By: _____

(signature)

(signature)

Chair, Vermillion River watershed JPO

Title: _____

Title: _____

Date: _____

Date: _____

7b. Watershed "Brand" Awareness Campaign

Meeting Date: 1/25/2024
Item Type: Regular-Information
Contact: Brita Moore-Kutz
Telephone: 952-891-7967
Prepared by: Brita Moore-Kutz
Reviewed by: N/A N/A



PURPOSE/ACTION REQUESTED

- Informational update on strategies and goals for expanding awareness of the watershed.

SUMMARY

In the public engagement process for the 2026-2035 Vermillion River Watershed Plan, staff noticed that some stakeholders lack awareness of the Vermillion River Watershed Joint Powers Organization (VRWJPO) and its work. This prompted discussion on how to increase popular recognition of the watershed.

Staff created an outline of methods to make the watershed more visible and its mission clearer. This will create a stronger basis for civic engagement and citizen-led stewardship in the watershed.

EXPLANATION OF FISCAL/FTE IMPACT

None

Supporting Documents:

Attachment A: Awareness Campaign

Previous Board Action(s):

- ;
- ;
- ;
- ;
- ;

RESOLUTION

Information only.



Awareness Campaign

Introduction

With the development of the next Watershed Management Plan, the Vermillion River Watershed Joint Powers Organization (VRWJPO) staff, based on feedback from the Vermillion River Watershed Joint Powers Board (VRWJPB), believe it is an opportune moment to initiate a campaign to raise overall awareness of the watershed and the organization.

This campaign will focus on organic (non-paid) methods for expanding outreach. Staff may consider paid media methods in the future if shown to be potentially effective. Paid media could include billboards, targeted advertising on social media, or radio advertisements.

At this time, the length of the campaign is not set in stone. The social media aspect of the campaign can be completed quickly, but it takes longer to produce video content. Staff anticipate the campaign running at least through calendar year 2024.

Goal

Community members and stakeholders will recognize the VRWJPO by its logo and have a basic understand of the organization's role in protecting water resources.

Methods

- Create a series of social media posts highlighting facts, features, and history about the watershed, as well as the VRWJPO and its roles. Post ideas include:
 - What is a watershed, accompanied by facts about the size and area of the VRW
 - Ask for comments: What is your favorite place in the watershed?
 - Interesting historical facts and stories of about people, cities, features, places of significance in the VRW (Examples: Ravenna Township website – Etter village, Commissioner Atkins's social media, City of Lakeville "Did You Know" social campaign)
 - Unique positionality among suburban, rural, and agricultural communities
 - Why trout and other wildlife are important to the ecosystem and where they can be found
 - Recreational lakes

- Parks and green space in the watershed
- Project highlights
- Tips for everyday stewardship
 - Seasonal
 - Illicit discharge video
 - Awareness of aquatic invasive species
- Call for photo/art submissions of the watershed
- Create a dot board with a map of the watershed to bring to local events, with a sheet of dot stickers. This is meant to encourage people to find out if they live in the VRW. The board will include QR codes to various locations on the VRW website to learn more, as well as high-level details about VRWJPO's roles and responsibilities.
- Create a 15-30 second high-level video about the watershed to promote on the website and social media.
- Create a lengthier promotional video at Foxborough Park and/or other projects, introducing the watershed through drone imagery; historical narrative; project overview; and on-camera staff, JPB member, and Planning Commission member interviews.
- Secure more opportunities for community event tabling.
- Establish relationships with local media outlets to publish event details and other information in their regular pages (not public notices).
- Connect with other publications our target audience reads, such as the DNR volunteer magazine, The Land Magazine, for example.
- Ask partners to commit to sharing information about VRWJPO collaborations in public forums, both in-person and digital.
 - Counties
 - Cities
 - SWCDs
 - Citizen groups

Key performance indicators (KPIs)

- Post reactions, comments, shares
- New Facebook and Instagram followers acquired over campaign period
- Number of people engaging with us at community events
- New newsletter subscribers

7c. Authorization to Approve Kasprzyk Agricultural Buildings

Meeting Date: 1/25/2024
Item Type: Regular - Action
Contact: Jeff Dunn
Telephone: 952-891-7140
Prepared by: Jeff Dunn
Reviewed by: N/A



PURPOSE/ACTION REQUESTED

- Authorization to Approve permit application for Kasprzyk Agricultural Buildings.

SUMMARY

At its meeting on January 26, 2017, the Vermillion River Watershed Joint Powers Board (VRWJPB) reinstated enforcement of the Vermillion River Watershed Joint Powers Organization (VRWJPO) Rules in those portions of Eureka Township located within the Vermillion River Watershed after Eureka Township rescinded its authority to implement a local program to apply the Standards of the VRWJPO (Resolution Number VRW 17-03).

Kasprzyk, LLC has submitted a permit application to the VRWJPO for the construction of three greenhouses located at 7987 257th Street West in Eureka Township. The proposed project consists of the construction of approximately 84,000 square feet of greenhouse buildings, paved surfaced areas, and the construction of stormwater management facilities. The existing single-family home and greenhouses will remain on site. The total site disturbance is about 4.5 acres. The permit application, site plan, and grading plan are included as attachments. A development with greater than one acre of new impervious triggers the stormwater management portion of the VRWJPO Rules, which apply to the site in addition to the erosion and sediment control portion of the Rules.

To meet the stormwater management portion of the Rules, the applicant’s consultant has designed an infiltration basin sized to manage runoff from the new impervious area. VRWJPO staff reviewed two separate submittals beginning on January 17, 2024 and provided reviews on the proposed stormwater management design and temporary controls for erosion and sediment control. The final submittals by the applicant’s consultant on January 22, 2024 have addressed these comments, and VRWJPO finds the proposed design adequate thereby meeting the Rules.

At the VRWJPB meeting on July 27, 2017, the Board resolved to delegate permitting approvals to staff except for certain project scenarios, including development “sites with greater than 1 acre of new impervious surface” (Resolution Number VRW 17-39). Per the details of that resolution, these “permits of concern will still be brought before the VRWJPB for their consideration and decision.” Staff recommends the approval of this permit application by the VRWJPB allowing staff to issue a VRWJPO permit to the applicant.

EXPLANATION OF FISCAL/FTE IMPACT

Kasprzyk, LLC has paid a permit application fee and an escrow amount that will be used by VRWJPO staff for application review and inspection of the construction of the project until substantial completion has been certified.

Supporting Documents:

Attachment A: Site Plan and Technical Data Excerpts

Previous Board Action(s):

VRW-17-03; 1/26/2017

VRW-17-39; 7/27/2017

- ;

RESOLUTION

7c. Authorization to Approve Kasprzyk Agricultural Buildings

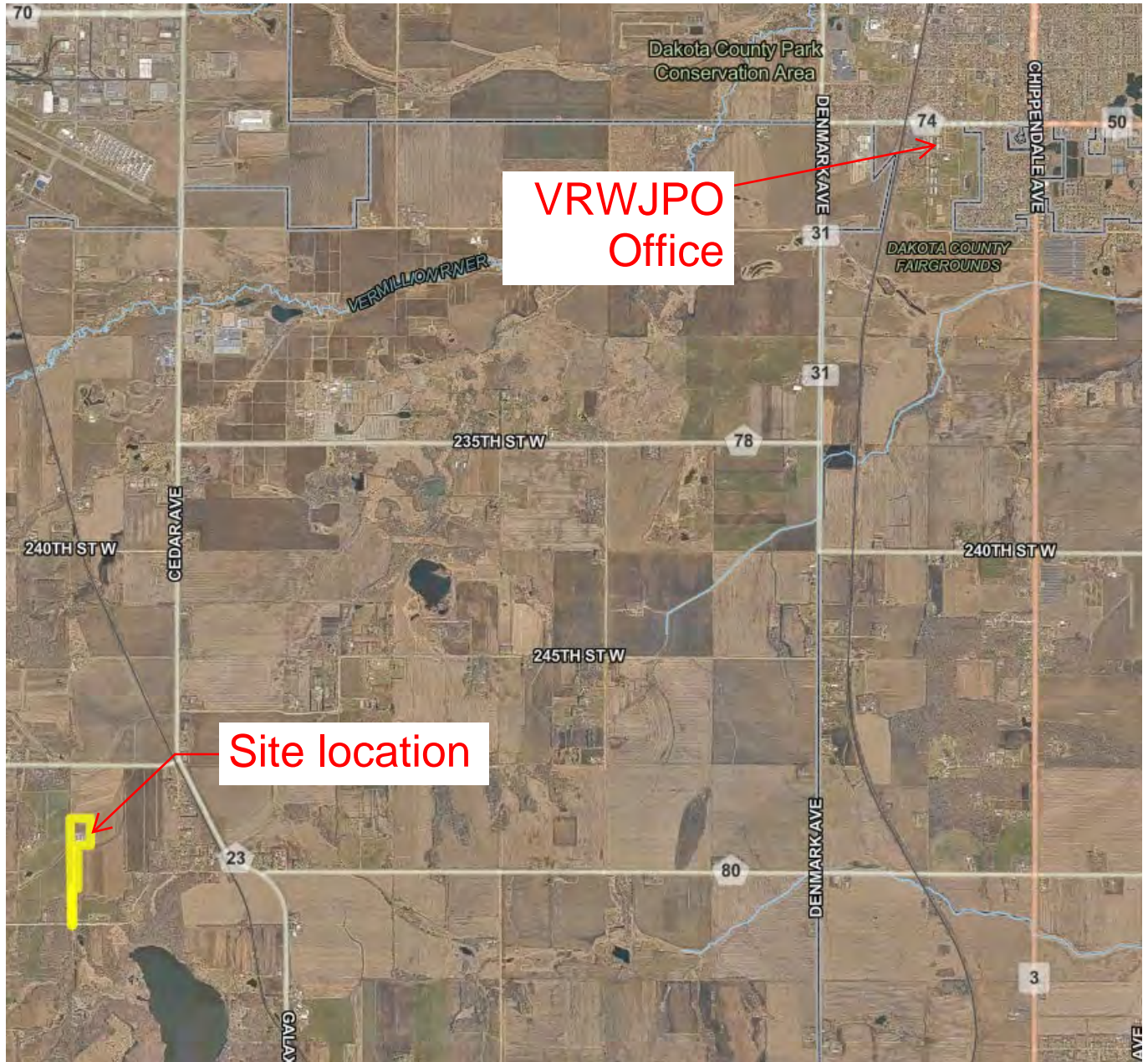
WHEREAS, the Vermillion River Watershed Joint Powers Board (VRWJPB) reinstated enforcement of the Vermillion River Watershed Joint Powers Organization (VRWJPO) Rules in those portions of Eureka Township located within the Vermillion River Watershed at the January 26, 2017 meeting; and

WHEREAS, Kasprzyk, LLC has applied to receive a VRWJPO permit to construct three greenhouses and related site improvements located at 7987 257th Street West in Eureka Township; and

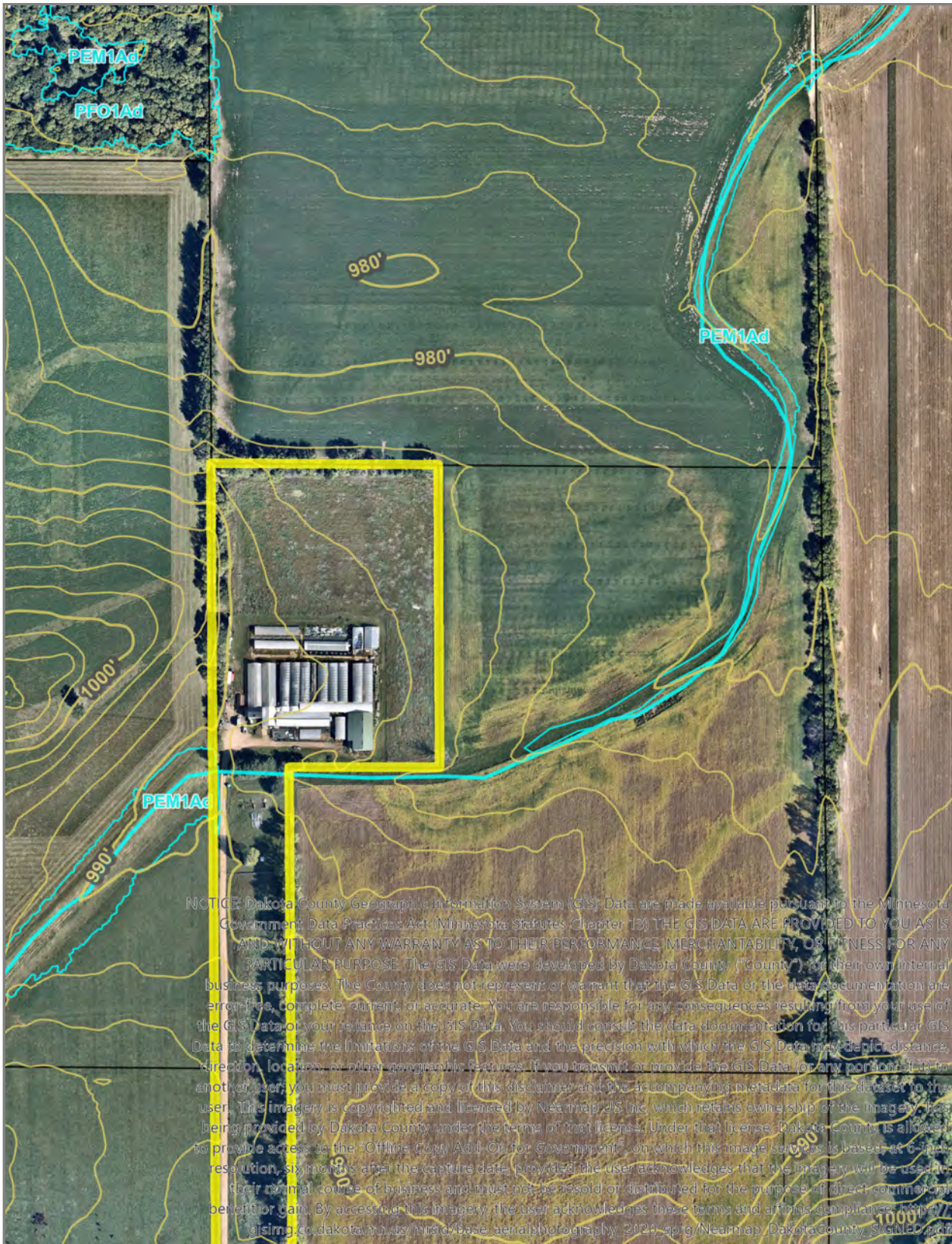
WHEREAS, the stormwater management and the erosion and sediment control portions of the VRWJPO Rules apply to the site, which require permanent stormwater features and temporary erosion and sediment control measures; and

WHEREAS, the applicant has provided a check for the required escrow to be used for VRWJPO review and inspection time and has satisfied the requirements of the application process.

NOW, THEREFORE, BE IT RESOLVED, that the VRWJPB hereby approves the permit application for Kasprzyk Agricultural Buildings allowing staff to issue a VRWJPO permit to the applicant.



Kasprzyk Agricultural Buildings Aerial Map



Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.

Map Scale
1 inch = 300 feet
8/23/2023



1 2 3 4 5 6

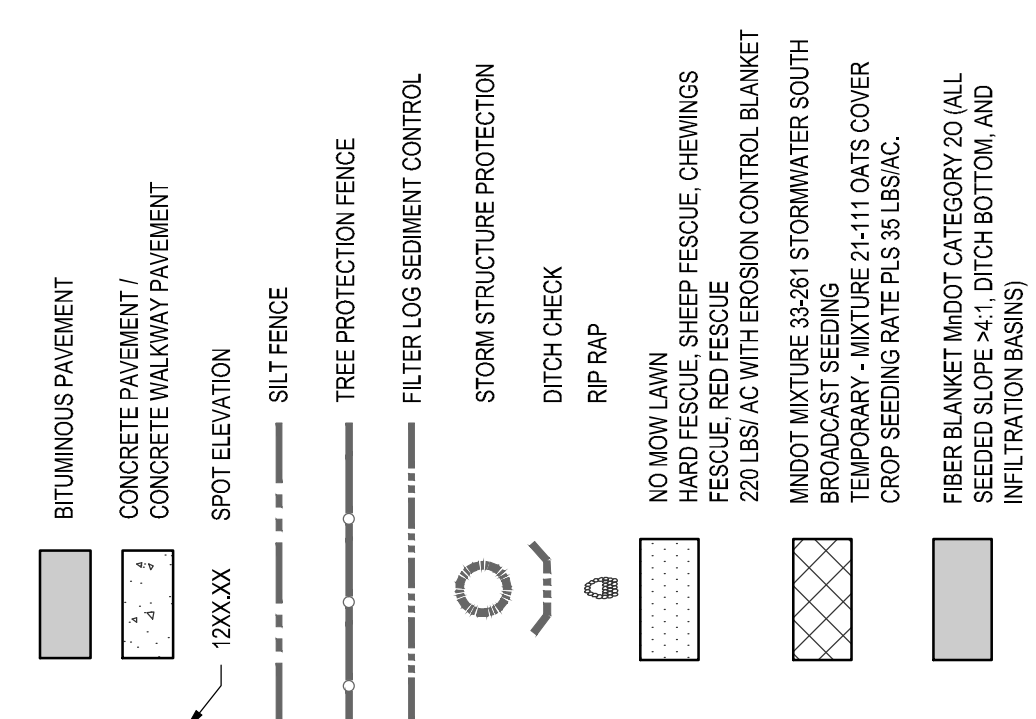
GRADING NOTES

- SEE SHEET C-202 FOR GRADING PLAN NOTES.

EROSION CONTROL NOTES

- THE DIMENSIONS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY. CONTRACTOR TO OBTAIN DIGITAL FILE FROM ENGINEER TO BE USED FOR ALL CONSTRUCTION STAKING AND SITE LAYOUT.
- ALL DISTURBED AREAS WITH FLATTER THAN 4:1 SLOPE THAT ARE NOT STABILIZED BY SOME OTHER METHOD SHALL BE PROTECTED WITH EROSION CONTROL MEASURES AND SEEDING AS SPECIFIED.
- REMOVE SILT FENCE AND CHECK DAMS AFTER VEGETATION IS ESTABLISHED. BIO-DEGRADABLE FILTER LOG DOES NOT NEED TO BE REMOVED.
- PROVIDE TEMPORARY SEEDING OR FINAL LANDSCAPING WITHIN 72 HOURS OF COMPLETION OF GRADING OR 7 DAYS OF INACTIVITY.
- REFER TO SHEET C-203 FOR ADDITIONAL SWPPP REQUIREMENTS.
- REFER TO THE LANDSCAPE PLAN FOR FINAL REVEGETATION REQUIREMENTS.
- FOLLOW SEED SPECIFICATIONS, SITE PREPARATION, SEEDING METHODS, SEEDING ESTABLISHING AND MAINTENANCE AS PER THE MIDDOT SEEDING MANUAL, 2014 AND MIDDOT SPECIFICATION 255.33 AND 3076, UNLESS NOTED OTHERWISE.
- EROSION CONTROL MEASURES SHOWN SHOULD BE CONSIDERED THE MINIMUM. THE CONTRACTOR MAY NEED TO ADD ADDITIONAL EROSION CONTROL BMPs OR REPLACE EROSION CONTROL MEASURES DURING CONSTRUCTION TO PROTECT THE SITE AND MAINTAIN COMPLIANCE WITH THE SWPPP.

LEGEND



NPDES AREA SUMMARY

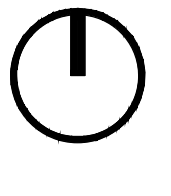
Event	Existing Rate	Proposed Rate	Rate Reduction	Existing Volume	Proposed Volume	Volume Change
	CFS	CFS	CFS	AC-FT	AC-FT	AC-FT
1" W - 24 Hr	6.1	2.2	-3.9	0.003	0.124	-0.123
2" W - 24 Hr	5.4	2.8	-2.6	0.462	0.133	-0.309
30" W - 24 Hr	12.9	8.5	-4.4	0.955	0.302	-0.653
60" W - 24 Hr	25.8	17.2	-8.6	1.910	0.604	-1.306
100" W - 4 Day	179	11.1	-168	13.68	1.668	-12.012

CERTIFICATION
I hereby certify that this plan, specification or report was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of MINNESOTA.

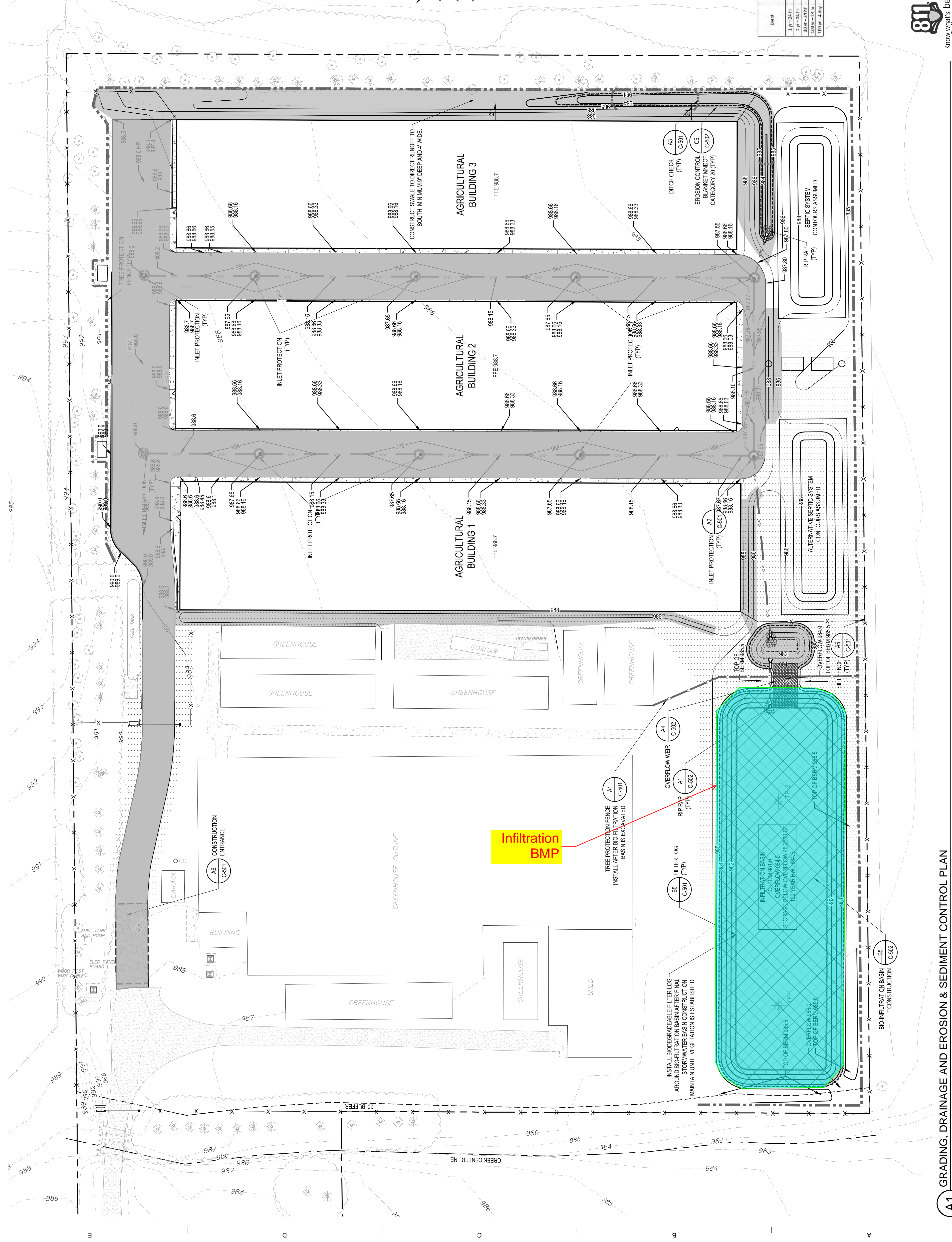
Stephen M. Weissen
STEPHEN M. WEISSEN
REGISTRATION NO. 16914
DATE
01/18/2024

GRADING, DRAINAGE AND EROSION & SEDIMENT CONTROL PLAN

C-201
PROJECT NO. ZZZ73028



30 90
SCALE IN FEET



A1 GRADING, DRAINAGE AND EROSION & SEDIMENT CONTROL PLAN
1" = 30'

Compliance Details:

Reduce Post Development Discharge at or below Existing Conditions:

Event	Existing Rate (CFS)	Proposed rate (CFS)	Reduction (CFS)
1 yr/24hr	4.1	2.2	-1.9
2 yr/24hr	5.4	2.8	-2.6
10 yr/24 hr	12.9	8.5	-4.4
100 yr/ 24 hr	36.5	21.2	-15.3

Infiltrate Runoff Volume for 1.1" (~1.8-Yr Storm) of Rainfall from New Impervious Area:

- Required: 11,600 CF for 2.89 Acres of New Impervious
- Total BMP Capacity (2-yr): 37,400 CF
- Drawdown Time: 27 Hours

Enhance Water Quality (remove 85% minimum):

Pollutant	Load Reduction (LBS-YR)	Removal Efficiency
Tss	1384	87%
Phosphorous	7.62	87%

