

# November 2024 Board Packet

# \*\*\*\*\*\*

# Agenda

\*\*\*\*\*\*



## **Regular Board Meeting Agenda**

Wednesday, November 6, 2024

6:30 PM

This month's meeting will be held at the District office (2665 Noel Drive, Little Canada, MN) but also via the video conferencing platform Zoom. Board members, staff, consultants, and general public will be able to join in person OR via video and/or phone. The public will be able to listen to meeting but not participate with the exception of the visitor comments portion of the agenda. Instructions for joining in on the Zoom meeting can be found after the agenda.

- 1. Call to Order 6:30 PM
- 2. Approval of Agenda (pg. 3)
- Consent Agenda: To all be approved with one motion unless removed from consent agenda for discussion.
  - A. Approval of Regular Meeting Minutes October 2, 2024 (pg. 7)
  - B. Treasurer's Report and Bill List (pg. 16)
  - C. Permit Program
    - i. 24-49 Tanners Lake Development, Oakdale (pg. 32)
  - D. Stewardship Grant Program
    - i. 24-50 CS Pass the Piano (pg. 39)
    - ii. 24-51 CS Lindberg (pg. 41)
    - iii. 24-53 CS Owasso Hills Drainage Improvements (pg. 43)
    - iv. 24-55 CS St. Paul Street Sweeping (pg. 45)
    - v. 24-56 CS Redeemer Lutheran Church (pg. 46)
  - E. County Road C Culvert Replacement Change Order No. 1 (pg. 48)
- 4. Visitor Comments (limited to 4 minutes each)
- 5. Permit Program
  - A. Applications see consent agenda
  - B. Enforcement Action Report (pg. 53)
- 6. Stewardship Grant Program
  - A. Applications see consent agenda
  - B. Budget Status Update (pg. 58)
- 7. Action Items
  - A. 2025 CIP Maintenance and Repair Project Approval of Plans and Authorization to Advertise for Bid (pg. 60)
  - B. Approval to Distribute Watershed Management Plan Notification Letter (pg. 83)
- 8. Attorney Report
- 9. Board Discussion Topics
- 10. New Reports and/or Presentations
  - A. RWMWD Project Cost-Benefit Analysis Update (pg. 91)
  - B. Maplewood Mall Assessment Report (pg. 97)
  - C. Owasso Basin Lessons Learned (pg. 115)
  - D. Manufactured Home Development Evaluation (pg. 118)

- E. Emergency Response Plans for or Site Scale Modifications for Non-Beltline Subwatershed Scope Summary (pg. 120)
- F. Wabasso Outlet Scope Summary (pg. 123)
- 11. Administrator's Report (pg. 127)
  - A. Meetings Attended
  - B. Upcoming Meetings and Dates
  - C. Staff Anniversaries
  - D. Board Action Log
  - E. Minnesota Watersheds Updates
- 12. Project and Program Status Reports (pg. 219)

#### **Project Feasibility Studies**

- A. Street Sweeping
- B. Maplewood Mall 2024 Assessment
- C. Watershed Approach to Retrofit Projects

#### Monitoring water quality/project monitoring

D. Special-Project BMP monitoring

#### Watershed Management Plan Update

E. Watershed Management Plan Update Scoping

#### **Project Operations**

F. Lake Phalen/Keller Creek and Twin Lake Operations Support and Communications

#### Capital Improvements

- G. Woodbury Target Store Stormwater Retrofits
- H. Targeted Retrofit Projects 2024
- I. Stewardship Grant Program
- J. Pioneer Park Stormwater Reuse
- K. Fish Creek Tributary Improvements
- L. Cottage Place Wetland Regeneration
- M. County Road C Culvert Replacement
- N. Kohlman Creek Flood Risk Reduction Projects
- O. Kohlman Lake Alum Treatment

#### CIP Project Repair and Maintenance

- P. Routine CIP Inspection and Unplanned Maintenance Identification
- Q. Beltline Mississippi Branch Outfall Replacement Project

#### **Program Updates**

- R. Natural Resources Program
- S. Communications and Engagement Program
- T. Citizen Advisory Committee
- 13. Manager Comments and Next Month's Meeting
- 14. Adjourn



# NOTICE OF BOARD MEETING Wednesday, November 6, 2024 6:30 PM

## **Hybrid Meeting: In-Person and Web Conference**

This month's meeting will be held at the District office (2665 Noel Drive, Little Canada, MN) AND via the video conferencing platform Zoom. Board members, staff, consultants, and general public will be able to join in person or via Zoom. The public will be able to listen to meeting but not participate with the exception of the visitor comments portion of the agenda. Visitor comment may be given in person or via Zoom. Instructions for joining in on the Zoom meeting can be found below.

To access the meeting via webcast, please use this link: <a href="https://us02web.zoom.us/j/89813567283">https://us02web.zoom.us/j/89813567283</a>

The meeting room will open at 6:20 pm with the meeting starting at 6:30 pm. To connect to audio, you may choose to use your computer audio options or you may use your mobile device to call. The phone access number is **(312) 626-6799**. The Meeting ID is **898 1356 7283**. The meeting password is **937982**. If you have any questions, please contact Tina Carstens at <a href="mailto:tina.carstens@rwmwd.org">tina.carstens@rwmwd.org</a>.

\*\*\*\*\*\*

# Consent Agenda

\*\*\*\*\*\*\*



### Ramsey-Washington Metro Watershed District Minutes of Regular Board Meeting October 2, 2024

The Regular Meeting of October 2, 2024, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, and via Zoom web conferencing at 6:30 p.m. A video recording of the meeting can be found at <a href="https://youtu.be/1DzckDnZXmo">https://youtu.be/1DzckDnZXmo</a>. Video time stamps included after each agenda item in minutes.

PRESENT: ABSENT:

Val Eisele, President Ben Karp, Vice President Mark Gernes, Secretary Matt Kramer, Treasurer Stephanie Wang, Manager

#### **ALSO PRESENT:**

Staff: Consultants:

Tina Carstens, District Administrator

Paige Ahlborg, Assistant Administrator

Nicole Maras, Regulatory Program Manager

Laurann Kirschner, Attorney for District

Erin Anderson Wenz, Barr Engineering

Katie Turpin Nagel, Barr Engineering

Ashlee Ricci, Grant Program Specialist

Eric Korte, Monitoring Program Manager

Visitors:

Dave Vlasin, Project Coordinator Cameron Muhic, North St. Paul Commission Member

Paul Erdmann, Natural Resources Program Manager Matt Schwartz, Kimley Horn Sophie Taylor, Observer

#### 1. CALL TO ORDER

The meeting was called to order by President Eisele at 6:30 p.m.

#### 2. APPROVAL OF AGENDA (0:25)

Motion: Manager Kramer moved, Manager Karp seconded, to approve the agenda.

Motion carried unanimously.

#### 3. CONSENT AGENDA (0:45)

- A. Approval of Minutes from September 4, 2024
- B. Treasurer's Report and Bill List
- C. Permit Program
  - i. 24-46 Woodbury WTP South Wellfield
- D. <u>Stewardship Grant Program</u>
  - i. 24-45 CS Stevenson
  - ii. 24-47 CS Pitrina Park Terrace Association
  - iii. 24-45 CS Escape Climbing

Motion: Manager Kramer moved, Manager Gernes seconded to approve the consent agenda.

Motion carried unanimously.

#### 4. VISITOR COMMENTS (02:25)

No comments.

#### 5. PERMIT PROGRAM (03:11)

#### A. Applications

#### i. 24-47 Woodbury WTP - Tamarack Wellfield

Nicole Maras provided details of the permit application 24-47 Woodbury WTP – Tamarack Wellfield. Nicole explained that this is a segment of a water supply project similar to 24-46 Woodbury WTP – South Wellfield and 24-41 Woodbury WTP – Woodlane-Hargis Parkway, which was approved at the September meeting. Nicole stated that there is a variance request for disturbance of the wetland buffer. Nicole stated there are two locations near Woodbury City Hall where the buffer would be impacted. Nicole stated that the buffer requirements are not currently met in the existing conditions due to a paved walking trail and Valley Creek Road. Nicole reiterated that this would be a variance for buffer disturbance with no wetland impacts proposed and noted that this project was a part of a larger planning process related to PFAS.

<u>Motion:</u> Manager Kramer moved, Manager Wang seconded, to approve permit 24-47 Woodbury WTP – Tamarack Wellfield

Motion carried unanimously.

#### ii. 24-48 Shoreview Villas I

Nicole Maras explained that permit application 24-48 Shoreview Villa I is the initial phase to a larger development on Snail Lake. Nicole provided the details of the site noting that there were structures that needed to be removed and explained that the proposal was to develop single-family homes on the site. Nicole noted that this permit request is for the homes proposed in the interior portion of the development and explained that the lake adjacent homes would need review for grading and impervious surface calculations to ensure that the filtration basin designed is adequately sized. Nicole stated that additional permitting should be anticipated for those lake adjacent homes. Nicole explained there was a variance request to remove existing stairs and outbuildings next to the lake. Nicole noted that a wetland fringe around the lake was identified as jurisdictional and would require the buffer to be maintained. Nicole stated that the variance request included the installation of wooden stairs and a mulch access trail, which would be a reduction in impervious areas within the buffer over existing conditions. Nicole stated that there is another buffer variance for installation of a flared end that would connect the filtration basin towards the east and would outlet to the wetland.

President Eisele asked for more information on the permitting of the proposed lake homes.

Nicole Maras explained that she was unsure of the number of permits, noting that there would need to be review of the grading plans to make sure there would be no alteration to floodplain or to the wetland buffer as well as to verify the impervious area is what was assumed for the stormwater system. Nicole stated that what was included in permit application 24-48 Shoreview Villas I was the interior homes in block two and block three on the plans, the stormwater basin, stair replacement, the outfall to the wetland in the northwest and a potential dock.

President Eisele questioned how common outfall pipes are in no disturb buffers.

Nicole Maras explained that they are very common to get water out of basins. Nicole stated that because this is a filtration basin the water would outlet via drain tile after it had been treated in the sand layer and would be picked up via storm sewer to the wetland, noting that the water would be pre-treated.

Manager Wang questioned if there were opportunities to work with developers to promote healthy lakeshore landscaping due to there being a long-term benefit.

Nicole Maras explained that they would be required to maintain the buffer due to the wetland fringe around Snail Lake. Nicole stated that it could be looked at when plans come in for the lake adjacent homes. Nicole stated that depending on the grading that occurs shoreline restoration grant opportunities could be discussed.

Motion: Manager Gernes moved, Manager Kramer seconded to approve permit 24-48 Shoreview Villas I.

Motion carried unanimously.

#### B. Monthly Enforcement Report

Nicole Maras provided details of the monthly enforcement report and highlighted the underground inspection case study for closed permits. Nicole provided details of the maintenance inspections done on old systems, noting that the findings and eventual repairs are common. Nicole explained that it can be challenging when the BMPs are underground due to changes in developers, property managers and property owners over time, highlighting the need to stay on top of the inspections. Nicole explained that these inspections are completed for private properties as well as city and county owned facilities.

Manager Gernes expressed the importance of the work being done and noted the importance of potentially expanding that work.

Manager Gernes questioned if annual inspections are included in the maintenance and operations plans.

Nicole Maras confirmed that the need to complete annual inspections are included in the signed agreement. Nicole stated that the agreement goes with the land and it might be an educational opportunity to continue with onsite meetings. Nicole stated that there is a desire to expand maintenance inspections as much as possible.

Manager Wang questioned how frequently staff are able to complete the inspections.

Nicole Maras stated that the underground system inspections began around 10 years ago. Nicole Maras said over 10 years systems are inspected two or three times. Nicole stated that permit closeouts are prioritized due to escrow money being involved. Nicole provided information on how locations are chosen to be inspected.

Manager Gernes questioned if there was a reporting obligation for the completion of annual inspections of the underground systems.

Nicole Maras stated there are reporting obligations and noted that it does raise a red flag when the reports are not completed but with the large number of properties to inspect it can take some time for the follow-up to occur. Nicole stated that more follow-up work is being done when inspection reports are not received and had noticed an improvement in the number of reports being received. Nicole noted that District staff are taking initiative to expand closed BMP inspections.

Laurann Kirschner stated that a suggestion to be considered would be recoding maintenance agreements against the property so that future owners are on notice of the requirements, and would not dependent on the seller providing that information.

Nicole Maras stated that most do get recorded, but proof of recording is not required during the closeout process.

Laurann Kirschner suggested proof of recording before closing out a permit may be an option.

President Eisele stated that he would like proof of recording to be looked at and added as a discussion topic at a later time.

Tina Carstens stated that it could be revisited at the January meeting during the permit program annual summary.

President Eisele stated that he believed that January would be a good time to revisit the closed permit BMP inspections. President Eisele noted that it would give time to see if the new communication strategy was working.

#### 6. STEWARDSHIP GRANT PROGRAM (38:47)

A. Applications - See consent agenda

#### B. Budget Status Update

Ashlee provided an overview of the budget status report noting five projects had been approved by staff in September.

#### 7. ACTION ITEMS

#### A. Watershed Excellence Awards Approval (41:40)

Tina Carstens provided details on the Watershed Excellence Awards. Tina stated that the CAC had selected the award winners and were asking the Board to approve the selections. Tina explained that the awards will be given and the annual recognition dinner in November.

The proposed award winners were:

Good Steward Award – Gary Schroeher

Watershed Partner Award – City of Landfall

Educator Award – Mitch Thomsen (Mounds Park Academy)

Lifetime Achievement Award – Simba Blood

<u>Motion:</u> Manger Wang moved, Manager Gernes seconded to recommend and approve the proposed Watershed Excellence Awards winners.

Motion carried unanimously.

#### B. Woodbury Target Store Project (Peterson Companies) – Change Order No. 2 (43:55)

Erin Anderson Wenz provided details on the proposed change order. Erin stated that the purchase of additional materials was fully expected. Erin stated that the agreement with Peterson Companies stated that if there were not enough supplies, they were to order what was needed and they would be reimbursed with labor being paid separately. Erin continued to explain that there was drain tile found under the parking lot that needed to be patched causing an additional cost to the contractor, Erin noted that this was another piece included in the change order. Erin stated that the next piece of the change order was due to an existing structure that needed to be connected to was falling apart. Erin noted that the structure needed to be fixed to ensure the connection had good integrity. Erin stated this was not in the original scope of the project but was found while work was being completed. Erin continued to detail the planned quantity changes included in the change order. Erin explained the details of the materials that were needed and why those changes were made. Erin went on to provide the dollar amounts associated with the change in quantities. Erin continued on to discuss details of the last item on the change order. Erin explained that it was found that unit prices in the original bid from Peterson Companies in some cases did not include excavation of material needed to install certain items. Erin explained that this was an error on Peterson Companies' part, and it did not come to light until recently. Erin explained with this error the contractor was losing around \$30,000 and recommended that Peterson Companies gets paid for the excavation costs.

Manager Karp asked for clarification that the District did not provide a plan estimate and this error was Peterson Companies missing a quantity. Manager Karp noted that this type of error typically wouldn't be paid for.

Erin Anderson Wenz stated that a plan estimate was provided for the amount of excavation needed only for the rain gardens. Erin explained that there was a misinterpretation on how the excavation would be paid out for other items. Erin stated that the information was reviewed, and it was believed that the additional costs were fair.

President Eisele stated that with the work being done under extenuating circumstances it seemed appropriate to pay.

Manager Kramer stated that he was also comfortable with making the payment. Manager Kramer noted that he believed the situations that arose with this project suggest that tightening bid requirements for performance would be advisable in the future.

Manager Gernes stated that he was comfortable with making the payment given that it did not further exceed the expected cost.

Manager Wang stated that due to being a contractor error she felt it would be best to split the cost but would be ok with paying more due to circumstances of the project.

<u>Motion:</u> Manger Kramer moved, Manager Karp seconded to recommend and approve Woodbury Target Store Project (Peterson Companies) – Change Order No. 2.

Motion carried unanimously.

#### 8. ATTORNEY REPORT (1:01:29)

Laurann Kirschner provided details of the work the attorney's office had worked over the past month, noting that the work completed had been mostly straight forward contract reviews. Laurann noted there were discussions with the St. Paul Port Authority on the Beltline storm sewer repairs, noting that there is now a signed access agreement for the repair work.

#### 9. BOARD DISCUSION TOPICS (1:02:54)

No comments.

#### 10. NEW REPORTS AND/OR PRESENTATIONS

#### A. Woodbury Target Project Contract Summary (1:03:16)

Erin Anderson Wenz provided details of the contract price and engineering changes for the Woodbury Target retrofit project and what that meant for cost effectiveness of the project. Erin stated that many things had changed since the project was originally brought to the board for discussion, noting that it was a unique project with challenges occurring along the way. Erin explained now that the project is near completion it was a good time to provide accounting and discuss lessons learned. Erin stated that she felt good about the integrity of the project and that what went into the ground is what was designed. Erin provided an overview of the original opinion of cost and the range provided, noting that with the estimated phosphorus removal amounts the annualized cost benefit of the project was estimated at \$10,100 – \$11,500 per pound of phosphorus removed. Erin noted that this was a typical range for a regional BMP. Erin explained that after updating the project costs the annualized cost benefit increased to \$11,700 per pound of phosphorus removed, stating that this was within a reasonable zone for removal efficiency. Erin continued on to discuss the end of construction project costs. Erin stated with materials being reimbursed to Kurilla and the pay applications completed, the total paid to Kurilla was \$308,356.42. Erin went on to explain that the estimated contract price for Peterson Companies would be around \$606.121.12. Erin noted that it may end up being slightly higher once final accounting is done (due to minor changes in quantities here and there), but that as of right now, the estimated total construction cost of the project is approximately \$914,500. Erin stated that this was slightly higher than the upper end of

the engineer's estimate range, noting that the range did not take into account the mid-project contractor change that occurred. Erin provided more details on why the construction prices were higher. Erin went on to discuss the end of project engineering costs. Erin explained that when a scope summary is provided there is an estimate of engineering costs. Erin provided more details of the scope summary noting that at the time it was originally brought to the board the estimated cost was \$193,000. Erin explained that cost will ultimately be closer to \$300,000. Erin stated that this increase was due to multiple reasons which included unforeseen changes to the project which were required by the property management company. Erin stated that the main cause of the increase in price was due to the substantial increase in construction oversight that was needed for the project.

Paige Ahlborg stated that \$950,000 was budgeted for the construction of the project. Paige stated that there were stormwater impact funds that could be used. Paige explained the stormwater impact fund dollars come out of the permitting program, noting that when projects are unable to meet best stormwater management rules onsite they pay into the fund which are then set aside and allocated to other projects, noting that it is only used for construction costs.

Tina Carstens stated that the engineering costs would come out of the targeted retrofit funds.

Erin continued to discuss the lessons learned throughout this project. Erin stated that the District is required to publicly bid the projects which can leave the District vulnerable to the type of situation that occurred with this project. Erin stated that one of the recommendations would be changing qualification specifications to be more targeted. Erin provided details of the project bidding process and the qualifications that are asked for during the bid process. Erin stated that it would be recommended to be specific with qualification requirements including looking for proof of expertise on projects that require more technical knowledge.

President Eisele questioned how this would be implemented.

Erin Anderson Wenz explained that it could be included under specifications in the instructions to bidders. Erin provided details on what could be included in this section including project examples of similar work.

Manager Gernes questioned if the increased specifications would potentially increase the overall costs of projects due to narrowing the range of bidders.

Erin Anderson Wenz stated that implementing this change would be on a project-by-project basis and this would help prevent overall narrowing of the bidding pool.

President Eisele questioned if there would be something in the engineering estimate that could trigger asking for specific examples of prior work completed.

Erin Anderson Wenz stated with the current process examples of work could be asked for. Erin explained that Kurilla had provided prior examples of work and references which were all checked with nothing obvious showing that they would be unable to complete the work. Erin noted that specific prior experience with specific project elements was not required, which would be something to consider adding in the future. Erin reiterated that she believed that the added specifications would not need to be included for all projects but noted that it would be helpful in projects such as the Woodbury Target stormwater retrofit.

President Eisele stated it would be important to figure out what the trigger factor would be.

Erin Anderson Wenz stated that it could be something brought as a recommendation to the board when a project is nearing the end of design and ready to go out for bid. Erin provided more details on the various check points throughout the process that are in place to help prevent these types of situations.

Manager Kramer stated that he would be more comfortable with communicating with contractors on their ability to complete the project than he would be with narrowing the bidding pool due to increased requirements.

Manager Gernes stated that tightening the requirements would be something worth trying in the future.

Laurann Kirschner stated that from a legal standpoint the district is required to accept the lowers responsible bidder and that any reason to not choose the lowest responsible bidder would need to be heavily discussed and recorded in the minutes per the statute requirements. Laurann stated that the suggestion of showing that they are responsible upfront before any bids occur would allow for a company to be considered not a responsible bidder until they can prove otherwise through their skills and history. Laurann stated that in her experience it is much harder to deny the lowest bidder once the bids have come through without a clear reasoning. Laurann explained that discussions were had regarding Kurilla's bid due to the bid being much lower than others but they did comply and meet all the requirements so there would not have been any legal standing to reject their bid.

President Eisele stated that if there were a way to incorporate the stricter requirements at the start of a project as well as checks throughout the project to make sure things are being completed as expected could be helpful for future projects.

#### B. Wakefield Lake Aeration Study Scope Summary (1:39:28)

Tina Carstens provided details of the Wakefield Lake aeration study scope summary noting that it was included in the 2025 draft budget. Tina stated the summary was informational and discussed how the District plans to move forward with the research project. Tina explained that the study was based on a presentation given by Keith Pilgrim on shallow lake systems and potential alternatives to alum treatment.

#### 11. ADMINISTRATOR'S REPORT (1:41:14)

A. Meetings Attended

No comments

B. <u>Upcoming Meetings and Dates</u>

No comments.

C. Staff Anniversaries

No comments.

D. Board Action Log

No comments.

E. Minnesota Watersheds Updates

No comments.

F. RWMWD Related Presentations at Upcoming Conferences

No comments.

#### 12. PROJECT AND PROGRAM STATUS REPORTS (1:44:44)

**Project Feasibility Studies** 

A. Ames Lake Area Flood Risk Reduction Planning Study

President Eisele questioned when a timeline would be seen from the HOA.

Tina Carstens stated that it should be expected near the end of the year with the target time frame being in April.

- B. <u>Phalen Village Flood Risk Reduction</u>
- C. Resiliency Study for Non-Beltline Tributary Areas
- D. Owasso Basin Flood Risk Reduction

President Eisele stated it may be worthwhile to complete a lessons learned for this project. President Eisele questioned if earlier communication would have been helpful.

Tina Carstens stated that the District had been in communication with the property manager from the beginning. Tina stated that there were discussions with the people on-site and it may have been helpful to bring in the national company that owned the property earlier in the process.

- E. Street Sweeping
- F. <u>Maplewood Mall 2024 Assessment</u>
- G. Watershed Approach to Retrofit Projects
- H. <u>Tanners Lake, Battle Creek and McKnight Basin Outlet Operation Plan</u>

Watershed Management Plan Update

I. Watershed Management Plan Update Scoping

Capital Improvements

- J. Woodbury Target Store Stormwater Retrofit Project
- K. Roosevelt Homes
- L. <u>Targeted Retrofit Projects 2024</u>
- M. <u>Stewardship Grant Program</u>

Manager Wang asked if moving the Grove Church in Woodbury to targeted retrofit projects would affect other planned targeted retrofit projects.

Paige Ahlborg stated that if it becomes a targeted retrofit project, it would be scheduled for 2026 and would not affect any of the targeted retrofit plans for 2025.

#### N. Permit Program Assistance

President Eisele questioned if there were any updates on the Phalen Creek Daylighting project.

Tina Carstens stated that the District is waiting on additional information. Tina stated that further updates may be coming before the permit application is seen. Tina explained that there has not been an update on the timeline, but something may be seen in the next couple of months. Tina stated that there had been a meeting with Milestone Partners, the project management consultant, that helped them better understand the District's concerns and why there is so much caution with that part of the project. Tina stated that an update can be given when more information is received.

Manager Karp questioned if the project could be brought to the Board for discussion prior to voting on a permit, noting that it may help with the project timeline.

Tina Carstens stated that a discussion prior to the permit vote could be suggested to Wakan Tippi Awanyankapi. Tina agreed that if they continue to seek a direct tie into the Beltline storm sewer a discussion prior to the permit approval would be helpful.

- O. Pioneer Park Stormwater Reuse
- P. Fish Creek Tributary Improvements
- Q. <u>Cottage Place Wetland Restoration</u>
- R. County Road C Culvert Replacement
- S. <u>Kohlman Creek Flood Risk Reduction Projects</u>

CIP Project Repair and Maintenance

T. Routine CIP Inspection and Unplanned Maintenance Identification

#### U. Beltline Mississippi Branch Outfall Replacement Project

**Program Updates** 

#### V. <u>Natural Resources Program</u>

President Eisele questioned if there was a public schedule of the restorations for those who would like to volunteer.

Paul Erdmann stated that there is not a public schedule at this time.

Manager Gernes stated that it would be a good idea to send volunteer opportunities to help with larger projects to the CAC as well as the Board.

Paul Erdmann stated that there are no plantings planned until next spring and there would be plenty of opportunity for volunteer involvement during those plantings.

#### W. Public Involvement and Education Program

#### X. <u>Communications and Outreach Program</u>

President Eisele stated that the illustrations could also be useful in a Board member onboarding package to help educate new members.

Manager Gernes asked if the social media numbers from the current and previous month could be shown side by side so that trends could be easily seen.

Manager Wang suggested adding networking opportunities to the Recognition Dinner plan.

Tina Carstens stated that adding networking opportunities could be looked into.

#### Y. <u>Citizen Advisory Committee</u>

#### 13. MANAGER COMMENTS AND NEXT MONTH'S MEETING (1:59:04)

No comments.

#### 14. ADJOURN

<u>Motion</u>: Manager Wang moved, Manager Karp seconded, to adjourn the meeting at 8:29 p.m. Motion carried unanimously.

10/31/2024

					Current		Current	
		Account	Original	Budget	Month	Year-to-Date	Budget	Percent
Budget Category	Budget Item	Number	Budget	Transfers	Expenses	Expenses	Balance	of Budget
Manager	Per Diems	4355	\$7,000.00	-	-	-	\$7,000.00	0.00%
	Manager Expenses	4360	3,000.00	-	-	-	3,000.00	0.00%
Committees	Committee/Bd Mtg. Exp.	4365	4,000.00	-	-	739.35	3,260.65	18.48%
	Sub-Total: Managers/Committees:		\$14,000.00	\$0.00	-	739.35	\$13,260.65	5.28%
Employees	Staff Salary/Taxes/Benefits	4010	2,000,000.00	-	153,974.79	1,593,445.23	406,554.77	79.67%
	Employee Expenses	4020	10,000.00	-	885.06	5,133.87	4,866.13	51.34%
	District Training & Education	4350	75,000.00	-	37,303.81	65,911.31	9,088.69	87.88%
	Sub-Total: Employees:		\$2,085,000.00	\$0.00	192,163.66	1,664,490.41	\$420,509.59	79.83%
Administration/	Data Base/GIS Maintenance	4170	20,000.00	-	171.36	6,892.32	13,107.68	34.46%
Office	Office Equipment Maintenance	4305	2,000.00	-	-	-	2,000.00	0.00%
	Telephone	4310	2,000.00	-	201.38	2,121.73	(121.73)	106.09%
	Office Supplies	4320	7,000.00	-	590.22	4,635.41	2,364.59	66.22%
	Postage/Delivery	4330	2,000.00	-	=	833.63	1,166.37	41.68%
	Printing/Copying	4335	5,000.00	-	407.00	4,051.85	948.15	81.04%
	Dues & Publications	4338	17,000.00	-	-	14,181.00	2,819.00	83.42%
	Janitorial/Trash Service	4341	15,000.00	-	-	15,214.71	(214.71)	101.43%
	Utilities	4342	20,000.00	-	641.37	12,811.86	7,188.14	64.06%
	Building Maintenance	4343	100,000.00	-	16,562.33	36,460.64	63,539.36	36.46%
	Miscellaneous	4390	5,000.00	-	-	332.20	4,667.80	6.64%
	Insurance	4480	65,000.00	-	-	57,840.00	7,160.00	88.98%
	Office Equipment	4703	80,000.00	-	708.89	17,883.55	62,116.45	22.35%
	District Vehicles/Maintenance	4810-40	60,000.00	-	1,216.87	7,521.15	52,478.85	12.54%
	Metro INET	4325	100,000.00	-	9,143.29	83,719.57	16,280.43	83.72%
	Sub-Total: Administration/Office:		\$540,000.00	-	29,642.71	264,499.62	\$235,500.38	48.98%
Consultants/	Auditor/Accounting	4110	80,000.00	-	3,522.40	62,827.90	17,172.10	78.53%
Outside Services	Engineering-Administration	4121	122,000.00	-	8,028.00	76,661.36	45,338.64	62.84%
	Engineering-Permit I&E	4122	10,000.00	-	783.84	8,549.56	1,450.44	85.50%
	Engineering-Review	4123	75,000.00	-	6,289.00	51,351.69	23,648.31	68.47%
	Engineering-Permit Application Review	4124	65,000.00	-	5,850.00	59,085.50	5,914.50	90.90%
	Project Feasibility Studies	4129	260,000.00	-	8,247.50	105,601.17	154,398.83	40.62%
	Attorney-Permits	4130	5,000.00	-	-	-	5,000.00	0.00%
	Attorney-General	4131	40,000.00	-	2,300.00	25,441.50	14,558.50	63.60%
	Outside Consulting Services	4160	40,000.00	-	-	-	40,000.00	0.00%
	Sub-Total: Consultants/Outside Services:		\$697,000.00	\$0.00	35,020.74	389,518.68	\$307,481.32	55.89%
Programs	WMP/Lakes/TMDLs/Grants	4661	154,500.00	-	851.00	20,671.00	133,829.00	13.38%
	Natural Resources Program	4670	120,000.00	-	10,268.87	79,503.92	40,496.08	66.25%
	Water Monitoring Program	4520-30	285,000.00	-	35,758.93	343,223.00	(58,223.00)	120.43%
	Outside Program Support	4683	57,000.00	-	20,753.60	44,823.51	12,176.49	78.64%
	Research Projects	4695	150,000.00	-	-	53,458.00	96,542.00	35.64%
	Project Operations	4650	150,000.00	-	16,673.63	145,316.00	4,684.00	96.88%
	Communication/Outreach/Events	4371	166,000.00	-	15,259.91	138,777.50	27,222.50	83.60%
	Health and Safety Program	4697	4,000.00	- -		6,352.83	(2,352.83)	158.82%
053150 41 511110 505	Sub-Total: Programs:		\$1,086,500.00	\$0.00	99,565.94	832,125.76	\$254,374.24	76.59%
GENERAL FUND TOTA		F1C	\$4,382,500.00	\$0.00	356,393.05	3,151,373.82	1,231,126.18	71.91%
CIP's	Project Repair & Maintenance	516	2,125,000.00	-	583,637.44	1,291,667.91	833,332.09	60.78%
	Targeted Retrofit Projects	518	1,950,000.00	-	48,308.18	326,225.22	1,623,774.78	16.73%
	Flood Risk Reduction Fund	520	5,400,000.00	-	15,030.43	198,250.71	5,201,749.29	3.67%
	Debt Services-Beltline/Maplewood Mall	526	394,963.00		44 730 00	392,957.80	2,005.20	99.49%
	Stewardship Grant Fund	529	1,250,000.00	-	44,728.96	605,980.10	644,019.90	48.48%
	Fish Creek Tributary Improvements	537	1,375,000.00	-	3,167.35	57,564.35	1,317,435.65	4.19%
CID BUIDGET TOTAL	Wetland Restoration Projects	540	700,000.00	-	983.00 <b>695,855.36</b>	102,410.56	597,589.44	14.63%
CIP BUDGET TOTAL			\$13,194,963.00 \$17,577,463.00	- ¢0.00		2,975,056.65	\$10,219,906.35	22.55%
TOTAL BUDGET			\$17,577,403.00	\$0.00	1,052,248.41	6,126,430.47	\$11,451,032.53	34.85%

Current Fund Balances:											
						Unaudited					
	Unaudited Beginning Fund	Fund	Year to date	<b>Current Month</b>	Year to Date	Fund Balance					
Fund:	Balance @ 12/31/23	Transfers	Revenue	Expenses	Expense	@10/31/24					
101 - General Fund	\$3,125,440.06	-	2,093,938.74	356,393.05	3,151,373.82	2,068,004.98					
516 - Project Repair & Maintenance	872,232.70	-	612,579.85	583,637.44	1,291,667.91	193,144.64					
518 - Targeted Retrofit Projects	476,410.31	-	358,192.38	48,308.18	326,225.22	508,377.47					
520 - Flood Risk Reduction Fund	4,726,296.76	-	460,316.83	15,030.43	198,250.71	4,988,362.88					
526 - Debt Services-Beltline/Maplewood Mall	407,575.04	-	123,069.43	0.00	392,957.80	137,686.67					
529 - Stewardship Grant Fund	201,659.15	-	388,702.66	44,728.96	605,980.10	(15,618.29)					
536 - Stormwater Impact Fund	1,336,819.50	-	84,053.00	89,767.87	1,069,747.13	351,125.37					
537 - Fish Creek Tributary Improvements	121,092.62	-	238,863.64	3,167.35	57,564.35	302,391.91					
540 - Wetland Restoration Projects	498,036.00	-	100,480.02	983.00	102,410.56	496,105.46					
580 - Contingency Fund	1,215,487.00	-	≡	=	=	1,215,487.00					
Total District Fund Balance	\$12,981,049.14	\$0.00	\$ 4,460,196.55	\$ 1,142,016.28	\$7,196,177.60	\$10,245,068.09					

# Ramsey Washington Metro Watershed Dist. Check Register For the Period From October 1, 2024 to October 31, 2024

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	09/03/24	hea002	Oct-24	HealthPartners	Employee Benefits	\$15,432.31
EFT	09/03/24	met008	Sep-24	MetLife-Group Benefits	Employee Benefits Employee Benefits	2,012.67
EFT	10/15/24	usb002	October 2024 Statement	U.S. Bank	Various	11,932.06
74879V	10/09/24	adg001	1379	AD Greenroof LLC	Stewardship Grant Prog./School/Comm. Site Retrofit Proj.	(937.50)
74956V	10/09/24	lan009	2627	Landbridge Ecological, Inc.	Construction Improvements/Project Maint. & Rep.	(2,992.50)
74948	10/09/24	ada002	3983237	Adam's Pest Control, Inc.	Building/Site Maintenance	94.72
74949	10/09/24	aws001	S1335957-100124	AWS Service Center	Utilities/Building Services Contracts	342.11
74950	10/09/24	dnr002	234240	MN Dept. of Natural Resources	Natural Resources Program	50.00
74951	10/09/24	gil001	63747	Gilbert Mechanical Contractors, Inc.	Building/Site Maintenance	14,635.00
74952	10/09/24	hom001	09/27/24 PM-652200	Home Depot Credit Services	Natural Resources Program	1,617.99
74953	10/09/24	inn002	IN4652390	Innovative Office Solutions LLC	Office Supplies	126.55
74954 74955	10/09/24 10/09/24	inv001 lak007	20249440218-9123509 9/24/2024	Invasive Plants Assoc. of Wisconsin Lakes Aquatic Weed Removal	Training & Education Natural Resources Program	1,850.00 6,250.00
74956	10/09/24	lan009	2627	Landbridge Ecological, Inc.	Construction Improvements/Project Maint. & Rep.	2,992.50
74957	10/09/24	mag004	7/24/24-10/4/24	Carrie Magnuson	Employee Benefits, Expenses	311.56
74958	10/09/24	met012	2184	Metro-INET	Roseville IT Services/Web Site; Telephone	8,211.00
74959	10/09/24	ncp001	October 1, 2024	NCPERS Group Life Ins.	Employee Benefits	16.00
74960	10/09/24	nsp001	896172640	Xcel Energy	Water Monitoring Program	542.51
74961	10/09/24	pac001	Oct-24	Pace Analytical Services, Inc.	Water Monitoring Program	18,008.00
74962	10/09/24	pra001	2427101600	Prairie Moon Nursery, Inc.	Construction Improvements/Project Maint. & Rep.	771.00
74963	10/09/24	pre003	310369272	Premium Waters, Inc.	Utilities/Building Services Contracts	37.00
74964	10/09/24	pre005	89070	Precision Landscape and Tree, Inc.	Project Operations	7,200.00
74965	10/09/24	rel001	334575	Reliakor Services	Stewardship Grant Program	1,808.00
74966	10/09/24	rmb001	M2400200	RMB Environmental Laboratories	Water Monitoring Program	6,229.99
74967	10/09/24	saf001	24004535	Safety Signs LLC	Construction Improvements/Stormwater Impact Fund	337.80
74968	10/09/24	sai001	4791	Saint Paul Media	Communications/Outreach/Events	100.00
74969	10/09/24	stu001	2019930	Studio Lola	Communications/Outreach/Events	3,134.50
74970	10/09/24	usb005	539310565	US Bank Equipment Finance	Printing/Copier Lease	407.00
74971	10/09/24	voy001	8692934232439	US Bank Voyager Fleet Sys.	Vehicle Fuel	555.80
74972	10/09/24	wie001	illustrations & copyright	Maggie Wiebe	Communications/Outreach/Events	8,500.00
74973	10/09/24	mil004	2024-1008	Jessica Miller	Communications/Outreach/Events Communications/Outreach/Events	200.00
70299 74974	10/17/24 10/29/24	stu001 adg001	24-Oct 1379	Studio Lola		2,874.37 937.50
74974	10/29/24	ame008	INV-211423	AD Greenroof LLC American Engineering Testing, Inc.	Stewardship Grant Prog./School/Comm. Site Retrofit Proj. Stewardship Grant Prog./School/Comm. Site Retrofit Proj.	2,506.79
74975	10/29/24	app003	24-32 CS	Applewood Pointe Cooperative Shoreview	Stewardship Grant Program	500.00
74977	10/29/24	bar001	Sept 14 through Oct 18, 2024	Barr Engineering	Various	131,302.00
74978	10/29/24	ben002	124865	Benefit Extras, Inc.	Employee Benefits	120.00
74979	10/29/24	ber009	Sep-24	Bjorn Bergerson	Employee Benefits, Expenses	87.15
74980	10/29/24	bit001	Progress Payment #2	Bituminous Roadways	Construction Imp./Project Maint. & Repair	517,228.56
74981	10/29/24	cad001	20970391	Zayo Group, LLC	Water Monitoring Program	203.32
74982	10/29/24	cap003	1008024	Capitol Region Watershed District	Outside Program Support	17,516.10
74983	10/29/24	cen008	22-26; 22-27	3M Center	Escrow Refunds	420.00
74984	10/29/24	chr001	20-04 MTN	Christ Episcopal Church	Stewardship Grant Program	560.00
74985	10/29/24	cit001	45588	City of Little Canada	Utilities/Building Services Contracts	262.26
74986	10/29/24	Col002	Oct-24	Mia Collazo	Employee Expenses	2.21
74987	10/29/24	del001	10777529274	Dell Marketing, L.P.	Equipment	708.89
74988	10/29/24	erd001	Oct-24	Paul Erdmann	Employee Benefits	80.00
74989	10/29/24	fit002	Oct-24	Mary Fitzgerald	Employee Benefits, Expenses	907.46
74990	10/29/24	fit003	Oct-24	Emily F. Kamin	Employee Benefits, Expenses	853.37
74991	10/29/24	gal001	October 24, 2024	Galowitz Olson, PLLC	Attorney-General	2,300.00
74992	10/29/24	gra005	9294472148; 9294619284	Grainger	Building/Site Maintenance	48.27
74993	10/29/24	gri002	24-09 MTN	Killian Griffin	Stewardship Grant Program	1,500.00
74994 74995	10/29/24 10/29/24	ham005 haz001	21-03 MTN Oct-24	Sarah Hammes Lauren Hazenson	Stewardship Grant Program Employee Benefits, Expenses	225.42 384.75
74995	10/29/24	int001	W24090533	Office of MN, IT Services	Telephone	59.38
74997	10/29/24	keh001	RWMWD-01	Roberta L. Kehne	Outside Program Support	800.00
74998	10/29/24	klo001	September-October 2024	Kendra L. Kloth	Employee Benefits, Expenses	222.91
74999	10/29/24	kor001	Jul - 24	Eric Korte	Employee Benefits, Expenses  Employee Benefits, Expenses	381.97
75000	10/29/24	kub001	Oct-24	Kyle W. Kubitza	Employee Benefits	40.00
75001	10/29/24	loe001	23-07 MTN	Jacob Loewen	Stewardship Grant Program	200.00
75002	10/29/24	maw002	10/25/2024	Minnesota Watersheds	Training & Education	3,713.20
75003	10/29/24	mcg004	22-06 MTN	Kara McGuire	Stewardship Grant Program	146.50
75004	10/29/24	mcm001	24-37 CS	Phillip McMonagle	Stewardship Grant Program	456.88
75005	10/29/24	mel001	Oct-24	Michelle L. Melser	Employee Benefits, Expenses	102.65
75006	10/29/24		20-13	Menard, Inc.	Escrow Refunds	88,880.00
75007	10/29/24	met012	2230	Metro-INET	Roseville IT Services/Web Site/Software/Licenses	981.00
75008	10/29/24	mey001	Sep-Oct 24	Sommer Meyer	Employee Benefits, Expenses	63.77
75009	10/29/24	mwf001	23-01	MWF Properties	Escrow Refunds	5,795.00
75010	10/29/24	pac001	Oct-24	Pace Analytical Services, Inc.	Water Monitoring Program	7,111.00
75011	10/29/24	pas002	Oct-24	Carol Passi	Employee Benefits, Expenses	443.01
75012	10/29/24	pem002	14736	Pember Companies, Inc.	Project Operations/Project Maintenance & Repair	1,529.00
75013	10/29/24	pet001	Progress Payment #3	Peterson Companies, Inc. Kathy Povolny	Construction Improvements/Stormwater Impact Fund	89,430.07
75014 75015	10/29/24 10/29/24	pov001	23-48 CS 8787	Precise Irrigation	Stewardship Grant Program Construction Improvements/Targeted Retrofit Projects	485.96 17,400.00
75015 75016	10/29/24	pre006 qwe001	0ct 10, 2024	CenturyLink	Project Operations	282.19
75016 75017	10/29/24	ram015	22-11 MTN	Ramsey Co. Parks and Rec.	Stewardship Grant Program	282.19 916.80
75017	10/29/24	ram015	PRK-002411	Ramsey Co. Parks and Rec. Ramsey County	Stewardship Grant Program Stewardship Grant Program	31,317.50
75018	10/29/24	rea002	21-29	Real Estate Equities	Escrow Refunds	26,720.00
75020	10/29/24	red002	150491124	Redpath & Company, LLC.	Accounting	3,349.50
, 5020		red003	20241010043028	Red Wing Business Advantage Account	Employee Benefits	200.00
75021	10/29/24		2110013682; 2110013860	Regents of the University of Minnesota	Training & Education	19,710.00
75021 75022	10/29/24 10/29/24	reg002		2		
		reg002 rel001	334838	Reliakor Services	Stewardship Grant Program	6,723.50
75022	10/29/24			Reliakor Services Rock Leaf Water Environmental LLC	Stewardship Grant Program Construction Imp./Project Maint. & Repair	6,723.50 5,933.08
75022 75023	10/29/24 10/29/24	rel001	334838			
75022 75023 75024 75025 75026	10/29/24 10/29/24 10/29/24 10/29/24 10/29/24	rel001 roc001 san003 sch009	334838 3248 092624 33647; 33662	Rock Leaf Water Environmental LLC Sandstrom Land Management Schlomka Services, LLC	Construction Imp/Project Maint. & Repair Construction Imp/Project Maint. & Repair Project Operations/Project Maintenance and Repair	5,933.08 5,947.50 9,690.00
75022 75023 75024 75025	10/29/24 10/29/24 10/29/24 10/29/24	rel001 roc001 san003	334838 3248 092624	Rock Leaf Water Environmental LLC Sandstrom Land Management	Construction Imp./Project Maint. & Repair Construction Imp./Project Maint. & Repair	5,933.08 5,947.50

10/31/2024 at 8:56 AM Page: 1

# Ramsey Washington Metro Watershed Dist. Check Register For the Period From October 1, 2024 to October 31, 2024

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
75029	10/29/24	tec001	328367	Tech Sales Co.	Training & Education	1,060.00
75030	10/29/24	ti1002	Oct-24	Joseph S. Tillotson	Employee Benefits, Expenses	299.64
75031	10/29/24	van005	17-23	Vanguard Builders	Escrow Refunds	5,485.00
75032	10/29/24	voy001	October 24	US Bank Voyager Fleet Sys.	Vehicle Fuel	661.07
75033	10/29/24	was002	6710; 6703	Washington Conservation District	Stewardship Grant Program	3,299.50
75034	10/29/24	wb1001	22-31	WBL Lochner, LLC	Escrow Refunds	30,535.00
75035	10/29/24	whi004	50028774212	White Cap, L.P.	Construction Imp./Project Maint. & Repair	916.34
75036	10/29/24	wil007	Oct-24	Patrick D. Williamson	Employee Benefits, Expenses	409.29
75037	10/29/24	win005	19-50	Window World	Escrow Refunds	1,120.00
Total						\$1,165,631.56
EFT	10/11/24	myp001	10/11/24	October 11th Payroll	4110-101-000	86.45
EFT	10/25/24	myp001	10/25/24	October 25th Payroll	4110-101-000	86.45
Dir.Dep.	10/11/24		Payroll Expense-Net	October 11th Payroll	4010-101-000	37,504.98
EFT	10/11/24	int002	Internal Rev.Serv.	October 11th Federal Withholding	2001-101-000	13,563.50
EFT	10/11/24	mnd001	MN Revenue	October 11h State Withholding	2003-101-000	2,304.40
EFT	10/11/24	per001	PERA	October 11th PERA	2011-101-000	7,620.38
EFT	10/11/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	10/11/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
Dir.Dep.	10/25/24		Payroll Expense-Net	October 25th Payroll	4010-101-000	36,975.96
EFT	10/25/24	int002	Internal Rev.Serv.	October 25th Federal Withholding	2001-101-000	13,393.01
EFT	10/25/24	mnd001	MN Revenue	October 25th State Withholding	2003-101-000	2,267.87
EFT	10/25/24	per001	PERA	October 25h PERA	2011-101-000	7,620.38
EFT	10/25/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	10/25/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
					Pavroll/Benefits:	\$129,267,38
					- u <sub>j</sub> · ou zenemo.	φ12/,207.00
Total					Accounts Payable/Payroll/Benefits:	\$1,294,898.94

10/31/2024 at 8:56 AM Page: 2

# Ramsey Washington Metro Watershed Dist. Cash Disbursements Journal

## For the Period From October 1, 2024 to October 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
09/03/24	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits	\$15,432.31	
09/01/24	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits	2,012.67	
10/15/24	EFT	usb002	U.S. Bank			11,932.06	
				4320-101-000	Office Supplies		73.76
				4343-101-000	Building/Site Maintenance		26.17
				4650-101-000	Project Operations		163.34
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses		93.29
				4350-101-000	Training & Education		800.00
				4350-101-000	Training & Education		300.00
				4350-101-000	Training & Education		180.00
				4350-101-000	Training & Education		1,145.00
				4350-101-000	Training & Education		785.00
				4040-101-000	Employee Benefits		172.85
				4343-101-000	Building/Site Maintenance		12.00
				4320-101-000	Office Supplies		59.74
				4350-101-000	Training & Education		563.96
				4350-101-000	Training & Education		563.96
				4350-101-000	Training & Education		653.95
				4350-101-000	Training & Education		598.97
				4350-101-000	Training & Education		683.96
				4343-101-000	Building/Site Maintenance		24.99
				4350-101-000	Training & Education		1,145.00
				4343-101-000	Building/Site Maintenance		12.48
				4170-101-000	Database/GIS Maintenance		168.00
				4320-101-000	Office Supplies		48.58
				4350-101-000	Training & Education		1,145.00
				4350-101-000	Training & Education		1,145.00
				4350-101-000	Training & Education		450.00
				4343-101-000	Building/Site Maintenance		34.09
				4350-101-000	Training & Education		165.28
				4320-101-000	Office Supplies		12.98
				4371-101-000	Communications/Outreach/Events		24.95
				4371-101-000	Communications/Outreach/Events		31.19
				4343-101-000	Building/Site Maintenance		51.12
				4371-101-000	Communications/Outreach/Events		60.00
				4371-101-000	Communications/Outreach/Events		45.00
				4320-101-000	Office Supplies		124.63
				4650-101-000	Project Operations		89.08
				4343-101-000	Building/Site Maintenance		6.40
				4320-101-000	Office Supplies		9.99
				4371-101-000	Communications/Outreach/Events		250.00
				4320-101-000	Office Supplies		8.99
				4170-101-000	Database/GIS Maintenance		3.36

10/31/2024 at 8:59 AM Page: 1

## Ramsey Washington Metro Watershed Dist.

## **Cash Disbursements Journal**

For the Period From October 1, 2024 to October 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
		22				•	
10/09/24	74879V	adg001	AD Greenroof LLC	4682-518-000	Stewardship Grant Prog./School/Comm. Site Retrofit Proj.	(937.50)	
10/09/24	74956V	lan009	Landbridge Ecological, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	(2,992.50)	
10/09/24	74948	ada002	Adam's Pest Control, Inc.	4343-101-000	Building/Site Maintenance	94.72	
10/09/24	74949	aws001	AWS Service Center	4342-101-000	Utilities/Building Services Contracts	342.11	
10/09/24	74950	dnr002	MN Dept. of Natural Resources	4670-101-000	Natural Resources Program	50.00	
10/09/24	74951	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Building/Site Maintenance	14,635.00	
10/09/24	74952	hom001	Home Depot Credit Services			1,617.99	
				4670-101-000	Natural Resources Program		1,400.93
				4530-101-000	Water Monitoring Program		192.12
				4630-516-000	Construction Improvements/Project Maint. & Rep.		24.94
10/09/24	74953	inn002	Innovative Office Solutions LLC	4320-101-000	Office Supplies	126.55	
10/09/24	74954	inv001	Invasive Plants Assoc. of Wisconsin	4350-101-000	Training & Education	1,850.00	
10/09/24	74955	lak007	Lakes Aquatic Weed Removal	4670-101-000	Natural Resources Program	6,250.00	
10/09/24	74956	lan009	Landbridge Ecological, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	2,992.50	
10/09/24	74957	mag004	Carrie Magnuson			311.56	
				4040-101-000	Employee Benefits		120.00
				4020-101-000	Employee Expenses		147.33
40/00/04				4371-101-000	Communications/Outreach/Events	0.44.00	44.23
10/09/24	74958	met012	Metro-INET	1210 101 000	m 1 1	8,211.00	
				4310-101-000	Telephone		
10/00/04	- 40 - 0	004	NODEDG G I'G I	4325-101-000	Roseville IT Services/Web Site/Software/Licenses	1600	
10/09/24	74959	ncp001	NCPERS Group Life Ins.	4040-101-000	Employee Benefits	16.00	
10/09/24	74960	nsp001	Xcel Energy	4520 101 000	W. M. S. S. D.	542.51	220.20
				4530-101-000	Water Monitoring Program		239.20
				4343-101-000	Building/Site Maintenance		117.09
10/00/24	74071	001	D 4 1 1 1 C 1 T	4650-520-000	Project Operations/Flood Damage Reduction Fund	10,000,00	186.22
10/09/24	74961	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	18,008.00	
10/09/24	74962	pra001	Prairie Moon Nursery, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	771.00	
10/09/24	74963	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Building Services Contracts	37.00	
10/09/24	74964	pre005	Precision Landscape and Tree, Inc.	4650-101-000	Project Operations	7,200.00	
10/09/24	74965	rel001	Reliakor Services	4682-529-000	Stewardship Grant Program	1,808.00	
10/09/24	74966	rmb001	RMB Environmental Laboratories	4530-101-000	Water Monitoring Program	6,229.99	
10/09/24	74967	saf001	Safety Signs LLC	4630-536-000	Construction Improvements/Stormwater Impact Fund	337.80	
10/09/24	74968	sai001	Saint Paul Media	4371-101-000	Communications/Outreach/Events	100.00	
10/09/24	74969	stu001	Studio Lola	4271 101 000	Communications/Outrosch/Events	3,134.50	2 000 50
				4371-101-000	Communications/Outreach/Events		3,009.50
10/00/24	74070	1-005	LIC Doub Equipment Einenge	4320-101-000	Office Supplies	407.00	125.00
10/09/24	74970 74971	usb005	US Bank Equipment Finance	4335-101-000	Printing/Copier Lease Vehicle Fuel	407.00	
10/09/24	74971 74972	voy001	US Bank Voyager Fleet Sys.	4830-101-000	Communications/Outreach/Events	555.80 8,500.00	
10/09/24 10/09/24	74972 74973	wie001	Maggie Wiebe Jessica Miller	4371-101-000 4371-101-000	Communications/Outreach/Events Communications/Outreach/Events	8,500.00 200.00	
10/09/24	74973 70299	mil004 stu001	Studio Lola	4371-101-000	Communications/Outreach/Events  Communications/Outreach/Events	2,874.37	
10/17/24	70299 74974		AD Greenroof LLC	4682-518-000	Stewardship Grant Prog./School/Comm. Site Retrofit Proj.	2,874.37 937.50	
10/29/24	74974 74975	adg001 ame008	American Engineering Testing, Inc.	4682-518-000	Stewardship Grant Prog./School/Comm. Site Retrofit Proj.  Stewardship Grant Prog./School/Comm. Site Retrofit Proj.	2,506.79	
10/29/24	74973 74976	ame008 app003	Applewood Pointe Cooperative Shoreview	4682-529-000	Stewardship Grant Program  Stewardship Grant Program	500.00	
10/29/24			Barr Engineering	+004-349-000	Siewardship Orani Program	131,302.00	
10/29/24	74977	bar001	Dan Engineering			131,302.00	

# Ramsey Washington Metro Watershed Dist. Cash Disbursements Journal

For the Period From October 1, 2024 to October 31, 2024

Date	Check #	Vendor II	Name Name	Account ID	Description	Amount	
				4121-101-000	Engineering Admin		8,028.00
				4123-101-000	Engineering Review		6,289.00
				4129-101-000	Project Feasability		1,328.00
				4129-101-000	Project Feasability		60.00
				4129-101-000	Project Feasability		6,859.50
				4520-101-000	WQM-Engineering		396.00
				4520-101-000	WQM-Engineering		3,065.80
				4520-101-000	WQM-Engineering		171.00
				4122-101-000	Permit Application I & E		783.84
				4124-101-000	Eng. Permit Review		5,850.00
				4661-101-000	SLMP/TMDL Studies		821.00
				4661-101-000	SLMP/TMDL Studies		30.00
				4650-101-000	Project Operations		1,585.87
				4650-101-000	Project Operations		348.50
				4650-101-000	Project Operations		4,955.68
				4128-518-000	Engineering -Targeted Retrofit		12,861.49
				4128-518-000	Engineering -Targeted Retrofit		160.00
				4128-518-000	Engineering -Targeted Retrofit		7,995.50
				4682-529-000	Stewardship Grant Program		1,056.90
				4128-518-000	Engineering -Targeted Retrofit		5,828.50
				4129-537-000	Driveway Fish Creek Tributary		3,167.35
				4128-540-000	Eng. Projects-Wetlands		983.00
				4128-520-000	Engineering -Flood Damage		12,074.71
				4128-520-000	Engineering -Flood Damage		2,769.50
				4128-518-000	Engineering -Targeted Retrofit		1,555.90
				4128-516-000	Eng. Projects-Maint & Repair		37,081.46
				4128-516-000	Eng. Projects-Maint & Repair		5,195.50
10/29/24	74978	ben002	Benefit Extras, Inc.	4040-101-000	Employee Benefits	120.00	
10/29/24	74979	ber009	Bjorn Bergerson			87.15	
				4040-101-000	Employee Benefits		57.15
				4020-101-000	Employee Expenses		30.00
10/29/24	74980	bit001	Bituminous Roadways	4630-516-000	Construction Imp./Project Maint. & Repair	517,228.56	
10/29/24	74981	cad001	Zayo Group, LLC	4530-101-000	Water Monitoring Program	203.32	
10/29/24	74982	cap003	Capitol Region Watershed District	4683-101-000	Outside Program Support	17,516.10	
10/29/24	74983	cen008	3M Center	2024-101-000	Escrow Refunds	420.00	
10/29/24	74984	chr001	Christ Episcopal Church	4682-529-000	Stewardship Grant Program	560.00	
10/29/24	74985	cit001	City of Little Canada	4342-101-000	Utilities/Building Services Contracts	262.26	
10/29/24	74986	Col002	Mia Collazo	4020-101-000	Employee Expenses	2.21	
10/29/24	74987	del001	Dell Marketing, L.P.	4703-101-000	Equipment	708.89	
10/29/24	74988	erd001	Paul Erdmann	4040-101-000	Employee Benefits	80.00	

10/31/2024 at 8:59 AM Page: 3

## Ramsey Washington Metro Watershed Dist.

## **Cash Disbursements Journal**

For the Period From October 1, 2024 to October 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
10/29/24	74989	fit002	Mary Fitzgerald			907.46	
	, ., 0,	11002	, <u>-</u> 8	4020-101-000	Employee Expenses		69.68
				4040-101-000	Employee Benefits		57.78
				4350-101-000	Training & Education		30.00
				4343-101-000	Building and Site Maintenance		750.00
10/29/24	74990	fit003	Emily F. Kamin			853.37	
			•	4020-101-000	Employee Expenses		48.37
				4040-101-000	Employee Benefits		40.00
				4350-101-000	Training & Education		15.00
				4343-101-000	Building and Site Maintenance		750.00
10/29/24	74991	gal001	Galowitz Olson, PLLC	4131-101-000	Attorney-General	2,300.00	
10/29/24	74992	gra005	Grainger	4343-101-000	Building/Site Maintenance	48.27	
10/29/24	74993	gri002	Killian Griffin	4682-529-000	Stewardship Grant Program	1,500.00	
10/29/24	74994	ham005	Sarah Hammes	4682-529-000	Stewardship Grant Program	225.42	
10/29/24	74995	haz001	Lauren Hazenson		1 0	384.75	
				4040-101-000	Employee Benefits		160.00
				4350-101-000	Training & Education		224.75
10/29/24	74996	int001	Office of MN, IT Services	4310-101-000	Telephone	59.38	
10/29/24	74997	keh001	Roberta L. Kehne	4683-101-000	Outside Program Support	800.00	
10/29/24	74998	klo001	Kendra L. Kloth			222.91	
				4020-101-000	Employee Expenses		182.91
				4040-101-000	Employee Benefits		40.00
10/29/24	74999	kor001	Eric Korte			381.97	
				4040-101-000	Employee Benefits		40.00
				4350-101-000	Training & Education		15.00
10/29/24	75000	kub001	Kyle W. Kubitza	4040-101-000	Employee Benefits	40.00	
10/29/24	75001	loe001	Jacob Loewen	4682-529-000	Stewardship Grant Program	200.00	
10/29/24	75002	maw002	Minnesota Watersheds	4350-101-000	Training & Education	3,713.20	
10/29/24	75003	mcg004	Kara McGuire	4682-529-000	Stewardship Grant Program	146.50	
10/29/24	75004	mcm001	Phillip McMonagle	4682-529-000	Stewardship Grant Program	456.88	
10/29/24	75005	mel001	Michelle L. Melser			102.65	
				4020-101-000	Employee Expenses		47.17
				4040-101-000	Employee Benefits		55.48
10/29/24	75006	men001	Menard, Inc.	2024-101-000	Escrow Refunds	88,880.00	
10/29/24	75007		Metro-INET	4325-101-000	Roseville IT Services/Web Site/Software/Licenses	981.00	
10/29/24	75008	mey001	Sommer Meyer			63.77	
		J	•	4350-101-000	Training & Education		30.00
				4020-101-000	Employee Expenses		33.77
10/29/24	75009	mwf001	MWF Properties	2024-101-000	Escrow Refunds	5,795.00	
10/29/24	75010	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	7,111.00	
10/29/24	75011	pas002	Carol Passi			443.01	
		1		4020-101-000	Employee Expenses		284.41
				4040-101-000	Employee Benefits		37.93
				4371-101-000	Communications/Outreach/Events		120.67
10/29/24	75012	pem002	Pember Companies, Inc.	4650-516-000	Project Operations/Project Maintenance & Repair	1,529.00	•
10/29/24	75013	pet001	Peterson Companies, Inc.	4630-536-000	Construction Improvements/Stormwater Impact Fund	89,430.07	
		1	•		•	•	
10/31/2024 a	at 8:59 AM						Pa

## Ramsey Washington Metro Watershed Dist.

## **Cash Disbursements Journal**

For the Period From October 1, 2024 to October 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
10/20/24	75014	001	Wadaa Daaalaa	4692 520 000	Character Count Decourse	495.06	
10/29/24 10/29/24	75014 75015	pov001 pre006	Kathy Povolny Precise Irrigation	4682-529-000 4630-518-000	Stewardship Grant Program Construction Improvements/Targeted Retrofit Projects	485.96 17,400.00	
10/29/24	75015 75016		CenturyLink	4650-101-000	Project Operations	282.19	
10/29/24	75016 75017	qwe001 ram015	Ramsey Co. Parks and Rec.	4682-529-000	Stewardship Grant Program	916.80	
10/29/24	75017	ram015	Ramsey County	4082-329-000	Stewardship Grant Flogram	31,317.50	
10/29/24	/3016	TaillOTO	Rainsey County	4682-529-000	Stewardship Grant Program	31,317.30	28,880.00
				4683-101-000	Outside Program Support		2,437.50
10/29/24	75019	rea002	Real Estate Equities	2024-101-000	Escrow Refunds	26,720.00	2,437.30
10/29/24	75020	red002	Redpath & Company, LLC.	4110-101-000	Accounting	3,349.50	
10/29/24	75020	red003	Red Wing Business Advantage Account	4040-101-000	Employee Benefits	200.00	
10/29/24	75021	reg002	Regents of the University of Minnesota	4350-101-000	Training & Education	19,710.00	
10/29/24	75022	rel001	Reliakor Services	4682-529-000	Stewardship Grant Program	6,723.50	
10/29/24	75023	roc001	Rock Leaf Water Environmental LLC	4630-516-000	Construction Imp./Project Maint. & Repair	5,933.08	
10/29/24	75025	san003	Sandstrom Land Management	4630-516-000	Construction Imp./Project Maint. & Repair	5,947.50	
10/29/24	75026	sch009	Schlomka Services, LLC	4650-516-000	Project Operations/Project Maintenance and Repair	9,690.00	
10/29/24	75027	sho002	Andy Shoemaker	4650-101-000	Project Operations  Project Operations	1,450.00	
10/29/24	75028	sod001	Nicole Maras	4030 101 000	1 logect Operations	58.86	
10/25/21	75020	300001	THEORE MARKS	4040-101-000	Employee Benefits	20.00	38.50
				4020-101-000	Employee Expenses		5.36
				4350-101-000	Training & Education		15.00
10/29/24	75029	tec001	Tech Sales Co.	4350-101-000	Training & Education	1,060.00	12.00
10/29/24	75030	til002	Joseph S. Tillotson	1330 101 000	Tunning & Bassanon	299.64	
10.25.21	72020	111002	vestpn ev rimeisen	4040-101-000	Employee Benefits	2,,,,,,	40.00
				4350-101-000	Training & Education		259.64
10/29/24	75031	van005	Vanguard Builders	2024-101-000	Escrow Refunds	5,485.00	
10/29/24	75032	voy001	US Bank Voyager Fleet Sys.	4830-101-000	Vehicle Fuel	661.07	
10/29/24	75033	was002	Washington Conservation District			3,299.50	
			5	4682-529-000	Stewardship Grant Program	,	1,269.00
				4530-101-000	Water Monitoring Program		142.50
				4670-101-000	Natural Resources Program		1,888.00
10/29/24	75034	wbl001	WBL Lochner, LLC	2024-101-000	Escrow Refunds	30,535.00	,
10/29/24	75035	whi004	White Cap, L.P.		Construction Imp./Project Maint. & Repair	916.34	
			•	4630-516-000	Construction Improvements/Project Maintenance & Repair		236.40
				4670-101-000	Natural Resources Program		679.94
10/29/24	75036	wil007	Patrick D. Williamson		•	409.29	
				4020-101-000	Employee Expenses		6.70
				4040-101-000	Employee Benefits		40.00
				4350-101-000	Training & Education		362.59
10/29/24	75037	win005	Window World	2024-101-000	Escrow Refunds	1,120.00	
	Total					\$1,165,631.56	
10/11/24	EFT	myp001	October 11th Payroll	4110-101-000	October 11th Payroll	86.45	
10/25/24	EFT	myp001	October 25th Payroll		October 25th Payroll	86.45	

# Ramsey Washington Metro Watershed Dist. Cash Disbursements Journal

For the Period From October 1, 2024 to October 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
10/11/24	Dir.Dep.		October 11th Payroll	4010-101-000	October 11th Payroll	37,504.98
10/11/24	EFT	int002	October 11th Federal Withholding		October 11th Federal Withholding	13,563.50
10/11/24	EFT	mnd001	October 11h State Withholding		October 11h State Withholding	2,304.40
10/11/24	EFT	per001	October 11th PERA		October 11th PERA	7,620.38
10/11/24	EFT	emp002	Employee Def. Comp. Contributions		Employee Def. Comp. Contributions	2,043.00
10/11/24	EFT	emp002	Employee IRA Contributions		Employee IRA Contributions	1,879.00
		1	1 ,			•
10/25/24	Dir.Dep.		October 25th Payroll	4010-101-000	October 25th Payroll	36,975.96
10/25/24	EFT	int002	October 25th Federal Withholding	2001-101-000	October 25th Federal Withholding	13,393.01
10/25/24	EFT	mnd001	October 25th State Withholding	2003-101-000	October 25th State Withholding	2,267.87
10/25/24	EFT	per001	October 25h PERA	2011-101-000	October 25h PERA	7,620.38
10/25/24	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	2,043.00
10/25/24	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	1,879.00
					Payroll/Benefits:	\$129,267.38
	Total				Accounts Payable/Payroll/Benefits:	\$1,294,898.94

10/31/2024 at 8:59 AM Page: 6



# Summary of Professional Engineering Services During the Period September 14 through October 18, 2024

	Total Engineering Budget	Total Fees to Date	Budget Balance	Fees During Period	District Accounting Code	Plan Implementation
Engineering Administration	(2024)	(2024)	(2024)	•		Task Number
General Engineering Administration	\$92,000.00	\$76,661.36	\$15,338.64	\$8,028.00	4121-101	DW-13
RWMWD Health and Safety/ERTK Program (Training)	\$2,000.00	\$936.00	\$1,064.00	\$0.00	4697-101	DW-13
RWMWD Health and Safety Manual Update  Education Assistance	\$5,000.00 \$30,000.00	\$4,603.50 \$4,280.50	\$396.50  \$25,719.50	\$0.00 \$0.00	4350-101 4129-101	DW-13
	400,000.00	Ψ1,200.00	φ20,7 10.00	ψο.οο	1120 101	
Engineering Review  Engineering Review	\$75,000.00	\$51,351.69	\$23,648.31	\$6,289.00	4123-101	DW-13
Project Feasibility Studies						
Resiliency Study for non-Beltline tributary areas (pre-planning study and evaluation of existing data)	\$45,000.00	\$65,233.66	-\$20,233.66	\$0.00	4128-520	DW-9
Kohlman Creek Flood Damage Reduction Feasibility Study	\$5,000.00	\$3,520.00	\$1,480.00	\$0.00	4129-101	DW-9, KC-2
Owasso Basin/North Star Estates Improvements Feasibility Study	\$10,000.00	\$6,040.00	\$3,960.00	\$0.00	4129-101	GC-3
Phalen Village Improvements	\$10,000.00	\$13,898.15	-\$3,898.15	\$0.00	4129-101	DW-9
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$20,000.00	\$70.00	\$19,930.00	\$0.00	4129-101	MR-2
Street Sweeping	\$20,000.00	\$12,764.50	\$7,235.50	\$1,328.00	4129-101	DW-6, DW-15
Retrofit Inventory	\$60,000.00	\$22,254.22	\$37,745.78	\$60.00	4129-101	DW-17, DW-20
Tanners, Battle Creek Lake, McKnight Basin outlet operation plan	\$35,000.00	\$4,167.00	\$30,833.00	\$0.00	4129-101	DW-9
Ames Lake Feasibility Study	\$5,000.00	\$1,328.50	\$3,671.50	\$0.00	4129-101	DW-9, BELT-1
Interim Emergency Response Plans	\$5,000.00	\$585.00	\$4,415.00	\$0.00	4129-101	DW-9
Maplewood Mall 2024 Assessment	\$20,000.00	\$43,139.30	-\$23,139.30	\$6,859.50	4129-101	DW-5, DW-12
	ţ_0,000.00			+ 5,000.00	1.2.	<del></del>
Resiliency Study for non-Beltline tributary areas - feasibility studies placeholder	\$50,000.00	\$0.00	\$50,000.00	\$0.00	4129-101	DW-9
Contingency*	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	
GIS Maintenance GIS Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$0.00	4170-101	DW-13
Monitoring Water Quality/Project Monitoring						
Lake Water Quality Monitoring (Misc QA/QC)  Annual WQ Report Assistance	\$10,000.00 \$20,000.00	\$576.00 \$19,877.50	\$9,424.00 \$122.50	\$0.00 \$396.00	4520-101 4520-101	DW-2
Special Project BMP Monitoring	\$30,000.00	\$12,593.69	\$17,406.31	\$3,065.80	4520-101	DW-12
Grass Lake Berm Wetland Monitoring  Battle Creek Monitoring to address TMDL	\$15,000.00 \$15,000.00	\$6,590.44 \$2,615.00	\$8,409.56 \$12,385.00	\$171.00 \$0.00	4520-101 4520-101	DW-5, DW-8 DW-1, DW-2
Battle Creek Monitoring to address TMDL (Barr Staff doing the monitoring)		\$2,615.00	\$12,365.00	\$0.00	4520-101	DW-1, DW-2 DW-1, DW-2
Permit Processing, Inspection and Enforcement		·	· ,	·		, 
Permit Application Inspection and Enforcement Permit Application Review	\$10,000.00 \$65,000.00	\$8,549.56 \$59,085.50	\$1,450.44 \$5,914.50	\$783.84 \$5,850.00	4122-101 4124-101	DW-7
Watershed Management Plan Update						
Stakeholder Engagement Gaps Analysis/WMP Update Scoping	\$20,000.00	\$0.00 \$6,285.00	\$20,000.00	\$0.00 \$821.00	4661-101 4661-101	DW-21 DW-13, DW-20
Ecosystem Restoration Plan (or "Ecosystem Health Action Plan")	\$10,000.00 \$50,000.00	\$0.00	\$3,715.00	\$0.00	4661-101	DW-13, DW-20
Lake Studies/TMDL Reports						
West Vadnais Lake Incorporation	\$15,000.00	\$0.00	\$15,000.00	\$0.00	4661-101	DW-2
2024 Grant Applications  Prioritization of water quality projects from subvictorshed faceibility studies.	\$20,000.00 \$5,000.00	\$14,386.00 \$0.00	\$5,614.00 \$5,000.00	\$30.00 \$0.00	4661-101 4661-101	DW-13 DW-20
Prioritization of water quality projects from subwatershed feasibility studies  Carver Ponds Internal Load Reduction	\$12,000.00	\$0.00	\$12,000.00	\$0.00	4661-101	DW-12
Contingency for Lake Studies	\$22,500.00	\$0.00	\$22,500.00	\$0.00	4661-101	
Research Projects New Technology Mini Case Studies (average 6 per year)	\$15,000.00	\$12,407.50	\$2,592.50	\$0.00	4695-101	DW-12
Kohlman Lake Aquatic Plant Management Effects Study	\$20,000.00	\$35,370.00	-\$15,370.00	\$0.00	4695-101	DW-12
Shallow Lake Aeration Study Finalization	\$5,000.00	\$3,480.50	\$1,519.50	\$0.00	4695-101	DW-12
Project Operations 2024 Tanners Alum Facility Monitoring	\$17,000.00	\$17,829.30	-\$829.30	\$1,585.87	4650-101	TaL-3
Phalen/Keller and Twin Operations Support & Communications  Lake Level Station Operation and Maintenance	\$5,000.00 \$50,000.00	\$348.50 \$53,836.08	\$4,651.50 -\$3,836.08	\$348.50 \$4,955.68	4650-101 4650-101	DW-5, DW-13, DW-18 DW-5, DW-18
Capital Improvements	400,000.00	<del></del>	¥-,	<b>V</b> 1,000100		
Woodbury Target	\$193,200.00	\$298,337.75	-\$105,137.75	\$12,861.49	4128-518	DW-6
Roosevelt Homes	\$33,600.00	\$56,480.20	-\$22,880.20	\$160.00	4128-518	DW-6, DW-9
Targeted Retrofit Projects 2024	\$150,000.00	\$37,435.39	\$112,564.61	\$7,995.50	4128-518	DW-6
Internal Indian Court Business	_	\$27,601.70	\$47,398.30	\$1,056.90	4682-529	DW-6
Stewardship Grant Program	\$75,000.00		<b>*</b> ***********************************	<b>*</b>		
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse	\$75,000.00 \$200,000.00 \$50,000.00	\$13,996.27 \$31,156.19	\$186,003.73 \$18,843.81	\$0.00 \$5,828.50	4128-520 4128-518	GC-3 DW-6
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements	\$200,000.00 \$50,000.00 \$150,000.00	\$13,996.27 \$31,156.19 \$133,474.30	\$18,843.81 \$16,525.70	\$5,828.50 \$3,167.35	4128-518 4129-537	DW-6 FC-2
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56	\$18,843.81 \$16,525.70 \$11,389.44	\$5,828.50 \$3,167.35 \$983.00	4128-518 4129-537 4128-540	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements	\$200,000.00 \$50,000.00 \$150,000.00	\$13,996.27 \$31,156.19 \$133,474.30	\$18,843.81 \$16,525.70	\$5,828.50 \$3,167.35	4128-518 4129-537	DW-6 FC-2
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00	\$5,828.50 \$3,167.35 \$983.00 \$0.00	4128-518 4129-537 4128-540 4128-520	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements PCU Pond improvements	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00 \$150,000.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00 \$150,000.00	\$5,828.50 \$3,167.35 \$983.00 \$0.00 \$0.00	4128-518 4129-537 4128-540 4128-520 4128-520	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1 DW-9, KC-2
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements PCU Pond improvements County Road C culvert capacity Lake Emily Subwatershed BMP Kohlman Creek Storage and Detention	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00 \$150,000.00 \$175,800.00 \$150,000.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00 \$0.00 \$80,305.52 \$195,256.55 \$24,845.50	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00 \$150,000.00 -\$30,305.52 -\$19,456.55 \$125,154.50	\$5,828.50 \$3,167.35 \$983.00 \$0.00 \$0.00 \$12,074.71 \$0.00 \$2,769.50	4128-518 4129-537 4128-540 4128-520 4128-520 4128-520 4128-518 4128-520	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1 DW-9, KC-2 DW-9, KC-2
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements PCU Pond improvements County Road C culvert capacity Lake Emily Subwatershed BMP	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00 \$150,000.00 \$50,000.00 \$175,800.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00 \$0.00 \$80,305.52 \$195,256.55	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00 \$150,000.00 -\$30,305.52 -\$19,456.55	\$5,828.50 \$3,167.35 \$983.00 \$0.00 \$0.00 \$12,074.71 \$0.00	4128-518 4129-537 4128-540 4128-520 4128-520 4128-520 4128-518	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1 DW-9, KC-2 DW-9, KC-2 LE-3
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements PCU Pond improvements County Road C culvert capacity Lake Emily Subwatershed BMP Kohlman Creek Storage and Detention Kohlman Lake Alum Treatment  CIP Project Repair & Maintenance	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00 \$150,000.00 \$175,800.00 \$150,000.00 \$71,300.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00 \$0.00 \$80,305.52 \$195,256.55 \$24,845.50 \$2,623.40	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00 \$150,000.00 -\$30,305.52 -\$19,456.55 \$125,154.50 \$68,676.60	\$5,828.50 \$3,167.35 \$983.00 \$0.00 \$0.00 \$12,074.71 \$0.00 \$2,769.50 \$1,555.90	4128-518 4129-537 4128-540 4128-520 4128-520 4128-520 4128-518 4128-518	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1 DW-9, KC-2 DW-9, KC-2 LE-3 DW-9, KC-2
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements PCU Pond improvements County Road C culvert capacity Lake Emily Subwatershed BMP Kohlman Creek Storage and Detention Kohlman Lake Alum Treatment	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00 \$150,000.00 \$175,800.00 \$150,000.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00 \$0.00 \$80,305.52 \$195,256.55 \$24,845.50	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00 \$150,000.00 -\$30,305.52 -\$19,456.55 \$125,154.50	\$5,828.50 \$3,167.35 \$983.00 \$0.00 \$0.00 \$12,074.71 \$0.00 \$2,769.50	4128-518 4129-537 4128-540 4128-520 4128-520 4128-520 4128-518 4128-520	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1 DW-9, KC-2 DW-9, KC-2 LE-3
Owasso Basin Flood Risk Reduction Pioneer Park Stormwater Reuse Double Driveway and Fish Creek Tributary Improvements Cottage Place Wetland Ames Lake improvements PCU Pond improvements County Road C culvert capacity Lake Emily Subwatershed BMP Kohlman Creek Storage and Detention Kohlman Lake Alum Treatment  CIP Project Repair & Maintenance Routine CIP Inspection and Unplanned Maintenance Identification	\$200,000.00 \$50,000.00 \$150,000.00 \$113,800.00 \$250,000.00 \$150,000.00 \$175,800.00 \$150,000.00 \$173,000.00	\$13,996.27 \$31,156.19 \$133,474.30 \$102,410.56 \$0.00 \$0.00 \$80,305.52 \$195,256.55 \$24,845.50 \$2,623.40	\$18,843.81 \$16,525.70 \$11,389.44 \$250,000.00 \$150,000.00 -\$30,305.52 -\$19,456.55 \$125,154.50 \$68,676.60	\$5,828.50 \$3,167.35 \$983.00 \$0.00 \$0.00 \$12,074.71 \$0.00 \$2,769.50 \$1,555.90	4128-518 4129-537 4128-540 4128-520 4128-520 4128-520 4128-518 4128-518 4128-518	DW-6 FC-2 DW-6, DW-8, DW-14, LE-2, LE-3 DW-9, BELT-1 DW-9, KC-2 DW-9, KC-2 LE-3 DW-9, KC-2

Barr declares under the penalties of Law that this Account, Claim, or Demand is just and that no part has been paid.

Bradley J. Lindaman, Vice President

# Target - Woodbury Stormwater Retrofit Progress Payment Number 3 - Peterson

1.0	Total Com	pleted Through This	Perio	d:		\$612,003.57				
2.0	Total Prev	iously Completed:					\$	550,077.37		
3.0	Total Com	pleted This Period:								\$61,926.20
4.0	Amount P	reviously Retained:						\$27,503.87	-	
5.0	Amount R	etained This Period	(See N	ote 1):					1	\$0.00
6.0	Total Amo	ount Retained (See N	ote 1):	:				\$27,503.87	-	
7.0	Retainage	Released Through 1	his Pe	riod:						\$27,503.87
8.0	Total Reta	inage Remaining:						\$0.00	-	
9.0	Amount P	reviously Paid:				\$522,573.50	'			
10.0	Amount D	ue This Estimate:							=	\$89,430.07
Note 1. A.	o mata of FO	,								
	a rate of 5%		۸.	F20 040 7	^					
Note 2:	_	ontract price:	\$	520,949.7						
	Change O		\$	16,073.93						
	Change O		\$ \$	66,992.55 604,016.23		:				
*Total.com		ontract price: gh this period exceeds	•				tions k	actwoon the esti	imatad	hid quantities
		quantities on a few lin			ιρι	ice due to slight varia	LIUIIS I	between the esti	iiiiateu	bid quantities
SUBMITTE		quantities on a few init	c 1001113	•						
Name:	.טטו.	Brad Nelson		Date	۵.	10/25/24				
Title:		Project Manager	_	Dati	-	10/25/24			·	
Contracto	r·	Peterson Compani	<u></u>							
Contracto	1.	reterson compani	<u></u>		_					
Signature	:	En Mel								
RECOMM	ENDED BY:									
Name:		Katie Turpin-Nage		Date	e: _	10/24/2024			i	
Title:		Project Engineer								
Engineer:		Barr Engineering C	ompar	ny .						
Signature	:	Hatelyn Lup	n Na	gel						
APPROVE	D BY:	<b>V</b>		•						
Name:		Val Eisele		Date	e: _				i	
Title:		President								
Owner:		Ramsey-Washingto	on Met	ro Watersh	ed [	District	_			
Signature	:									

Target - Woodbury Stormwater Retrofit Ramsey-Washington Metro Watershed District Summary of Work Completed Through October 21, 2024 for Progress Payment Number 3

							ompleted Through his Period		pleted Through s Periods	(3) Complete	d This Period
Item	Description	Unit	Bidding Estimated Quantity	Unit Price	Extension	Quantity	Amount	Quantity	Amount	Quantity	Amount
Α	Mobilization	LS	1	\$ 42,480.00	\$ 42,480.00	1.0	\$ 42,480.00	1	\$ 42,480.00	\$	-
В	Construction Layout and Staking	LS	1	\$ 16,060.00	\$ 16,060.00	1	\$ 16,060.00	1	\$ 16,060.00	\$	-
С	Inlet Protection (P)	EA	15	\$ 166.20	\$ 2,493.00		\$ 2,493.00	15	\$ 2,493.00	\$	-
D	Sediment Biolog	LF	687	\$ 2.2			\$ 1,545.75	687	\$ 1,545.75	\$	-
Е	Daily Street Sweeping	HR	12	\$ 216.9	\$ 2,602.80	13	\$ 2,819.70	13	\$ 2,819.70	\$	-
F	Sawcut Bituminous Pavement (Full Depth)	LF	1020	\$ 2.6		1,252	\$ 3,317.80	1252	\$ 3,317.80	\$	-
G	Sawcut and Dispose of Concrete Curb & Gutter	LF	140	\$ 2.80	+		\$ 431.20	154		\$	-
Н	Remove and Dispose of Bituminous Pavement	SY	1900	\$ 2.4			\$ 4,951.45	2021		\$	-
ı	Remove and Dispose Existing Sod (P)	SY	519	\$ 0.0			\$ 5.19	519		\$	-
J	Remove, Salvage and Replace Existing Casting	EA	4	\$ 668.50	1		\$ 2,674.00		\$ 2,674.00	\$	-
K	Remove, Salvage, and Replace Class 5 Aggregate (P)	CY	60	\$ 96.9			\$ 5,817.00	60		\$	-
L	Furnish and Install Class 5 Aggregate Base	TON	260	\$ 22.9	1		\$ 4,796.55	209		\$	-
М	Soil Loosening - 18" Depth (P)	SY	1480	\$ 0.3			\$ 577.20	1480		\$	-
N	Clean Washed Sand with 5 percent iron aggregate (P)	CY	51	\$ 37.7				71		\$	-
0	Precast 3' x 2' Catch Basin with Sump, Complete	EA	6	\$ 3,290.0	1		\$ 19,740.00		\$ 19,740.00	\$	-
Р	Precast Curb Opening Catch Basin with Sump, Complete	EA	1	\$ 6,391.0			\$ 6,391.00	1		\$	-
Q	12" DI Storm Sewer Pipe, Shallow Bury in Parking Lot	LF	131	\$ 56.0				131		\$	-
R	12" DI Storm Sewer Pipe, Green Space	LF	13	\$ 56.00			\$ 728.00		\$ 728.00	\$	
S	10" DI Storm Sewer Pipe, Shallow Bury in Parking Lot	LF	374	\$ 51.0			\$ 19,074.00	374		\$	-
Т	10" DI Storm Sewer Pipe, Green Space	LF	66	\$ 33.00			\$ 2,178.00	66		\$	-
U	8" DI Storm Sewer Pipe, Green Space	LF	10	\$ 70.00			\$ 700.00		\$ 700.00	\$	-
V	DI Storm Sewer Pipe Mitered End	EA	3	\$ 77.4	+		\$ 232.20	3		\$	-
W	6" Perforated Dual Wall HDPE Draintile Pipe and Fittings, no sock (P)	LF	264	\$ 6.0			\$ 1,584.00	264		\$	-
X	6" PVC Storm Sewer Pipe and Fittings (P)	LF	63	\$ 32.00			\$ 2,016.00	63		\$	-
Υ	4" PVC Storm Sewer Pipe and Fittings (P)	LF	15	\$ 32.00	<u> </u>		\$ 480.00	15		\$	-
Z	6" Draintile Cleanout and Cover Unit	EA	5	\$ 120.00			\$ 600.00	5		\$	-
AA	6" Draintile Connection to Existing Structure	EA	1	\$ 2,604.0	1		\$ 2,604.00	1		\$	-
BB	8" Trench Drain with Concrete Encasement and Slotted Grate, Complete	LF	235	\$ 271.0			\$ 63,685.00	235		\$	-
CC	Snout Hood	EA	1	\$ 417.0	-		\$ 417.00	1	•	\$	-
DD	Splash Block Assembly	EA	3	\$ 3,055.0					\$ 9,165.00	\$	-
EE	Bituminous Pavement (P)	SY	3469	\$ 23.3			\$ 88,659.95	3797			-
FF GG	Painted Pavement Marking	LS LF	1 177	\$ 3,347.0			\$ 3,347.00 \$ 14,185.60	177		71 \$	4.061.20
HH	B612 Concrete Curb & Gutter	LF	31				. ,				4,061.2
	B912 Concrete Curb & Gutter	CY	183	\$ 58.7			\$ 3,642.50 \$ 9,672.00	31 248		31 \$	1,821.2
II	Planting Soil (75% loamy sand, 25% compost - MnDOT Grade II) (P) Perennials - 4" Container (P)	EA	1522	\$ 8.9			\$ 9,672.00 \$ 13,545.80		\$ 9,672.00 \$ 13,545.80	Ś	
KK	Perennials - 1 Gallon Container (P)	EA	3510	\$ 18.2			\$ 64,057.50	3510	, ,,,,,,,,	\$	
LL	Shrub (#5 Gallon Container) (P)	EA	77	\$ 62.4			\$ 4,804.80	77		Ś	
MM	Erosion Control Blanket for Seeding	SF	1000	\$ 1.50	, ,		\$ -	,,	\$ -	\$	
NN	Steel Landscape Edging	LF	833	\$ 16.50			\$ 13,563.00	822	т	Ś	
00	Dark Hardwood Mulch (MYP Landscape Supply)	CY	150	\$ 70.0			\$ 12,950.00	185		Ś	
PP	Deciduous Tree (2" Caliper B&B)	EA	6	\$ 850.0			\$ 5,100.00		\$ 5,100.00	Ś	
QQ	Sodding (Salt Tolerant)	SF	3124	\$ 2.0			\$ 7,488.00	3744		\$	
RR	Dispose of Catch Basins (2)	LS	1	\$ 700.0	+		\$ 700.00	1		\$	
SS	Remove and dispose of contaminated bedding material and Class 5 aggregate	LS	1	\$ 2,550.0			\$ 2,550.00		\$ 2,550.00	Ś	
TT	Furnish and Install Common Topsoil Borrow	TON	240	\$ 33.1			\$ 8,055.45	243		Ś	
UU	Extend Safety Fencing (North Parking Lot)	LS	1	\$ 9,300.0			\$ 9,300.00	1		\$	-
VV	Backfill fiber optic trench and separate irrigation by 2' min	LS	1	\$ 3,050.0			\$ 3,050.00	1		\$	
ww	Coordinate irrigation service lines and sprinkler installation for sod	LS	1	\$ 1,500.0			\$ 1,500.00	1		\$	_
XX	Complete Retaining Wall Draintile	LS	1	\$ 1,450.0			\$ 1,450.00	1		Ś	
YY	Remove and relocate or dispose of planting soil above overflow elevation (South Garden)	LS	1	\$ 4,300.0			\$ 4,300.00		\$ 4,300.00	\$	-
ZZ	Remove Contaminated Mulch and Install Clean Mulch (South Garden)	LS	1	\$ 4,300.0	\$ 4,300.00	1	\$ 4,300.00	1	\$ 4,300.00	\$	-
AAA	Trench Drain Connection to Catch Basin	EA	4	\$ 1,375.0				4		Ś	
BBB	Complete 6" Draintile Connection to Existing Structure (South Garden)	EA	1	\$ 2,800.0	1		\$ 2,800.00	1		\$	
CCC	Subgrade Excavation (P)	CY	260	\$ 34.2				260		\$	-
DDD	Dispose Excavated Material Offsite (P)	CY	260	\$ 38.0			\$ 9,880.00	260		\$	
EEE	Fine Grading of Basins	LS	1	\$ 9,000.0	1		\$ 9,000.00	1		\$	
CO1A	Furnish and Install Granular Borrow	TON	-	\$ 47.4		273	\$ 12,942.93	273		Ś	
CO1A	Herbicide Application	EA		\$ 898.0			\$ 1,796.00		\$ 1,796.00	\$	
CO1C	Existing Draintile Connection to CB-03	LS		\$ 1,335.0			\$ 1,796.00	1		\$	-
		LS						1	\$ 1,335.00	1 \$	
CO2A CO2B	Plaisted Companies – Iron Enhanced Sand & Planting Soil	LS		\$ 7,913.0	1		\$ 7,913.00 \$ 3,440.00		\$ -	1 \$	7,913.0 3,440.0
COZB	Core and Main – Dutile Iron Pipe, 6" PVC Pipe, Fittings	LS		3,440.0 د	1	1	3,440.00		- ب	τ >	3,440.0

1 of 2 PayApp\_3\_WT\_Peterson.xlsx

## Target - Woodbury Stormwater Retrofit Ramsey-Washington Metro Watershed District Summary of Work Completed Through October 21, 2024 for Progress Payment Number 3

								ompleted Th nis Period	ough	(2) Total Com Previou	pleted Throus Is Periods	gh (3) Comp	leted '	This Period
Item	Description	Unit	Bidding Estimated Quantity	Un	it Price	Extension	Quantity	Amou	nt	Quantity	Amount	Quantity		Amount
CO2D	AMCON - Splash Blocks (20 blocks + delivery)	LS		\$	1,377.00		1	\$ 1,	377.00		\$ -		1 \$	1,377.00
CO2E	Existing Draintile Connection to CB-01, CB-02, and maintain draintile connections to EX ST-01 and ST-02	LS		\$	3,939.00		1	\$ 3,	939.00		\$		1 \$	3,939.00
CO2F	Existing (EX) ST-02 Repair and Clean	LS		\$	6,842.00		1	\$ 6,	842.00		\$ -		1 \$	6,842.00
CO2G	Excess Subgrade Excavation	CY		\$	34.25		415	\$ 14,	213.75		\$ -	41	5 \$	14,213.75
CO2H	Excess Dispose Excavated Material Offsite	CY		\$	38.00		415	\$ 15,	770.00		\$ -	41	5 \$	15,770.00
		тот	TAL BASE BID			\$ 520,949.79	1	\$ 612,	003.57		\$ 550,077.	37	\$	61,926.20

<sup>&</sup>lt;sup>1</sup>Total base bid of \$520,949.79 reflects the original contract price and does not include Change Order 1. With Change Orders 1 and 2, the current contract price is \$604,016.27.

2 of 2 PayApp\_3\_WT\_Peterson.xlsx

## County Road C Culvert Replacement Progress Payment Number 2

1.0	Total Completed Through This Period:	_	\$579,230.12		
2.0	Total Completed Previously Completed:			\$34,779.00	
3.0	Total Completed This Period:				\$544,451.12
4.0	Amount Previously Retained:			\$1,738.95	
5.0	Amount Retained This Period:				\$27,222.56
6.0	Total Amount Retained:			\$28,961.51	
7.0	Retainage Released Through This Period:				\$0.00
8.0	Total Retainage Remaining:			\$28,961.51	
9.0	Amounts Previously Paid:	_	\$33,040.05		
10.0	Amount Due This Estimate:				\$517,228.56
Retainage	shall be 5 percent of the value of the Work	complet	ed.		
SUBMITTE	O BY:				
Name:	Cole Denver	Date:	10/16/2024		
Title:	Project Manager	_			
Contractor	: Bituminous Roadways, Inc.				
Signature:					
RECOMME	NDED BY:				
Name:	Tyler Olsen	Date:	10/18/2	024	
Title:	Project Engineer				
Engineer:	Barr Engineering Company				
Signature:	John X Olsen				
APPROVED	BY:				
Name:	Val Eisele	Date:			
Title:	President				
Owner:	Ramsey-Washington Metro W	atershed	District	_	
Signature:					

#### County Road C Culvert Replacement Ramsey-Washington Metro Watershed District Summary of Work Completed Through October 14, 2024 for Progress Payment Number 2

						(1) Total Con	npleted	(2) Total Comple	ted	(3) Total Com	pleted
						Through This		Previous Period		This Period	
			Estimated			·					
Item	Description	Unit	Quantity	Unit Price	Extension	Quantity	Amount	Quantity	Amount	Quantity	Amount
А	Mobilization/Demobilization	LS	1	\$18,550.00	\$18,550.00	1.00	\$18,550.00	0.25	\$4,637.50	0.75	\$13,912.50
В	Traffic Control	LS	1	\$3,630.00	\$3,630.00	1	\$3,630.00	1.00	\$3,630.00	0	\$0.00
С	Rock Construction Entrance	EA	1	\$1,080.00	\$1,080.00	0	\$0.00	0.00	\$0.00	0	\$0.00
D	Mud Mat Construction Entrance	EA	1	\$650.00	\$650.00	0	\$0.00	0	\$0.00	0	\$0.00
Е	Sediment Log	LF	522	\$2.50	\$1,305.00	568	\$1,420.00	295	\$737.50	273	\$682.50
F	Rock Filter Dike	EA	1	\$1,330.00	\$1,330.00	1	\$1,330.00	1	\$1,330.00	0	\$0.00
G	Inlet Protection - Filter Sack	EA	2	\$165.00	\$330.00	2	\$330.00	2	\$330.00	0	\$0.00
Н	Seeding and Erosion Control Blanket	SY	1500	\$4.00	\$6,000.00	1,500	\$6,000.00	0	\$0.00	1,500	\$6,000.00
- 1	Removal of Trees, Brush, and Debris (Disposal Off Site)	LS	1	\$14,000.00	\$14,000.00	1	\$14,000.00	1	\$14,000.00	0	\$0.00
J	Remove and Dispose of 42" Pipe Culvert	LF	130	\$20.00	\$2,600.00	130	\$2,600.00	0	\$0.00	130	\$2,600.00
К	Sawcut Pavement (All Types and Thickness)	LF	90	\$3.50	\$315.00	90	\$315.00	90	\$315.00	0	\$0.00
L	Remove and Dispose Bituminous Road Pavement	SY	570	\$3.00	\$1,710.00	570	\$1,710.00	324	\$972.00	246	\$738.00
M	Remove and Dispose Bituminous Driveway Pavement	SY	200	\$8.00	\$1,600.00	200	\$1,600.00	124	\$992.00	76	\$608.00
N	Remove Sanitary Sewer Pipe and Manhole	LF	70	\$11.00	\$770.00	52	\$572.00	0	\$0.00	0	\$572.00
0	Remove Water Main	LF	74	\$6.50	\$481.00	82	\$533.00	0		82	\$533.00
P	Temporary Culvert Inlet Restriction (CMU)	SF	47		\$13,865.00	0	\$0.00	0		0	\$0.00
Q	Strip, Salvage, and Replace Topsoil (6-in Depth)	CY	80	\$24.00	\$1,920.00	80	\$1,920.00	40	\$960.00	40	\$960.00
R	Common Embankment (P)	CY CY	900	\$13.00	\$11,700.00	900	\$11,700.00	0	\$0.00	900	\$11,700.00
S	Select Granular Material	CY	900	\$22.00	\$19,800.00	1.099	\$24,173.60	0	\$0.00	1,099	\$24,173.60
T	Fine Aggregate Bedding	CY	200	\$70.00	\$14,000.00	200	\$14,000.00	0	\$0.00	200	\$14,000.00
U	Import Culvert Infill Substrate	CY	70	\$81.00	\$5,670.00	70	\$5,670.00	0	\$0.00	70	\$5,670.00
V	Aggregate Base Class 6	CY	100	\$30.00	\$3,000.00	100	\$3,000.00	0	\$0.00	100	\$3,000.00
w	Riprap (Mn/DOT Class III)	CI	60	\$135.00	\$8,100.00	63	\$8,486.10	0	\$0.00	63	\$8,486.10
X	Import and Place Topsoil	CY	200	\$68.00	\$13,600.00	113	\$7,684.00		\$0.00	113	\$7,684.00
Y	Common Excavation (P)	CY	2000	\$25.00	\$13,600.00	2,000	\$7,684.00		\$0.00	2,000	\$50,000.00
Z	* *	LS	2000			1.00	, ,	0	\$6,875.00	2,000	
	Water Management	LS	1	\$27,500.00	\$27,500.00	1.00	\$27,500.00	U	\$0,675.00	1	\$20,625.00
AA	Bituminous Mixture SPWEA440C (SP 9.5 Wear Course 4,C), with Tack Coatings	TON	160	\$115.00	\$18,400.00	134	\$15,428.40	0	\$0.00	134	\$15,428.40
AB	Bituminous Mixture SPNWB430B (SP 12.5 Non-wear Course 4,B)	TON	100	\$100.00	\$10,000.00	104	\$10,353.00	0	\$0.00	104	\$10,353.00
AC	Concrete Curb & Gutter, MnDOT Design B624	LF	40	\$125.00	\$5,000.00	40	\$5,000.00	0	\$0.00	40	\$5,000.00
AD	Bituminous Curb	LF	260	\$15.00	\$3,900.00	0	\$0.00	0	\$0.00	0	\$0.00
AE	Painted Pavement Markings	LS	1	\$6,785.00	\$6,785.00	0	\$0.00	0	\$0.00	0	\$0.00
AF	Ductile Iron Pipe Water Main	LF	74	\$150.00	\$11,100.00	82	\$12,300.00	0	\$0.00	82	\$12,300.00
AG	Temporary Water Service	EA	2	\$0.01	\$0.02	2	\$0.02	0	\$0.00	2	\$0.02
AH	12" Sanitary Sewer Pipe	LF	70	\$100.00	\$7,000.00	48	\$4,800.00	0	\$0.00	48	\$4,800.00
Al	Temporary Sewer Service	EA	2	\$2,750.00	\$5,500.00	2	\$5,500.00	0	\$0.00	2	\$5,500.00
AJ	Sanitary Sewer Manhole, 48" Dia. (incl. Casting)	EA	1	\$9,290.00	\$9,290.00	1	\$9,290.00	0	\$0.00	1	\$9,290.00
AK	Drainage Structure, 48" Dia. MnDOT Design 4022 (incl. Casting)	EA	2	\$11,000.00	\$22,000.00	2	\$22,000.00	0	\$0.00	2	\$22,000.00
AL	14' Span X 4' Rise Concrete Box Culvert (MnDOT Class 3)	LF	120	\$1,985.00	\$238,200.00	121	\$240,185.00	0	\$0.00	121	\$240,185.00
AM	14' Span X 4' Rise Concrete Box Culvert End Section (MnDOT Type I)	EA	2	\$17,900.00	\$35,800.00	2	\$35,800.00	0	\$0.00	2	\$35,800.00
											· · · · · ·
a .			Contract B	ase Extensions =	\$596,481.02		\$567,380.12		\$34,779.00		\$532,601.12
Change Ord				¢205.00	642.00= 00		40.00		40.00		40.00
6011	Remove Bid Item "P" Temporary Culvert Inlet Restriction (CMU)	SF	47	-\$295.00	-\$13,865.00	0	\$0.00	0	\$0.00	0	\$0.00
C.O.1.A	Replace Bid Item "P" with Temporary Culvert Inlet Restriction (Steel Plate)	LS	1	\$11,850.00	\$11,850.00	1	\$11,850.00	0	\$0.00	1	\$11,850.00
			Change Or	der Extensions =	-\$2,015.00		\$11,850.00		\$0.00		\$11,850.00
			Contra	ct Grand Total =	\$594,466.02		\$579,230.12		\$34,779.00		\$544,451.12

#### **Galowitz Olson, PLLC** 10390 39th Street North Lake Elmo, Minnesota 55042 Office: (651) 777-6960

Fax: (651) 777-8937

Page: 1 October 24, 2024

File No:

Ramsey-Washington Metro Watershed District C/O Tina Carstens 2665 Noel Drive Little Canada MN 55117

Balance

\$125.00

General Account \$2,175.00

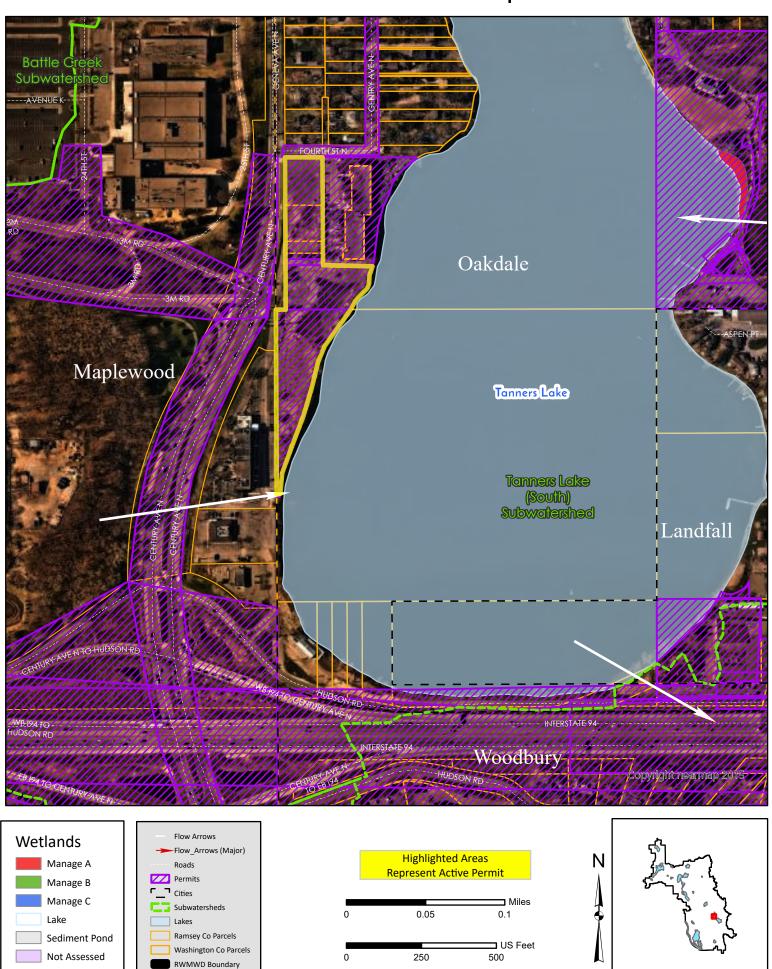
FISH CREEK PROJECT

\$2,300.00

## **Permit Application Coversheet**

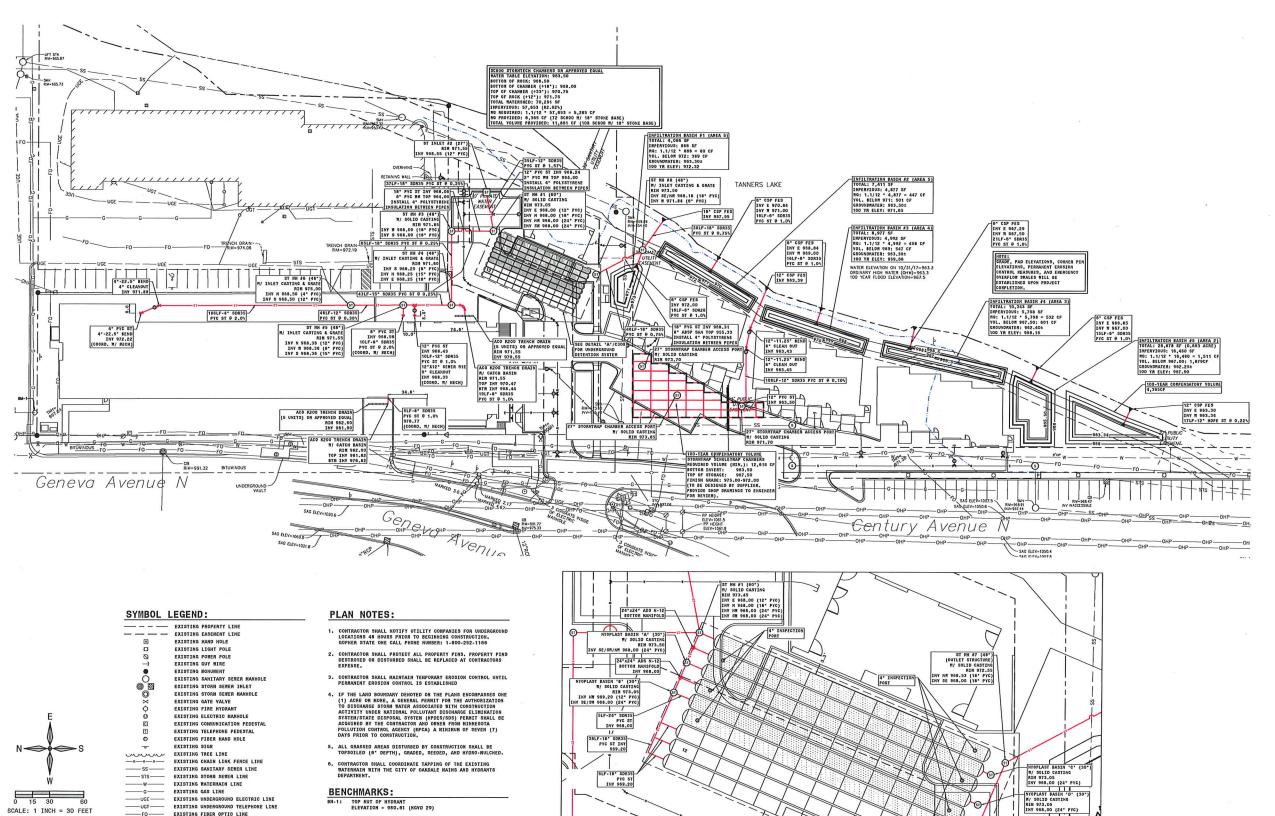
Project Name Tanners Lake Development	Project Number	24-49
Applicant Name         Patrick McGlynn, McGlynn Partners, LLC		
Type of Development Residential		
Property Description  This project is located on the west side of Tanners Lake in the City of proposing to construct an apartment building, townhomes, boathouse associated stormwater facilities/landscaping. The total site disturbed a proposing to decrease impervious area on the site by 0.36 acre over infiltration system, four infiltration basins, and one filtration basin are preatment requirements. The proposed grading plan extends into the Lake, and the applicant is proposing to provide compensatory flood sunderground detention system as well as an above-ground dry basin flood storage during the 100-year rain event. For impacts below the Coffithe lake, the applicant is continuing to work with the MN DNR on a requirements. A Wetland Conservation Act (WCA) 'no wetland determing the 100-year rain event. The proposed grading plan extends into the Lake, and the applicant is proposing to provide compensatory flood structured to the lake, the applicant is continuing to work with the MN DNR on a prequirements. A Wetland Conservation Act (WCA) 'no wetland determing the proposing to provide compensatory flood structured to the lake, the applicant is continuing to work with the MN DNR on a prequirements. A Wetland Conservation Act (WCA) 'no wetland determing the proposing to provide compensatory flood structured to the lake, the applicant is continuing to work with the MN DNR on a prequirement of the lake, the applicant is continuing to work with the MN DNR on a prequirement of the lake, the applicant is continuing to work with the MN DNR on a prequirement of the lake, the applicant is continuing to work with the MN DNR on a prequirement of the lake, the applicant is continuing to work with the MN DNR on a prequirement of the lake, the applicant is continuing to work with the MN DNR on a prequirement of the lake, the applicant is proposed to the lake, the lake the lake the lake the lake the lake the lake t	elevated lake walkwarea is 3.43 acres. The existing conditions. An proposed to meet store 100-year floodplain of orage in the form of a such that there is no redinary High Water Lepplicable public waters hination' was approved	ay, and e applicant is n underground mwater Tanners in net loss of evel (OHWL) is permitting d for the site
Watershed District Policies or Standards Involved:  ☐ Wetlands ☐ Erosion and Sediment ☐ Stormwater Management ☐ Floodplain	Control	
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.	e runoff from the site a	and result in
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations	e runoff from the site a	and result in
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.		
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations Short Term The proposed erosion and sediment control plan is sufficient to protect		
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations Short Term The proposed erosion and sediment control plan is sufficient to protect during construction.	et downstream water r	resources
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations Short Term The proposed erosion and sediment control plan is sufficient to protect during construction.  Long Term The proposed stormwater management plan is sufficient to protect the water resources.  Staff Recommendation	et downstream water r	resources
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations Short Term The proposed erosion and sediment control plan is sufficient to protect during construction.  Long Term The proposed stormwater management plan is sufficient to protect the water resources.  Staff Recommendation Staff recommends approval of this permit with the special provisions.	et downstream water r	resources
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations Short Term The proposed erosion and sediment control plan is sufficient to protect during construction.  Long Term The proposed stormwater management plan is sufficient to protect the water resources.  Staff Recommendation Staff recommends approval of this permit with the special provisions.  Attachments:	et downstream water r	resources
Water Quantity Considerations The proposed stormwater management plan is sufficient to handle the no net loss of flood storage on the landscape.  Water Quality Considerations Short Term The proposed erosion and sediment control plan is sufficient to protect during construction.  Long Term The proposed stormwater management plan is sufficient to protect the water resources.  Staff Recommendation Staff recommends approval of this permit with the special provisions.	et downstream water r	resources

## #24-49 Tanners Lake Development



### **Special Provisions**

- 1. The applicant shall submit the final boardwalk design.
- 2. The applicant shall submit confirmation that the underground infiltration system has 3 feet minimum separation from seasonally high groundwater levels.
- 3. The applicant shall provide calculations to demonstrate the underground detention chamber pipes have sufficient capacity to allow the water level to equalize with the lake.
- 4. The applicant shall add a cross-section detail for the proposed infiltration basins. Ensure all call-outs and detail specifications are accurate on grading and utility plans such that Detail 7 (Sheet C602) is not referenced for all above-grade basins, just Basin #5.
- 5. The applicant shall submit the escrow payment of \$17,150.
- 6. The applicant shall submit the final, signed plans set.
- 7. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).
- 8. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



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 PROFESS

SIGNATURE:

DATE: 10/11/24 LICENSE #: 48885

NYOPLAST BASIN 'E' (30°);
M/ SOLID CASTING
RIM 973.05
INY 968.00 (24° PYC)

5LF-18" SDR35-PYC ST INY 968.00

A DETAIL 'A' - UNDERGROUND AND DETENTION SYSTEM

MCLYNN PARTNERS, I TANNERS I OAKDALE, MN 10/11/2024

LAKE

MBN

100% CDs

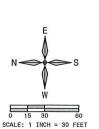
22325 C300

UTILITY PLAN-STORM SEWER

NHOOT 6283 AG, IN MAPLEBOOD, 0.25 HILE WEST ALONG
1.94 FROM THE JUNCTION OF 1.94 AND HWY 120 IN
MAPLEBOOD, AT 1.94 HILEPINT 247.58, 65.5 FT NORTH OF
WESTBOUNG 1.94 FOG LINE, 23.9 FT NORTH OF EXIT RAMP
FON NCKALGHT ROAD, 3.5 FT SOUTH OF SHOUTH OF-MAY
FENCE, 1.5 FT SOUTH OF A WITHESS FOST,
ELEVATION = 991,500 (RAV)O 991,500 (RAVO)O

#### RAMSEY-WASHINGTON MWD NOTES:

3. CONTRACTORS SHALL NOTIFY NICOLE SODERHOLM, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7976 PRIOR TO BEGINNIN ANY AND ALL CONSTRUCTION FOR AN INITIAL SUPPP INSPECTION.



EXISTING GAS LINE EXISTING UNDERGROUND ELECTRIC LINE EXISTING UNDERGROUND TELEPHONE LINE

EXISTING FIRER OPTIC LINE

SALVAGED FIRE HYDRANT NEW GATE VALVE

NEW SANITARY SEWER MANHOL

NEW STORM SEWER INLET

NEW STORM SEWER MANHOLE NEW SIGN NEW WATERMAINE LINE

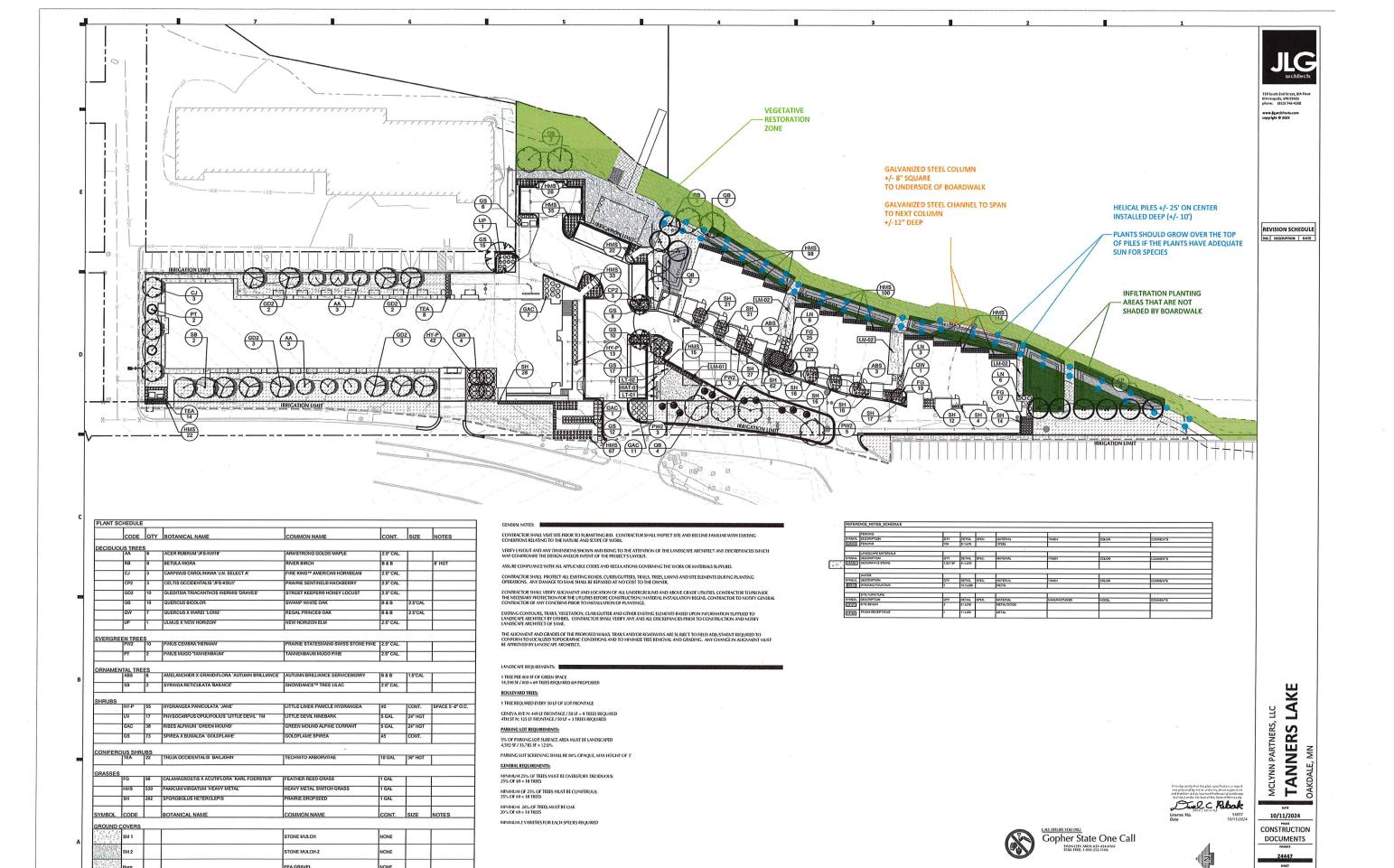
NEW SEWER CLEANOUT

**9** 

EXISTING FIBER OFFIC LINE
EXISTING OVERHEAD POWER LINE
NEW FENCE LINE
NEW FLARED END SECTION
NEW CURB STOP

CONTRACTOR SHALL COORDINATE TAPPING OF THE EXISTING MATERMAIN WITH THE CITY OF OAKDALE MAINS AND HYDRANT:

#### **BENCHMARKS:**



NATIVE SEED MIX TURF SOD L100

SCALE IN FEET



### Minnesota Wetland Conservation Act Notice of Decision

Local Government Unit: Ramsey-Washington Metro Watershed District (RWMWD) County: Washington
Applicant Name: Spring Street Ventures LP Applicant Representative: Wyatt Benton (Anderson
Engineering)
Project Name: Arcana Capital Tanners Lake LGU Project No. (if any): 20-13 WCA
Date Complete Application Received by LGU: 8/20/2020
Date of LGU Decision: 9/18/2020
Date this Notice was Sent: 9/22/2020
WCA Decision Type - check all that apply
□ No-Loss (8420.0415) □ Exemption (8420.0420)
Part: $\square$ A $\square$ B $\square$ C $\square$ D $\square$ E $\square$ F $\square$ G $\square$ H Subpart: $\square$ 2 $\square$ 3 $\square$ 4 $\square$ 5 $\square$ 6 $\square$ 7 $\square$ 8 $\square$ 9
Replacement Plan Impacts (replacement plan decisions only)
Total WCA Wetland Impact Area:
Wetland Replacement Type:   Project Specific Credits:
Bank Credits:
Bank Account Number(s):
Technical Evaluation Panel Findings and Recommendations (attach if any)
☐ Approve ☐ Approve w/Conditions ☐ Deny ☒ No TEP Recommendation
LGU Decision
$\square$ Approved with Conditions (specify below) <sup>1</sup> $\square$ Approved <sup>1</sup> $\square$ Denied List Conditions:
<b>Decision-Maker for this Application:</b> ⊠ Staff □ Governing Board/Council □ Other:
Decision is valid for: ⊠ 5 years (default) □ Other (specify):
<sup>1</sup> <u>Wetland Replacement Plan</u> approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.
<b>LGU Findings</b> – Attach document(s) and/or insert narrative providing the basis for the LGU decision <sup>1</sup> .
<ul> <li>□ Attachment(s) (specify):</li> <li>☑ Summary: Nicole Soderholm (RWMWD-LGU) completed a field review of the site on 9/3/2020 and confirmed the report's findings that there are no wetlands onsite.</li> </ul>

<sup>&</sup>lt;sup>1</sup> Findings must consider any TEP recommendations.

	ресіту):
Annuals of ICII Desisions	
Appeals of LGU Decisions If you wish to <u>appeal</u> this decision, you must provide a written requ <u>received the notice</u> . All appeals must be submitted to the Board of along with a check payable to BWSR for \$500 <i>unless</i> the LGU has according to the submitted to the Board of along with a check payable to BWSR for \$500 <i>unless</i> the LGU has according to the submitted to the Board of along with a check payable to BWSR for \$500 <i>unless</i> the LGU has according to the submitted to the Board of the submitted to the submi	Water and Soil Resources Executive Director
below. The check must be sent by mail and the written request to	
The appeal should include a copy of this notice, name and contact representatives (if applicable), a statement clarifying the intent to the decision is in error. Send to:	information of appellant(s) and their
Appeals & Regulatory Compliance Coordinator	
Minnesota Board of Water & Soils Resources	
520 Lafayette Road North	
St. Paul, MN 55155	
travis.germundson@state.mn.us	
Does the LGU have a <u>local appeal process</u> applicable to this decision	n?
☐ Yes¹	
<sup>1</sup> If yes, all appeals must first be considered via the local appeals process.	
Local Appeals Submittal Requirements (LGU must describe how to appear	al, submittal requirements, fees, etc. as applicable)
Notice Distribution (include name)  Required on all notices:	A) V DWCD TED March are Box Morror
	ct) 🗵 BWSR TEP Member: <b>Ben Meyer</b>
☐ LGU TEP Member (if different than LGU contact):	
□ DNR Representative: Leslie Parris, Jason Spiegel, John Gleason	
☐ Watershed District or Watershed Mgmt. Org.:	
☑ Applicant (notice only):  ☑ Agent/Consultant (notice only)	: Wyatt Benton, Ben Hodapp
Optional or As Applicable:	
☐ Corps of Engineers:	
☐ BWSR Wetland Mitigation Coordinator (required for bank plan applic	
☐ Members of the Public (notice only):	☐ Other:
Signature:	Date:
nicole Seleh	9/22/2020
This nation and accompanying application materials may be cent electron	onically or by mail. The LGII may ont to send a

This notice and accompanying application materials may be sent electronically or by mail. The LGU may opt to send a summary of the application to members of the public upon request per 8420.0255, Subp. 3.

Project Name: Pass the Piano Application Number: 24-50 CS

**Board Meeting Date:** 11/6/2024 **Applicant Name:** Matt Sieberg

Residential ☐ Commercial/Government ✓

### **Project Overview:**

This project is located off Lexington Ave and Woodhill Dr in the City of Roseville. The applicant is proposing to install porous pavers.

The porous pavers are eligible for 100% coverage up to a total of \$100,000.

### BMP type(s):

Porous Pavers(1)

### **Grant Request:**

\$36,385.00

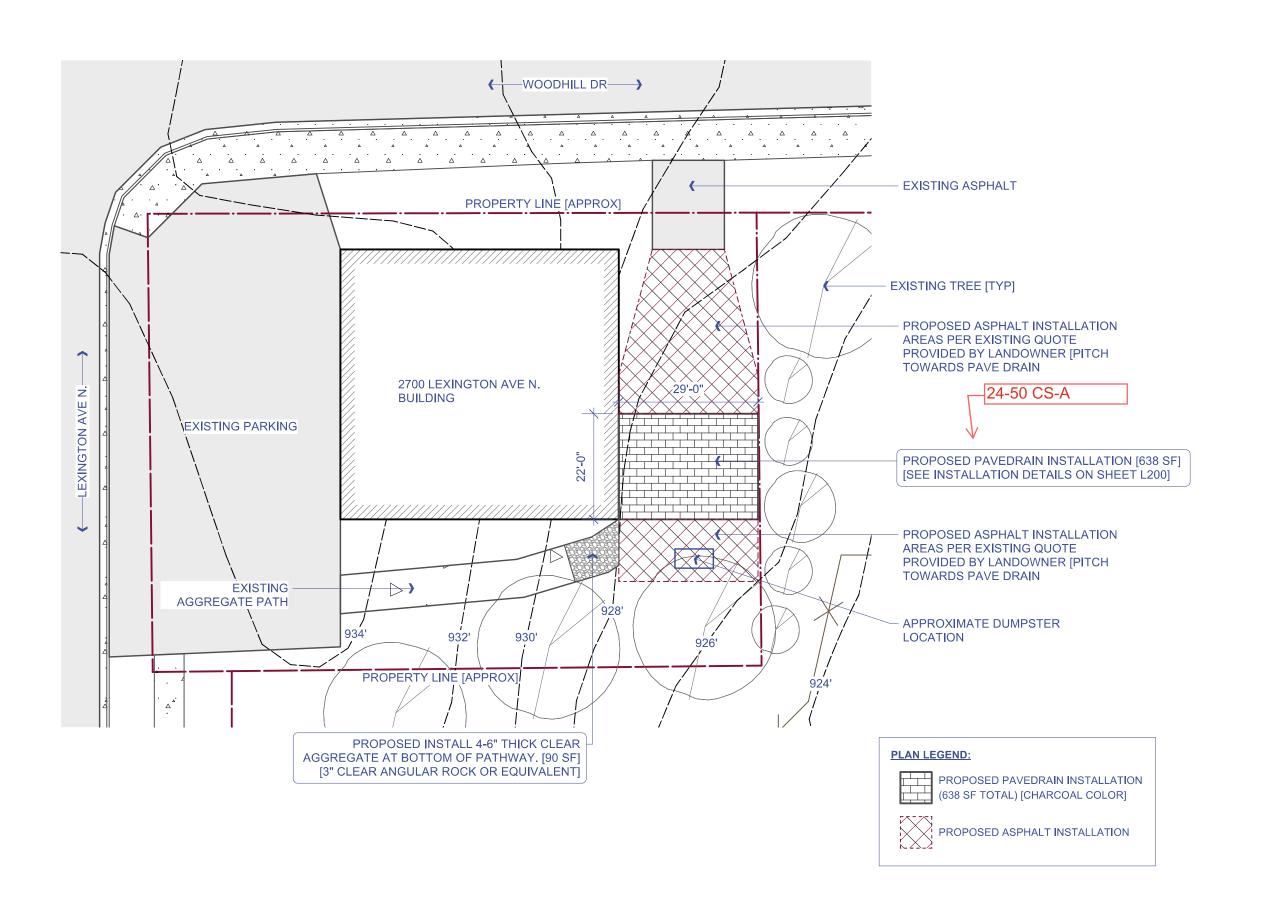
### **Recommendation:**

Staff recommends approval of this application.

### **Subwatershed:**

Bennett Lake







RAMSEY COUNTY SWCD 2015 VAN DYKE STREET

MAPLEWOOD, MN 55109 651-266-7280

www. ramsey county. us

### PROJECT:

SIEBERG - COFFEE SHOP

LOCATION:

2700 LEXINGTON AVE N. ROSEVILLE, MN 55113

### WATERSHED DISTRICT:



DESIGNER: BRIAN T. OLSEN

DATE: 9/13/2024

PAST REVISION:

PAST REVISION:

PAST REVISION:

PAST REVISION:

CHECKED BY:

TAA:

### NOTES:

-CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS -ELEVATIONS ARE APPROXIMATE,

SITE VERIFY

-VERIFY ANY BID ALTERNATES OR ONSITE CHANGES WITH SWCD STAFF PRIOR TO INSTALLATION

-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=20'-0"

Ä

SITE PLAN

L100

Project Name: Lindberg Application Number: 24-51 CS

**Board Meeting Date:** <u>11/6/2024</u>

**Applicant Name:** Nick Lindberg

Residential Commercial/Government

### **Project Overview:**

This project is located off Rose Place and Dellwood Street N in the City of Roseville. The applicant is proposing to install a curb-cut rain garden.

The rain garden project is eligible for 75% coverage up to a total of \$15,000.

### BMP type(s):

Rain Garden(1)

### **Grant Request:**

\$9,600.00

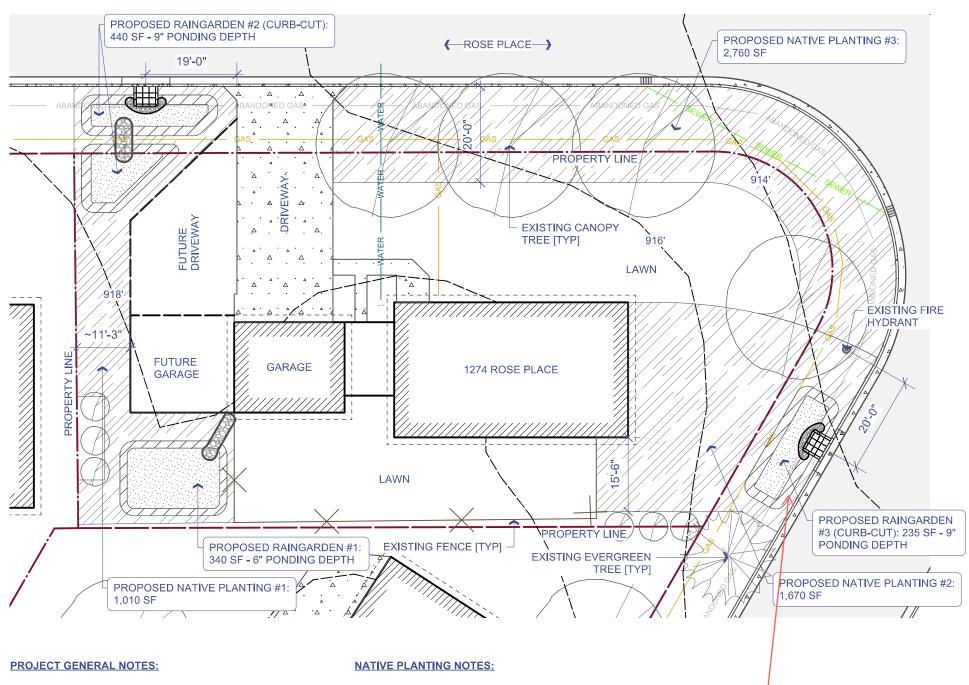
### **Recommendation:**

Staff recommends approval of this application.

### **Subwatershed:**

Bennett Lake



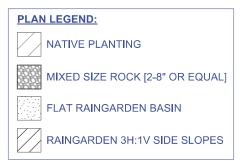


- 1. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS. POTHOLE UTILITIES ADJACET TO EXCAVATION AREAS PRIOR TO STARTING TO DIG.
- 2. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY PERIMETER & EROSION CONTOL MEASURES DURING ANY SOIL DISTURBANCE PERIODS.
- 3, CONTRACTOR TO VERIFY ANY REQUIRED CHANGES WITH RCSWCD PRIOR TO INSTALLATION. MAINTAIN SQUARE FEET AND PONDING DEPTH.
- 4. EXISTING TREES & SHRUBS TO BE PROTECTED UNLESS OTHERWISE NOTED BY PLANS OR LANDOWNER.
- 5. NO MATERIALS TO BE STORED UNDER TREES. AVOID DRIVING UNDER TREES TO REDUCE COMPACTION.
- 6. PROPOSED FUTURE GARAGE AND DRIVEWAY ADDITIONS ARE SHOWN ON PLAN. [NOT ON SITE CURRENTLY]
- 7. SEE SITE PLAN ABOVE FOR PROPSOED PROJECT LOCATIONS & EXTENTS. ADDITIONAL LAYOUT & PLANTING PLANS ARE PROVIDED WIHTIN THESE DOCUMENTS. SEE ACCORDING PLAN SHEETS.

- 1. REMOVE ALL EXISITNG TURF VEGETATION WITHIN 5. INSTALL SHOVEL CUT EDGE AT PERIMETER OF PROPOSED NATIVE PLANTING AREAS AND PREP FOR PLANTING BETWEEN NATIVE PLANTING AREA AND NATIVE PLANT INSTALLATION. [1-2 HERBICIDE EXISTING TURF LAWN. APPLICATIONS AS NEEDEDI IDEAD TURF CAN REMAIN IN 6. EXACT SIZE/SHAPE OF PLANTING AREA MAY VARY. PLACE FOR EROSION CONTROL PURPOSES
- MULCH OVER ENTIRE NATIVE PLANTING AREAS, PLANT APPLICATION AND PROJECT INSTALLATION. WITH NATIVE SPECIES [SEE PLANTING PLAN ON SHEET L303]
- 3. CONTRACTOR TO VERIFY ANY REQUIRED PLANTING OR SITE PREPARATION CHANGES WITH RCSWCD PRIOR TO INSTALLATION
- 4. PLANTING PLAN WITH RECOMMENDED SPECIES, LAYOUT, SIZING, ETC. PROVIDED ON SHEET L303. FINAL SPECIES LIST INCLUDING SPECIES, SIZING, AND QUANTITY TO BE PROVIDED TO RCSWCD STAFF PRIOR TO PURCHASE AND INSTALLATION FOR APPROVAL.

- MAINTAIN APPROXIMATE SQUARE FEET SIZE. VERIFY 2. INSTALL 2"-THICK TWICE SHREDDED HARDWOOD FINAL LAYOUT WITH LANDOWNER PRIOR TO HERBICIDE

24-51 CS-A



Pollutant Reductions: Lindberg Raingarden 1				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	8986	2705	6281	70%
Volume (cu-ft/yr) TSS (lbs/yr)	30.58	9.21	21.37	70%
TP (lbs/yr)	0.1684	0.0010	0.1177	70%

Watershed Data	Lindberg Rai	ngarden 1	
Target Rainfall	0.7	in	
Soil Type:	С	HSG:	
Soil IR	0.3	in/hr	
Surface	Sq-ft	Acre	CN
Road	0	0.000	98
Roof	2,330	0.053	98
Sidewalk/Patio/Deck	182	0.004	98
Driveway	0	0.000	98
Turf Grass/Lawn	6,275	0.144	79
Total	8,787	0.202	
% Imp	29%		

Pollutant Reductions: Lindberg Raingarden 2 (Curb-Cut)					
	Before	After	Reduction	Red. %	
Volume (cu-ft/yr)	24624	11940	12684	52%	
TSS (lbs/yr)	83.81	40.63	43.18	52%	
TP (lbs/yr)	0.4613	0.0010	0.2376	52%	

Watershed Data	Lindberg Ra	ingarden 2	
Target Rainfall	0.32	in	
Soil Type:	С	HSG:	
Soil IR	0.3	in/hr	
Surface	Sq-ft	Acre	CN
Road	3,585	0.082	98
Roof	3,070	0.070	98
Sidewalk/Patio/Deck	0	0.000	98
Driveway	2,350	0.054	98
Turf Grass/Lawn	8,163	0.187	79
Total	17,168	0.394	
% Imp	52%		

Pollutant Reductions: Lindberg Raingarden 3 (Curb-Cut)				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	34495	25491	9004	26%
TSS (lbs/yr)	117.40	86.75	30.65	26%
TP (lbs/yr)	0.64620	0.00100	0.16870	26%

Watershed Data	Lindberg Rai	ngarden 3	
Target Rainfall	0.13	in	
Soil Type:	С	HSG:	
Soil IR	0.3	in/hr	
Surface	Sq-ft	Acre	CN
Road	5,202	0.119	98
Roof	4,060	0.093	98
Sidewalk/Patio/Deck	0	0.000	98
Driveway	2,967	0.068	98
Turf Grass/Lawn	13,265	0.305	79
Total	25,494	0.585	
% Imp	48%		



RAMSEY COUNTY SWCD 2015 VAN DYKE STREET MAPLEWOOD, MN 55109 651-266-7280 www.ramseycounty.us

### PROJECT:

LINDBERG RESIDENCE

### LOCATION:

1274 ROSE PLACE ROSEVILLE, MN 55113

### WATERSHED DISTRICT:



DESIGNER: BRIAN T. OLSEN

DATE: 8/30/2024

PAST REVISION:

PAST REVISION:

PAST REVISION:

PAST REVISION:

CHECKED BY: TAA:

### NOTES:

-ELEVATIONS ARE APPROXIMATE -UTILITY LOCATIONS ARE APPROXIMATE, CONFRIM LOCATIONS PRIOR TO WORK -CONTRACTOR AQUIRE NECESSARY PERMITS PRIOR TO START

-EXCAVATE WITH TRACKED EQUIPMENT ONLY

-SIZE AND SHAPE OF PROJECT MAY VARY, VERIFY CHANGES WITH RCSWCD STAFF PRIOR TO INSTALL

-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=20'-0"



PLAN ш S

L100

Project Name: Owasso Hills Drainage Improvement Application Number: 24-53 CS

**Board Meeting Date:** <u>11/6/2024</u>

**Applicant Name:** Ryan Johnson

Residential Commercial/Government

### **Project Overview:**

This project is located off Highcourte in the City of Roseville. The applicant is proposing to install drainage structures to remove pooling of water due to prior grading activities and to restore native habitat adjacent to sidewalk.

The native habitat restoration project is eligible for 50% coverage up to a total of \$15,000.

### BMP type(s):

Native Habitat Restoration(1)

### **Grant Request:**

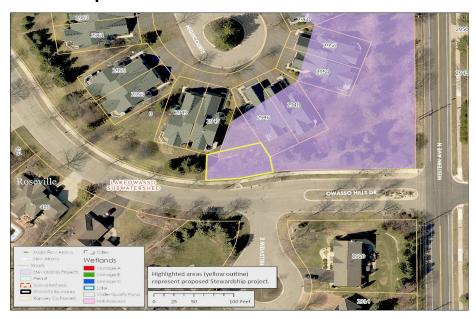
\$15,000.00

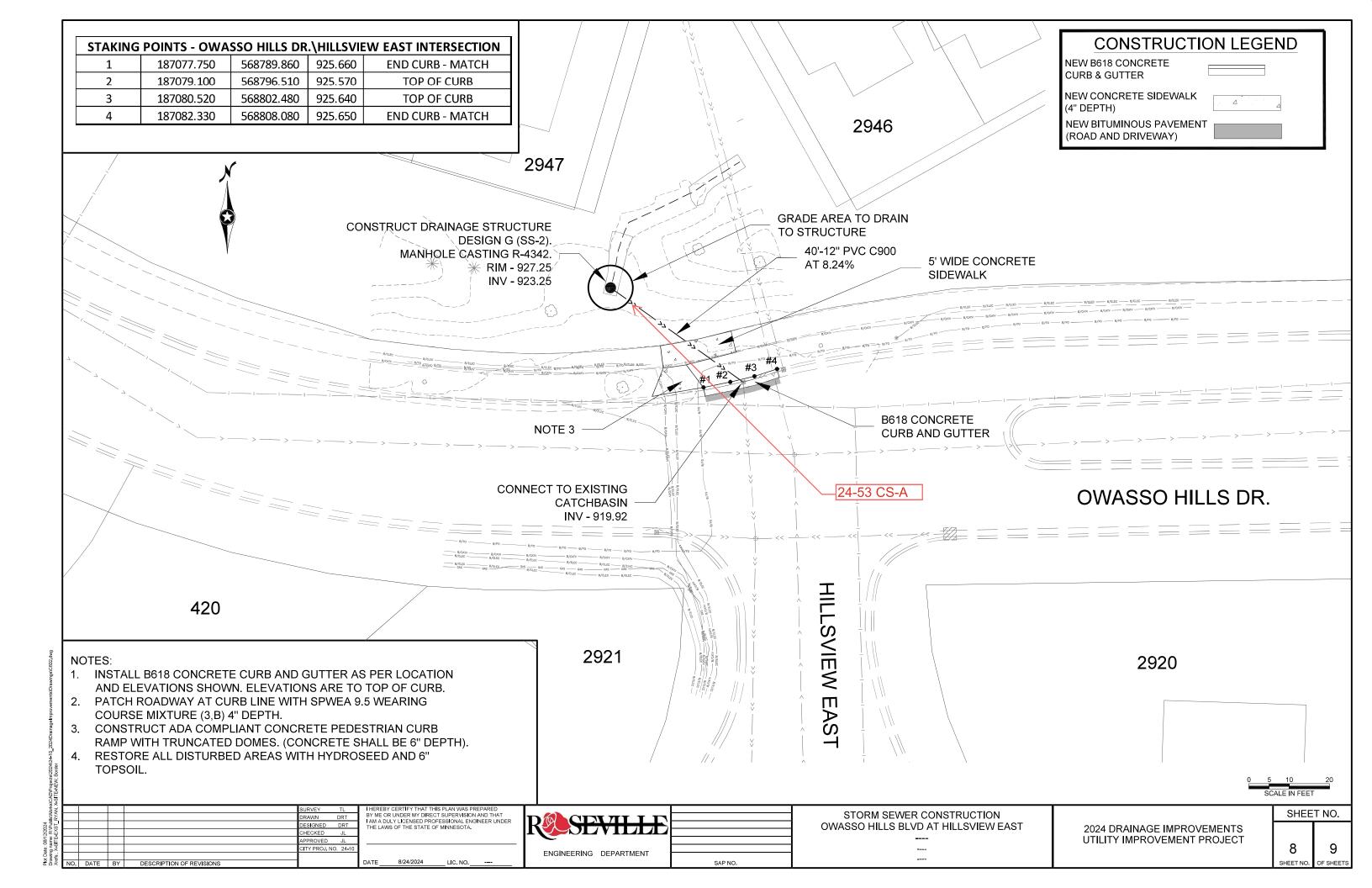
### **Recommendation:**

Staff recommends approval of this application.

### **Subwatershed:**

Lake Owasso





Project Name: St. Paul Street Sweeping	Application Number: <u>24-55 CS</u>
Roard Meeting Date: 11/6/2024	

Board Meeting Date: 11/6/2024

Applicant Name: Pat Murphy

Residential Commercial/Government

### **Project Overview:**

In December 2023, the RWMWD Board of Managers voted to allocate \$250,000 towards 2024 enhanced street sweeping efforts. The City of St. Paul is requesting funds to increase their annual sweeping efforts in Fall 2024.

### BMP type(s):

Street Sweeping(1)

### **Grant Request:**

\$100,000.00

### **Recommendation:**

Staff recommends approval of this application.

### **Subwatershed:**

Lake Phalen, St. Paul Beltline

**Project Name:** Redeemer Lutheran Church **Application Number:** 24-56 CS

Board Meeting Date: 11/6/2024

Applicant Name: Brian Fisher

Residential ☐ Commercial/Government ✓

### **Project Overview:**

This project is located off Bellaire Ave and Blomquist in the City of White Bear Lake. The applicant is proposing to install porous pavers in two areas of the parking lot. The District previously installed two rain gardens in 2019. The past project was approved as a targeted retrofit project.

The porous paver are eligible for 100% coverage up to a total of \$100,000.

### BMP type(s):

Porous Pavers(2)

### **Grant Request:**

\$90,500.00

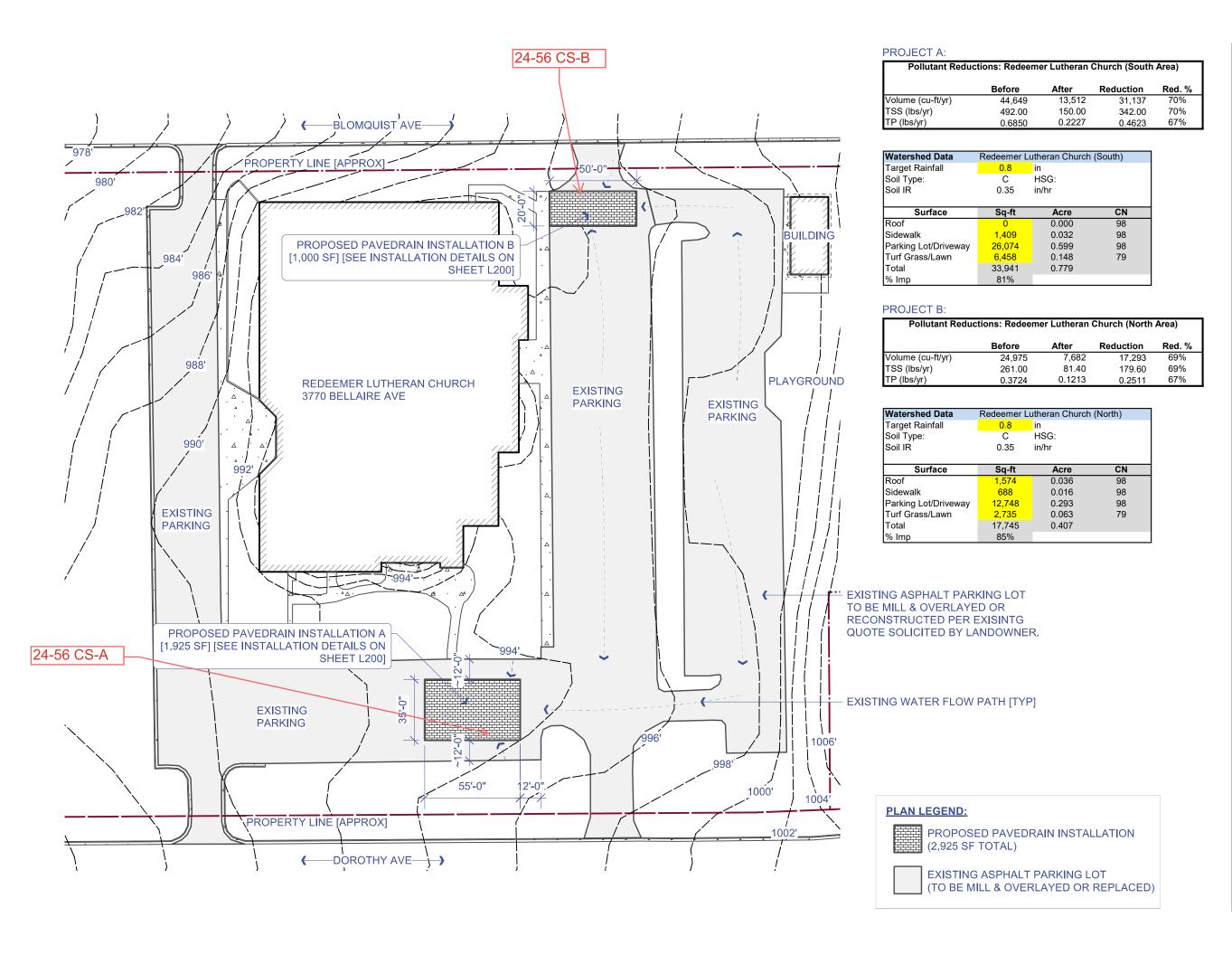
### **Recommendation:**

Staff recommends approval of this application.

### **Subwatershed:**

Willow Creek







RAMSEY COUNTY SWCD 2015 VAN DYKE STREET MAPLEWOOD, MN 55109 651-266-7280 www.ramseycounty.us

PROJECT:

REDEEMER LUTHERAN CHURCH

LOCATION:

3770 BELLAIRE AVE

WHITE BEAR LAKE, MN 55110



DESIGNER: BRIAN T. OLSEN

DATE: 9/13/2024 PAST REVISION:

PAST REVISION:

PAST REVISION:

PAST REVISION:

CHECKED BY:

TAA:

### NOTES:

-CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS -ELEVATIONS ARE APPROXIMATE,

SITE VERIFY

-VERIFY ANY BID ALTERNATES OR ONSITE CHANGES WITH SWCD STAFF PRIOR TO INSTALLATION

-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=50'-0"



SITE PLAN

L100

### **Consent Agenda Action Item**

Board Meeting Date: November 6, 2024 Agenda Item No: <u>3E</u>

**Preparer:** Tina Carstens, Administrator

**Item Description:** Change Order No. 1 for the County Road C Culvert Replacement

### **Background:**

Change order 1 for the County Road C Culvert Replacement Project is attached. This change order changes the material in the culvert inlet restriction and decreases the contract price by \$2,015.

### **Applicable District Goal and Action Item:**

**Goal:** Manage risk of flooding – The District will reduce the public's risk to life and property from flooding through programs and projects that protect public safety and well-being.

Action Item: Cooperate with appropriate stakeholders to identify, assess, and address potential flooding problems in the District.

### **Staff Recommendation:**

Approve Change Order No. 1.

### **Financial Implications:**

This change order will decrease the contract price by \$2,015.

### **Board Action Requested:**

Approve Change Order No. 1.

# Change Order No. 1 Ramsey-Washington Metro Watershed District County Road C Culvert Replacement

DATE OF ISSUANCE: October 18, 2024

Owner: Ramsey-Washington Metro Watershed District

2665 Noel Drive

Little Canada, MN 55117

Attn: Val Eisele

**Contractor:** Bituminous Roadways Inc.

1520 Commerce Drive

Mendota Heights, MN 55120

Attn: Cole Denver

**Engineer:** Barr Engineering Company

4300 MarketPointe Drive, Suite 200

Minneapolis, MN 55435 Attn: Erin Anderson Wenz

# C.O.1.A Remove Bid Item "P" Temporary Culvert Inlet Restriction (CMU) and Replace with Temporary Culvert Inlet Restriction (Steel Plate)

### **Description of Change:**

The bid item Temporary Culvert Inlet Restriction original construction material was to be a concrete masonry unit (CMU), constructed per the plans to restrict flows through the box culvert until other flood-risk improvement projects could be constructed to meet RWMWD's rate control stormwater management rule. Per discussions with Bituminous Roadways, a steel plate could be manufactured and installed that would save the Owner (RWMWD) money and would be easier to install and remove in the future. The Engineer approved this change after discussion with Bituminous Roadways. The original CMU restriction bid price was \$13,865. The price of the steel plate restriction is \$11,850.

### **Change in Contract Time:**

None

### **Total Impact on Contract Price:**

This results in a savings of \$2,015. The new total contract price is \$594,466.42.

### **Attachments:**

Invoice for Change Order Request

Submitted By: (ENGINEER)	Tyler Olsen, Project Engineer Barr Engineering Company	Date:	October 18, 2024
Authorized By: (OWNER)	Val Eisele, President Ramsey-Washington Metro Watershed District	Date:	
Approved By:		Date:	10/16/2024

Cole Denver, Project Manager

Bituminous Roadways

This Change Order No. 1

is:

Approved By: (CONTRACTOR)



### Your Preferred Pavement Partner Since 1946

1520 Commerce Drive | Mendota Heights | MN | 55120 651-686-7001 (P) | 651-687-9857 (F) www.bitroads.com | info@bitroads.com

То:	RAMSEY WASHINGTON METRO WATERSHED DISTRICT	Contact:	
Address:	2665 NOEL DR	Phone:	651-792-7950
	LITTLE CANADA, MN 55117	Fax:	
Project Name:	COUNTY RD. C CULVERT REPLACEMENT	Bid Number:	
Project Location:	COUNTY ROAD C, MAPLEWOOD, MN	Bid Date:	6/3/2024

Item #	Item Description	Estimated Quantity Unit	Unit Price	Total Price
64	Temporary Steel Culvert Inlet Restriction (CMU)	1.00 LS	\$11,850.00	\$11,850.00

Total Bid Price: \$11,850.00

### Notes:

- All work to be completed in 2024.
- Proposed Work Does Not Include: Landscape Restoration, Irrigation Repair/Restoration, Private Utility Locates/Repairs, Sub-soil Corrections, Erosion Control, Towing Charges, Permits and Fees, Multiple Mobilizations, Surveying or any Unforseen Conditions, Guarantee on drainage or ponding of water on lots with less than 1% slope. No epoxy or thermoplastic striping.

If wear course is to be placed after October 31, Bituminous Roadways cold weather paving advisory will need to be signed.

- Noted Addn: None
- For more information: www.bitroads.com

### **Payment Terms:**

This proposal is subject to credit approval and is valid for 10 calendar days, after which time price quotes may be withdrawn without notice. This quote is based on standard AGC subcontract language and shall become a rider to any contract.

Payment due upon receipt of invoice. A finance charge of 1 1/2% per month (18% per year) will be charged on any balance over 30 days past invoice date, unless otherwise agreed upon in writing. We gladly accept Visa, Mastercard, Discover & American Express.

https://bitroads.com/About-Us/75th-Anniversary

ACCEPTED:	CONFIRMED:		
The above prices, specifications and conditions are satisfactory and are hereby accepted.	BITUMINOUS ROADWAYS, INC MENDOTA HEIGHTS		
Buyer:			
Signature:	Authorized Signature:		
Date of Acceptance:	Estimator: Cole Denver		
	715-566-0482 Cole.Denver@bitroads.com		

9/26/2024 3:53:11 PM Page 1 of 1

\*\*\*\*\*

# Permit Program

\*\*\*\*\*\*



### **MEMORANDUM**

Date: November 6<sup>th</sup>, 2024

**To:** Board of Managers and Staff

From: Nicole Maras, Regulatory Program Manager

Mary Fitzgerald, Regulatory Specialist Kendra Kloth, Regulatory Technician

**Subject:** October Enforcement Action Report

### During October 2024:

Number of Violations:	22
Install/Maintain Inlet Protection	4
Contain/Dispose of Liquid and Solid Wastes	3
Sweep Streets	2
Install/Maintain Perimeter Control	2
Install/Maintain Construction Entrance	1
Implement Proper Dewatering	3
Improper Permanent BMP Protection	2
Remove Discharged Sediment	1
Maintain Compliant Inspection Log	3
Install Up-Gradient BMPs	1

### Permit Program- Activities, Trainings, and Coordination Meetings:

Permit site inspections and progress meetings, meetings with permit applicants, rule guidance assistance and inquiries, Wetland Conservation Act (WCA) administration & procedures, permit submittal reviews with Barr Engineering, preconstruction meetings, initial erosion control walk-throughs at newly active sites, vegetation establishment checks, BMP installation and maintenance inspections, permit close-outs, DEIA Workgroup meeting, closed permit BMP maintenance meeting, Water Resources conference, Minnesota Wetland Professional Certification Program (MWPCP) training, Career Connect Day, Maplewood Climate Mitigation Plan meeting

### **Single Lot Residential Permits Approved by Staff:**

None

### **Permits Closed:**

- 19-50 Window World Expansion (North St. Paul)
- 20-13 Menard's Remodel (Maplewood)
- 21-08 White Bear Lake High School South Phase 2 (White Bear Lake)
- 21-29 Lower Afton Apartments (Maplewood)
- 22-26 3M Avenue R Maintenance (Maplewood)
- 22-27 3M Lake Culvert Maintenance (Maplewood)
- 22-31 White Bear Lake Apartments II (White Bear Lake)
- 23-01 Phalen Village/Maryland-Prosperity (St. Paul)

### **Project Updates:**

### #24-48 Shoreview Villas

Staff completed an initial erosion control walk-through at the Shoreview Villas project located at the north end of Snail Lake off Hwy 96 on October 18<sup>th</sup>. During the inspection, staff looked at silt fence installation, temporary sediment basin placement, inlet protection, demolition debris disposal, construction exits, and soil stabilization. Staff also reviewed the site's SWPPP, inspection log, and talked with the contractor about their scheduling for the fall and winter seasons.

Staff noted that inactive exposed soil closer to the silt fence should be temporarily stabilized promptly as it's in a lower, more vulnerable area of the site. Contractors confirmed they already had a seeding contractor on their way to apply a winter cover crop and straw mulch. Staff received photos later that day of the soil stabilization materials installed.

Staff revisited the site on October 22<sup>nd</sup> to conduct an inspection alongside City of Shoreview staff. The city also conducts regular erosion control inspections for compliance with their permits. Both entities plan to inspect every other week, on opposite weeks, so that the site is inspected by a regulatory agency as least weekly. This coordination between entities is a great example of how we work with our cities to efficiently and collectively regulate development within the district.



Left: Exposed Soil 10/18 AM

Right: Contractor Photo Stabilized Soil 10/18 PM



### Closed Permit #02-54: Maplewood Cancer Center Parking Lot

RWMWD and Barr staff conducted an inspection on August 23<sup>rd</sup> of an underground stormwater system at a medical building in Maplewood off Beam Ave. During the inspection the system was revealed to be clean, but staff observed a small hole next to a catch basin that appeared to be creating a sinkhole. The sinkhole opened along a slope and had deposited a large amount of sediment in the adjacent parking lot.





This parking lot directly drains to Kohlman Creek, where a sediment delta was observed. Staff wrote up an inspection report detailing maintenance needed. This included repairing the hole, sweeping sediment on the adjacent parking lot, and vacuuming out the sediment delta from Kohlman Creek.



Staff went to send the inspection report to the BMP maintenance contact in the District database and realized it was no longer up to date (permitted project was constructed in 2002). Staff completed some cold calling and were able to get in touch with the clinic on the property, who then forwarded it to office management, who forwarded it to their property management, who ultimately hired a contractor to do the maintenance.

Staff revisited the site on September 23<sup>rd</sup> and confirmed the hole was patched and the parking lot was swept clean.





Once the contractor went through all necessary steps for access, they conducted a creek clean-out on October 17<sup>th</sup>, with RWMWD staff present. The sediment delta was vacuumed up with a long hose attached to a haul truck. The sediment delta removed was about 2 cubic yards.



Although it's not always easy to find the right contacts for maintaining older BMPs, staff work hard to get in touch with the necessary individuals to keep stormwater infrastructure functional throughout the district.



\*\*\*\*\*\*

# Stewardship Grant Program

\*\*\*\*\*\*

### Stewardship Grant Program Budget Status Update **November 6, 2024**

		Last Month	This Month	Last Month	This Month
Homeowner	Coverage	Number of Projects: 30	Number of Projects: 31	Funds Allocated	Funds Allocated
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	16	16	\$48,913.00	\$48,913.00
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	10	11	\$62,655.00	\$72,255.00*
MN Water Steward Project	100% Cost Share \$15,000 Max	1	1	\$1,500.00	\$1,500.00
Shoreland Restoration	100% Cost Share \$15,000 Max	3	3	\$28,497.40	\$28,497.40

		Last Month	This Month	Last Month	This Month
Commercial, School, Government, Church, Associations, etc.	Coverage	Number of Projects: 19	Number of Projects: 23	Funds Allocated	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	5	6	\$39,597.50	\$54,597.50*
Shoreland Restoration (below 100-year flood elevation w/actively eroding banks)	100% Cost Share \$100,000 Max	0	0	\$0	\$0
Priority Area Projects	100% Cost Share \$100,000 Max	5	7	\$481,211.50	\$608,096.50*
Non-Priority Area Projects	75% Cost Share \$50,000 Max	0	0	\$0	\$0
Public Art (\$50,000 Reserved)	50% Cost Share \$15,000 Max/Project	2	2	\$5,323.00	\$5,323.00
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	1	1	\$12,500.00	\$12,500.00
Enhanced Street Sweeping (\$250,000 Reserved)	Varies	6	7	\$145,591.00	\$245,591.00*

Maintenance	50% Cost Share \$7,500 Max for 5 Years	81	83	\$65,635.00	\$68,635**
Consultant Fees				\$62,706.00	\$92,855.00
Total Allocated				\$954,129.00	\$1,238,763.40

<sup>\*</sup>includes funds to be approved at current board meeting
\*\* includes staff approvals since previous board meeting

2024 Stewardship Grant Program Budget		
	Last Month	This Month
Budget	\$1,250,000	\$1,250,000
Total Funds Allocated	\$954,129	\$1,238,763
Total Available Funds	\$295,871	\$11,237

\*\*\*\*\*\*

# Action Items

\*\*\*\*\*\*

### **Request for Board Action**

Board Meeting Date: November 6, 2024 Agenda Item No: 7A

**Preparer:** Tina Carstens, Administrator

**Item Description:** 2025 CIP Maintenance and Repair Project Authorization to Finalize

Design and Prepare the Bidding Documents and Advertise for Bids.

### **Background:**

Annually, the District completes a project to maintain the existing infrastructure owned and operated by the District, and to assist and facilitate stormwater pond cleanouts to allow other public entities to meet their municipal separate storm sewer system (MS4) requirements.

Staff has put together the 2025 CIP Maintenance/Repair project preliminary design and are seeking authorization from the board at the November 6 meeting to proceed with the bidding process. The estimated project costs is also attached.

If the board deems it appropriate they should consider a motion that "approves the preliminary design, estimate of probable costs, and expected schedule, and directs the staff to prepare the bidding documents and advertise the project for bid". Staff will present bids for the work at the December board meeting and a January construction start is expected.

### **Applicable District Goal and Action Item:**

**Goal:** Achieve quality surface water – The District will maintain or improve surface water quality to support healthy ecosystems and provide the public with a wide range of water-based benefits.

**Action Items:** Maintain District projects and consider opportunities to support the maintenance activities of others.

**Goal:** Manage Risk of Flooding – The District will reduce the public's risk to life and property from flooding through programs and projects that protect public safety and economic well-being.

Action Item: Maintain District flood storage facilities and storm sewer systems.

### **Staff Recommendation:**

Staff recommends that the Board approve the preliminary design, estimated costs, and proposed project schedule, and direct staff to finalize the design and bidding documents and advertise the project for bid.

### **Financial Implications:**

The CIP Maintenance and Repair project is included in the 2025 preliminary budget. The pond clean-out project costs will be reimbursed to the district by the city requesting the work.

### **Board Action Requested:**

Approve the preliminary design, estimated costs, and proposed project schedule, and direct staff to finalize the design and bidding documents and advertise the project for bid.

### **Ramsey-Washington Metro Watershed District**

# Capital Improvement Project (CIP) Maintenance/Repairs 2025

### Anticipated Cost Breakdown (Incl. Mob/Demob.)

PFS Basins Paver Cleaning/Sweeping	\$20,000	note 1
Lower Afton Road Sediment Removal	\$20,000	note 1
Roseville Middle School Splash Block Repair	\$4,000	
Gervais Creek Maintenance	\$85,000	note 1
McKnight Basin Pond Maintenance	\$574,000	note 1
Maple Hills Pond Maintenance	\$92,000	note 1, 2
Pond 9 Maintenance	\$68,000	note 1, 2
Maple Leaf Pond Maintenance	\$34,000	note 1, 2
Harbor Place Pond Maintenance	\$10,000	note 1, 2
Arlington Ave & Currie St. Pond Maintenance	\$69,000	note 1, 2
Kowalski Ponds Maintenance	\$114,000	note 1, 2
Kholman Lake Maintenance	\$53,000	note 1, 2
SC220 Pond Maintenance	\$87,000	note 1, 2
SC235 Pond Maintenance	\$278,000	note 1, 2
	Lower Afton Road Sediment Removal Roseville Middle School Splash Block Repair Gervais Creek Maintenance McKnight Basin Pond Maintenance Maple Hills Pond Maintenance Pond 9 Maintenance Maple Leaf Pond Maintenance Harbor Place Pond Maintenance Arlington Ave & Currie St. Pond Maintenance Kowalski Ponds Maintenance Kholman Lake Maintenance SC220 Pond Maintenance	Lower Afton Road Sediment Removal  Roseville Middle School Splash Block Repair  Gervais Creek Maintenance  McKnight Basin Pond Maintenance  Maple Hills Pond Maintenance  Pond 9 Maintenance  Maple Leaf Pond Maintenance  Harbor Place Pond Maintenance  Arlington Ave & Currie St. Pond Maintenance  Kowalski Ponds Maintenance  Kholman Lake Maintenance  \$53,000  SC220 Pond Maintenance  \$87,000

note 1 Assumes cost to dispose and transport material removed to a permitted solid waste facility. note 2 Construction costs to be reimbursed by the city under the RWMWD partnership program. note 3 Includes 20% for potential change orders

1.	Construction Subtotal	\$1,502,000	
2.	Construction Change Orders (20%)	\$300,400	
3.	Estimated Construction Cost	\$1,802,400	
4.	Estimated Construction Cost to be Reimbursed to District	\$966,000	note 3
5.	Estimated Construction Cost District Responsibility	\$836,400	note 3
6.	Engineering, Design, and Administration (15%)	\$270,360	

### **Estimated Total Project Cost w/Range:**

Rows 1, 2, & 6	\$2,072,760
-5%	\$1,969,122
+10%	\$2,280,036

### **CONTRACT DOCUMENTS**

# CAPITAL IMPROVEMENT PROJECT MAINTENANCE/REPAIRS 2025 RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

### **TABLE OF CONTENTS**

		Page
Certification Pag	ge	00 00 02-1
Advertisement f		00 11 13-1
Instructions to E	Bidders	00 21 13-1
Bid Form		00 41 00-1
Responsible Bid	der Affidavit/Oath	00 45 13-1
	er Subcontractor Verification	00 45 14-1
Notice of Award	1	00 51 00-1
Form of Agreem		00 52 00-1
Notice to Procee		00 55 00-1
General Condition		00 72 00-1
Supplementary	Conditions	00 73 00-1
Technical Spec	cifications	
Division 1 - Ge	eneral Requirements	
01 11 00	Summary of Work	01 11 00-1
01 22 00	Unit Price Measurement and Payment	01 22 00-1
01 29 00	Payment Procedures	01 29 00-1
		01 31 13-1
01 33 00	Submittal Procedures	01 33 00-1
01 35 23	Safety	01 35 23-1
01 45 00	•	01 45 00-1
01 52 00	Construction Facilities and Temporary Controls	01 52 00-1
01 55 26	Traffic Control	01 55 26-1
01 71 13	Mobilization	01 71 13-1
01 77 00	Closeout Procedures	01 77 00-1
Division 31 - E		
	Earthwork	31 00 00-1
31 10 00	6, 1	31 10 00-1
31 23 19	Dewatering and Control of Water	31 23 19-1
31 25 00	Erosion and Sedimentation Control	31 25 00-1
	Exterior Improvements	
32 93 10	Site Restoration and Rehabilitation	32 93 10-1
Division 33 –	Utilities	
33 40 00	Storm Utility Drainage Piping	33 40 00-1
33 49 00	Storm Drainage Structures	33 49 00-1



Ramsey-Washington Metro Watershed District

**Table of Contents** 

### **Drawings**

G-01	Site Location and Sheet Index
G-02	Stormwater Pollution Prevention Plan (SWPPP)
G-03	Stormwater Pollution Prevention Plan (SWPPP)
G-04	Erosion Control Details
C-01	PFS Basins Paver Cleaning/Sweeping
C-02	Lower Afton Road Sediment Removal
C-03	Roseville Middle School Splash Block Repair
C-04	Gervais Creek Maintenance
C-05	McKnight Basin Pond Maintenance
C-06	Maple Hills Pond Maintenance
C-07	Pond 9 Maintenance
C-08	Maple Leaf Pond Maintenance
C-09	Harbor Place Pond Maintenance
C-10	Arlington Ave. & Currie St. Pond Maintenance
C-11	Kowalski Pond Maintenance
C-12	Kholman Lake Maintenance
C-13	Pond SC220 Maintenance
C-14	Pond SC235 Maintenance

### **Appendices**

Appendix A: Pond Sediment Core Samples and Test Results

Appendix B: Erosion Control Inspection Log



# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

# CAPITAL IMPROVEMENT PROJECT (CIP) MAINTENANCE/REPAIRS 2025

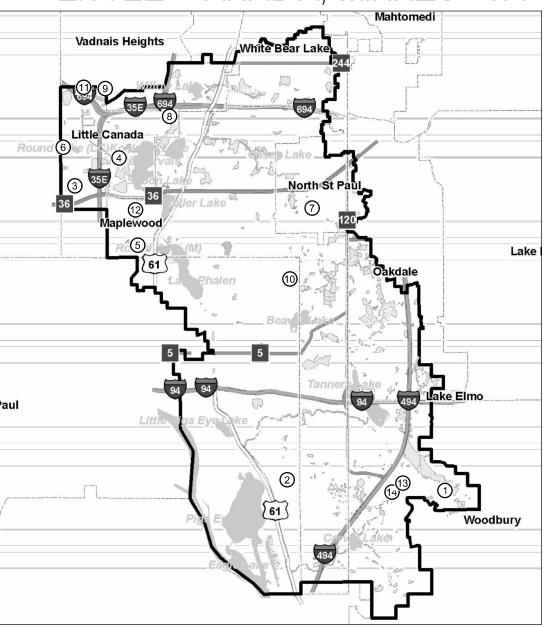
### AREA REFERENCE

SITE NO.	SITE NAME	SHEET NO.
1	TAMARACK SWAMP WOODBURY	C-01
2	LOWER AFTON ROAD ST. PAUL	C-02
3	ROSEVILLE MIDDLE SCHOOL ROSEVILLE	C-03
4	GERVAIS CREEK LITTLE CANADA	C-04
(5)	McKNIGHT BASIN MAPLEWOOD	C-05
6	MAPLE HILLS POND MAPLEWOOD	C-06
7	POND 9 NORTH ST. PAUL	C-07
8	MAPLE LEAF POND LITTLE CANADA	C-08
9	HARBOR PLACE POND SHOREVIEW	C-09
10	ARLINGTON AVE AND CURRIE ST POND MAPLEWOOD	C-10
11)	KOWALSKI POND SHOREVIEW	C-11
12	KOHLMAN LAKE OUTLET MAPLEWOOD	C-12
(13)	POND SC220 WOODBURY	C-13
14)	POND SC235 WOODBURY	C-14



CONTRACTOR SHALL BE RESPONSIBLE FOR FIFL D-LOCATING ALL SITE UTILITIES. PRIVATE AND PUBLIC, PRIOR TO STARTING THE WORK, ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED BY CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER.

## LITTLE CANADA, MINNESOTA



### SHEET INDEX G-GENERAL C-CIVIL

BHEET NO.	TITLE
G-01	SITE LOCATION AND SHEET INDEX
G-02	STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PAGE 1 OF 2
G-03	STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PAGE 2 OF 2
G-04	EROSION CONTROL DETAILS
C-01	PFS BASINS PAVER CLEANING/SWEEPING
C-02	LOWER AFTON ROAD SEDIMENT REMOVAL
C-03	ROSEVILLE MIDDLE SCHOOL SPLASH BLOCK REPAIR
C-04	GERVAIS CREEK MAINTENANCE
C-05	McKNIGHT BASIN POND MAINTENANCE
C-06	MAPLE HILLS POND MAINTENANCE
C-07	POND 9 MAINTENANCE
C-08	MAPLE LEAF POND MAINTENANCE
C-09	HARBOR PLACE POND MAINTENANCE
C-10	ARLINGTON AVENUE AND CURRIE STREET POND MAINTENANCE
C-11	KOWALSKI POND MAINTENANCE
C-12	KHOLMAN LAKE MAINTENANCE
C-13	POND SC220 MAINTENANCE
C-14	POND SC235 MAINTENANCE

VICINITY MAP



PRELIMINARY DRAFT NOT FOR CONSTRUCTION

LERY				PERMIT					BARR ENGINEERING CO.	Date	10/28/2024			CAPITAL IMPROVEMENT PROJECT (CIP)	23/62-0282	2.26
<u> </u>				CONSTRUCTION				BARR	4300 MARKETPOINTE DRIVE SUITE 200	Drawn	EMO	12	RAMSEY-WASHINGTON	MAINTENANCE/REPAIRS 2025	CLIENT PROJECT No.	
I NSE				RECORD			_		MINNEAPOLIS, MN 55435	Checked	GWB	18-4		SITE LOCATION AND		
9 /	MEMO GW	B BJL 10/28	28/2024 RELEASED FOR PROJECT CONSIDERATION	RELEASED	АВ	C 0	1 2 3	Corporate Headquarters: Minneapolis Minnesota	Ph: 1-800-632-2277 Fax: (952) 832-2601	Designed	BARR	( 2-2	METRO WATERSHED DISTRICT		DWG. No.	REV. No.
Ş N	O. BY CH	K APP. DA	ATE REVISION DESCRIPTION	TO/FOR		DATE RELEAS	SED	Ph: 1-800-632-2277	Fax: (952) 832-2601 www.barr.com	Approved	BJL			AND SHEET INDEX	G-01	A

1.0 GENERAL CONSTRUCTION ACTIVITY INFORMATION:
THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED IN COMPLIANCE WITH THE MINNESOTA GENERAL STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY NO. MNR100001 (GENERAL PERMIT), AS REQUIRED BY THE MINNESOTA POLLUTION CONTROL AGENCY (MPCA) UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM/STATE DISPOSAL

THE PROJECT IS "CAPITAL IMPROVEMENT PROJECT (CIP) MAINTENANCE/REPAIRS 2024" FOR THE RAMSEY WASHINGTON METRO WATERSHED DISTRICT. THE PURPOSE OF THE PROJECT IS TO MAINTAIN EXISTING FACILITIES AND STRUCTURES AND PROTECT THE SURFACE WATER WITHIN THE WATERSHED. THE PROJECT INCLUDES A TOTAL OF 13 SITES LOCATED THROUGHOUT THE RAMSEY WASHINGTON METRO WATERSHED DISTRICT WITHIN RAMSEY COUNTY AND WASHINGTON COUNTY IN THE CITIES OF LITTLE CANADA, MAPLEWOOD, OAKDALE, VANAIS HEIGHTS, WHITE BEAR LAKE, AND WOODBURY, MINNESOTA. PROPOSED CONSTRUCTION ACTIVITIES WILL TAKE PLACE WITHIN THE SITES LISTED BELOW:

- Tamarack Swamp: Located in Woodbury, MN in the SE 1/4 of Section 8, T28N, R21W, Latitude: 44,9251, Longitude: -92,9482
- Lower Afton Road: Located in St. Paul, MN in the NW 1/4 of Section 11, T28N, R22W. Latitude: 44.9334, Longitude: -93.0105.
- West Vadnais Lake: Located in Little Canada, MN in the NW 1/4 of Section 31, T29N, R21W. Latitude: 45.0490, Longitude: -93.0962
- Grass Lake Nature Preserve: Located in Shoreview, MN in the SW 1/4 of Section 5, T29N, R22W . Latitude: 45.0586, Longitude: -93.1215. Kohlman Basin: Located in Maplewood, MN in the SW 1/4 of Section 3, T29N, R22W. Latitude: 45,0272, Longitude: -93,0425.
- Aldrich Arena: Located in Maplewood, MN in the SW 1/4 of Section 8, T29N, R22W. Latitude: 44.9965, Longitude: -93.0235.
- Rice Street: Located in Shoreview, MN in the SW 1/4 of Section 7, T28N, R21W. Latitude: 45.0585, Longitude: -93.1061.
- Arlington Pond: Located in Maplewood, MN in the NW 1/4 of Section 18, T28N, R21W. Latitude: 44.9839, Longitude: -93.0464.

SEE TITLE SHEET G-01 OF THE CONSTRUCTION PLANS, SITE LOCATIONS MAP AND SHEET INDEX OF SITE LOCATIONS.

THE PROJECT WORK INCLUDES MOBILIZATION AND DEMOBILIZATION AT MULTIPLE SITES, INSTALLING EROSION CONTROL BMPS IN ACCORDANCE WITH PROJECT SWPPP, INCLUDING SILT FENCE, SEDIMENT LOGS, FLOTATION SILT CURTAIN, INLET PROTECTION, EROSION CONTROL CONSTRUCTION ENTRANCES, CONTROL OF WATER AND/OR DEWATERING AS NECESSARY TO PERFORM WORK, USING MUD MATS FOR PROTECTION AT ACCESS, REMOVAL OF TREES, STUMPS, VEGETATION, AND DEBRIS, EXCAVATION/DREDGING/CHANNEL CLEANING WITH OFF-SITE DISPOSAL TO LANDFILL OF SEDIMENT/MUCK/VEGETATION FROM STORM WATER MODULAR BLOCK PAVER BASINS WITH OFF-SITE DISPOSAL OF MATERIALS, EXCAVATION OF SEDIMENT/MUCK/VEGETATION AND ONSITE DISPOSAL AND INSTALLATION OF PRECAST CONCRETE BOAT RAMP SECTIONS, ACCESS GATE WITH FOOTINGS. IMPORT AND PLACEMENT OF CC17 LIMESTONE MATERIAL AND INSTALLATION OF PLASTIC BOARDS AT PERMEABLE WEIR SYSTEM, REMOVAL AND REPLACEMENT OF CONCRETE BLOCK, INSTALL SHALLOW PRECAST STORMWATER TREATMENT STRUCTURES TO REPAIR SPLASH BLOCK ASSEMBLIES AT RAINGARDEN EDGES, GENERAL SITE WORK, CONTROL OF TRAFFIC AT AND AROUND CONSTRUCTION SITES, SITE RESTORATION/SEEDING WITH NATIVE SEED MIXES PROVIDED BY OWNER, INSTALLING EROSION CONTROL BLANKET ON ALL EXPOSED SOILS. REFER TO PROJECT DRAWINGS FOR FURTHER DETAILS.

### 1.1 PROJECT SIZE AND CUMULATIVE IMPERVIOUS SURFACE

- THE ANTICIPATED AREA OF DISTURBANCE INCLUDING POND DREDGING AREAS IS APPROXIMATELY 3.23 ACRES.
- THE TOTAL AREA OF PRE-CONSTRUCTION IMPERVIOUS AREA IS APPROXIMATELY 0.00 ACRES.
- THE TOTAL AREA OF POST-CONSTRUCTION IMPERVIOUS AREA IS APPROXIMATELY 0.00 ACRES.

### 1.2 DATES OF CONSTRUCTION:

ANTICIPATED START DATE: XX XX 2024 ANTICIPATED END DATE: XX XX 2025

### 1.3 CONTACT INFORMATION

PHONE NUMBER: 651-792-7972

OWNER: RAMSEY WASHINGTON METRO WATERSHED DISTRICT

MAILING ADDRESS: 2665 NOEL DRIVE.

LITTLE CANADA, MN 55117

CONTACT PERSON: TINA CARSTENS

PHONE NUMBER: 651-792-7960

ALTERNATE CONTACT PERSON: DAVID VLASIN

EMAIL ADDRESS: tina.carstens@rwmwd.org TITLE: WATERSHED PROJECT MANAGER EMAIL ADDRESS: david.vlasin@rwmwd.org

OPERATOR / GENERAL CONTRACTOR (WILL OVERSEE IMPLEMENTATION OF THE SWPPP): [INSERT NAME]

PORT WAS PREPARED BY ME OR UNDER MY DIREC SUPERVISION AND THAT I AM A DULY LICENSED ROSESSIONAL ENGINEER LINDER THE LAWS OF THE

STATE OF MINNESOTA.

\_\_LICENSE #

TITLE: ADMINISTRATOR

MAILING ADDRESS: [INSERT ADDRESS] CONTACT PERSON: [INSERT NAME] PHONE NUMBER: [INSERT NUMBER]

DATE

TITLE: [INSERT TITLE] EMAIL ADDRESS: [INSERT ADDRESS]

PARTY RESPONSIBLE FOR LONG-TERM OPERATION AND MAINTENANCE OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM

RAMSEY WASHINGTON METRO WATERSHED DISTRICT, 2665 NOEL DRIVE, LITTLE CANADA, MN. 55117.

### 2.0 RECEIVING WATERS:

WATERS WITHIN ONE MILE (NEAREST STRAIGHT LINE DISTANCE) THAT ARE LIKELY TO RECEIVE STORMWATER RUNOFF FROM THE PROJECT SITE INCLUDE:

			SPECIAL	IMPAIRED	PUBLIC WATER WITH WORK
NAME OF WATER BODY	TYPE_	WATER BODY ID	WATER?	WATER? (1)	IN WATER RESTRICTIONS
LAKE BUALEN	1.4145	00 0040 00	NO	VE0	NO.
LAKE PHALEN	LAKE	62-0013-00	NO	YES	NO
WEST VADNAIS LAKE	LAKE	62-0038-02	NO	YES /	NO
BATTLE CREEK	STREAM	07010206-592	NO	YES	NO
GRASS LAKE	WETLAND	N/A	NO	Me	NO
KOHLMAN LAKE	LAKE	62-0006-00	NO	YES	NO
BATTLE CREEK LAKE	LAKE	82-0091-00	NO /	NO	NO
WAKEFIELD LAKE	LAKE	62-0011-00	Ma	YES	NO
CARVER LAKE	LAKE	82-0166-00	NO	YES	NO

REFER TO CSW PERMIT SECTION 23. IMPAIRED WATER FOR THE FOLLOWING POLLUTANT(S) OR STRESSOR(S): PHOSPHORUS (NUTRIENT EUTROPHICATION BIOLOGICAL INDICATORS), TURBIDITY, TOTAL SUSPENDED SOLIDS (TSS), DISSOLVED OXYGEN, OR AQUATIC BIOTA (FISH BIOASSESSMENT, AQUATIC PLANT BIOASSESSMENT, AND AQUATIC MACROINVERTEBRATE

FOR PROJECT CONSIDERATION

REVISION DESCRIPTION

SPECIAL AND IMPAIRED WATERS: THE MPCA'S SPECIAL AND IMPAIRED WATERS SEARCH TOOL WAS USED TO LOCATE SPECIAL AND IMPAIRED WATERS WITHIN ONE MILE (AERIAL RADIUS MEASUREMENT) OF THE PROJECT SITE. GERVAIS LAKE HAS AN EPA-APPROVED IMPAIRMENT FOR: MERCURY IN FISH TISSUE, PERFLUOROOCTANE SULFONATE. GERVAIS CREEK HAS AN EPA-APPROVED IMPAIRMENT FOR: BENTHIC MACRÓINVERTEBRATES BIOASSESSMENTS. BATTLE CREEK HAS AN EPA-APPROVED IMPAIRMENT FOR: BENTHIC MACROINVEREBRATES BIOASSESSMENTS, CHLORIDE, FISH BIOASSESSMENTS. KOHLMAN LAKE HAS AN EPA-APPROVED IMPAIRMENT FOR: CHLORIDES, NUTRIENTS. CARVER LAKE HAS AN EPA-APPROVED IMPAIRMENT FOR: CHLORIDES, MERCURY IN FISH TISSUE. FISH CREEK HAS AN EPA-APPROVED IMPAIRMENT FOR: ESCHERICHIA COLI (E. COLI). THESE IMPAIRMENTS ARE CONSIDERED TO BE CONSTRUCTION RELATED PARAMETERS AND REQUIRE ADDITIONAL BEST MANAGEMENT PRACTICES (BMPS) FOUND IN ITEMS 23.9 AND 23.10 OF THE PERMIT IF THE PROJECT HAS A DISCHARGE POINT ON THE PROJECT WITHIN 1 MILE (AERIAL RADIUS MEASUREMENT) OF, AND FLOWS TO THE IMPAIRED STREAM. NOTE: SPECIFIC IMPAIRED WATERS TO BE UPDATED.

THIS PROJECT DOES NOT INCLUDE ANY ADDITIONAL BMPS OR OTHER SPECIFIC CONSTRUCTION RELATED IMPLEMENTATION ACTIVITIES IDENTIFIED IN AN APPROVED TOTAL MAXIMUM DAILY LOAD (TMDL).

2.2 PUBLIC WATERS WITH WORK IN WATER RESTRICTIONS: THIS PROJECT DOES NOT INCLUDE WORK IN PUBLIC WATERS.

2.3 WETLAND IMPACTS: THIS PROJECT WILL REQUIRE WORKING WITHIN WETLAND AREA AND WILL RESULT IN IMPACTS TO THE WETLANDS, INCLUDING EXCAVATION, REMOVAL OF FILL, AND REMOVAL OF DEBRIS.

2.4 ENVIRONMENTAL REVIEW AND OTHER REQUIRED REVIEWS: STORMWATER MITIGATION MEASURES ARE NOT REQUIRED AS A RESULT OF AN ENVIRONMENTAL REVIEW (E.G., EAW OR EIS), ENDANGERED OR THREATENED SPECIES REVIEW, ARCHEOLOGICAL SITE REVIEW, OR OTHER LOCAL, STATE, OR FEDERAL REVIEW CONDUCTED

### 3.0 PROJECT PLANS AND SPECIFICATIONS:

REQUIRED FEATURE  PROJECT LOCATION AND CONSTRUCTION LIMITS  EXISTING AND FINAL GRADES, INCLUDING DRAINAGE, ALEA BOUNDARIES, DIRECTIONS OF FLOW AND ALL DISCHARGE POINTS WHERE STAMWATER IS LEAVING THE SITE OR	SHEET NUMBER G-01 C-01 - C-11
ENTERING A SURFACE WATER	C-01 - C-11
SOIL TYPES AT THE SITE	N/A
LOCATIONS OF IMPERVIOUS SURFA	N/A
<ul> <li>LOCATIONS OF AREAS NOT BE DISTURBED (F.G., BUILTR ZONT, WETLANDS, ETC.)</li> </ul>	C-01 - C-11
LOCATIONS OF AREAS OF STEEP SLIPES	C-01 - C-11
LOCATIONS OF AREAS WHERE CONS CTION VILL BE. HASED TO MINIMIZE DURATION	
OF EXPOSED SOIL	N/A
PORTIONS OF A SITE IN IT DRAIN TO PUBLIC WATER WITH DNR WORK WATER	
RESTRICTION FOR FISH SI, WNING TIM. AMES	N/A
LOCATIONS C ALL TEMPOR RY AND PERMANENT EROSION AND S MENT CONTROL	0.44
BY AS REC RED IN PERM SECTIONS 8 THROUGH 10 AND THE DUGH 10	C 1 - C-11
LOCA ONS OF F SNITA OLLUTION GENERATING A TO SES IDENT. ED IN PERMIT	C-01 - C-11
SECTION 12	C-01 - C-11
STANDA DETAILS FOR EROSION AND SEDIMENT CONTROL MPS TO BE MALLED.	C-01 - C-11
AT THE S. T	G-04
AT THE SIT	0-04

### 4.0 BEST MANAGEMENT PRACTICES (BMPS)

### 4.1 EROSION PR EVENTION I

- GIN, THE LIMITS OF THE AREAS TO BE DISTURBED DURING CONSTRU DELINEA D WI H FLAGS, STAKES, SIGNS, SILT FENCE, ETC. ON OF SO S AND SOIL STOCKPILES: TEMP
- EXPO TABILIZED WITH EROSION CONTROL BLANKET, PRESERVATION OF √ALENT MEASURES.
- OIL STOCKPILES WILL BE STABILIZED WITH MULCH, STRAW, OR PLASTIC SHEETING, OR MEASURES.
- TEM TOCKPILES WITHOUT SIGNIFICANT SILT, CLAY, OR ORGANIC COMPONENTS (E.G., CLEAN GATE TOCKPILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES) AND THE UCTED BASE COMPONENTS OF ROADS. PARKING LOTS. AND SIMILAR SURFACES ARE EXEMPT HESE STABILIZATION REQUIREMENTS
- BILIZATION OF DITCH AND SWALE WETTED PERIMETERS:
- IF SOILS WITHIN EXISTING STORMWATER DITCHES OR SWALES ARE DISTURBED, THEY WILL BE STABILIZED WITH EROSION CONTROL BLANKET, RIPRAP, OR EQUIVALENT MEASURES.
- MULCH, HYDROMULCH, TACKIFIER, POLYACRYLAMIDE, OR SIMILAR EROSION PREVENTION PRACTICES WILL NOT BE USED TO STABILIZE ANY PART OF AN EXISTING STORMWATER DITCH OR SWALE WITH A CONTINUOUS SLOPE OF GREATER THAN 2 PERCENT.
- THE LAST 200 LINEAL FEET OF LENGTH OF THE NORMAL WETTED PERIMETER OF ANY TEMPORARY OR PERMANENT DITCH OR SWALE THAT DRAINS WATER FROM ANY PORTION OF THE CONSTRUCTION SITE, OR DIVERTS WATER AROUND THE SITE, WITHIN 200 LINEAL FEET FROM THE PROPERTY EDGE, OR FROM THE POINT OF DISCHARGE INTO ANY SURFACE WATER WILL BE STABILIZED WITHIN 24 HOURS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE.
- STABILIZATION OF THE REMAINING PORTIONS OF ANY TEMPORARY OR PERMANENT DITCHES OR SWALES WILL BE COMPLETED WITHIN 14 CALENDAR DAYS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE AND CONSTRUCTION IN THAT PORTION OF THE DITCH HAS TEMPORARILY OR PERMANENTLY CEASED.
- ENERGY DISSIPATION AT PIPE OUTLETS: ENERGY DISSIPATION AT PIPE OUTLETS WILL BE PROVIDED FOR WITH RIP RAP OR EQUIVALENT MEASURES.
- **EROSION PREVENTION IMPLEMENTATION TIMELINES**

**BARR** 

A B 0 1 2 3 4

RELEASED

BARR ENGINEERING CO

MINNEAPOLIS, MN 55435

4300 MARKETPOINTE DRIVE

- STABILIZATION OF EXPOSED SOIL AREAS (INCLUDING STOCKPILES) WILL BE INITIATED IMMEDIATELY TO LIMIT SOIL EROSION WHENEVER ANY CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
- IF THE EXPOSED SOIL AREAS DRAIN TO A DISCHARGE POINT THAT IS WITHIN ONE MILE (AERIAL RADIUS MEASUREMENT) OF A SPECIAL OR IMPAIRED WATER (SEE SECTION 2.0), STABILIZATION OF EXPOSED SOIL AREAS (INCLUDING STOCKPILES) WILL BE INITIATED IMMEDIATELY TO LIMIT SOIL EROSION WHENEVER ANY CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 7 CALENDAR DAYS. THE FOLLOWING ACTIVITIES CAN BE TAKEN TO INITIATE STABILIZATION: PREPPING THE SOIL FOR

AS SHOWN

- VEGETATIVE OR NON-VEGETATIVE STABILIZATION, APPLYING MULCH OR OTHER NON-VEGETATIVE PRODUCT TO THE EXPOSED SOIL AREA, OR SEEDING OR PLANTING THE EXPOSED AREA. ADDITIONAL EROSION PREVENTION MEASURES: THE FOLLOWING ADDITIONAL EROSION PREVENTION METHODS WILL BE IMPLEMENTED AT THE SITE DURING CONSTRUCTION:
- CONSTRUCTION PHASING WILL BE UTILIZED TO MINIMIZE THE AREA OF SOIL EXPOSED AT ANY ONE
  - SOIL DISTURBANCE WILL BE MINIMIZED WHEREVER POSSIBLE TO AID IN EROSION PREVENTION.
  - EXISTING VEGETATION WILL BE PRESERVED WHEREVER POSSIBLE TO LIMIT EXPOSED SOIL AND THUS WILL SERVE AS NATURAL VEGETATIVE BUFFERS.
- d. EXPOSED SOIL ON STEEP SLOPES (<3H:1V) WILL BE STABILIZED USING EROSION CONTROL BLANKET

### 4.2 SEDIMENT CONTROL PRACTICES

- DOWNGRADIENT PERIMETER CONTROLS:

  a. SEDIMENT CONTROL PRACTICES WILL BE ESTABLISHED ON ALL DOWNGRADIENT PERIMETERS AND LOCATED UPGRADIENT OF ANY BUFFER ZONES. PERIMETER SEDIMENT CONTROLS WILL INCLUDE: SILT FENCE, SEDIMENT CONTROL LOCA, RETAIN EXISTING VEGETATION WHERE POSSIBLE, BERMS, AND ROCK CHECKS, OR EQUIVALENT MEASURES.

  b. PERIMETER SEDIMENT CONTROL PRACTICES MUST BE INSTALLED BEFORE ANY UPGRADIENT
- LAND-DISTURBING ACTIVITIES BEGIN AND REMAIN IN PLACE UNTIL PERMANENT COVER HAS BEEN
- c. IF SEDIMENT CONTROL PRACTICES HAVE BEEN ADJUSTED OR REMOVED TO ACCOMMODATE SHORT-TERM ACTIVITIES (SUCH AS CLEARING, GRUBBING, OR PASSAGE OF VEHICLES), THE CONTROLS MUST BE RE-INSTALLED IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY HAS BEEN COMPLETED. SEDIMENT CONTROL PRACTICES MUST BE RE-INSTALLED BEFORE THE NEXT PRECIPITATION EVENT, EVEN IF THE SHORT-TERM ACTIVITY IS NOT COMPLETE.

  THE DOWNGRADIENT SEDIMENT CONTROLS ARE OVERLOADED (BASED ON FREQUENT FAILURE OR
  - EXCESSIVE MAINTENANCE REQUIREMENT), INSTALL ADDITIONAL UPGRADIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPS TO ELIMINATE THE OVERLOADING AND AMEND THE SWPPP TO IDENTIFY THESE ADDITIONAL PRACTICES.
- SOIL STOCKPILE PERIMETER CONTROLS: TEMPORARY SOIL STOCKPILES WILL BE SURROUNDED BY: SILT FENCE, SEDIMENT CONTROL LOGS, PLASTIC SHEETING, OR EQUIVALENT MEASURES, AND SHALL NOT BE PLACED IN ANY NATURAL BUFFERS OR SURFACE WATERS.
- STORM DRAIN INLET PROTECTION INLET PROTECTION BMPS WILL BE INSTALLED AROUND ALL STORM DRAIN INLETS DOWNGRADIENT OF CONSTRUCTION ACTIVITIES.
- STORM DRAIN INLETS WILL BE PROTECTED UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED.
- INLET PROTECTION BMPS WILL BE: FILTER SILT FENCE BOX. SEDIMENT CONTROL LOGS, OR EQUIVALENT MEASURES.
- VEHICLE TRACKING BMPS
- VEHICLE TRACKING BMPS WILL BE INSTALLED TO MINIMIZE THE TRACKING OUT OF SEDIMENT FROM THE CONSTRUCTION AREA AND WILL INCLUDE: ROCK OR WOODCHIP PADS, MUD MATS, OR AN EQUIVALENT SYSTEM.
- IF SUCH VEHICLE TRACKING BMPS ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE PAVED ROAD, STREET SWEEPING WILL ALSO BE EMPLOYED. SEDIMENT WILL BE REMOVED BY SWEEPING WITHIN 24 HOURS
- MINIMIZATION OF SOIL COMPACTION AND PRESERVATION OF TOPSOIL: SOIL COMPACTION WILL BE MINIMIZED AND TOPSOIL WILL BE PRESERVED WHERE POSSIBLE. PRIORITIZATION OF ONSITE INFILTRATION AND SEDIMENT REMOVAL
- PRIOR TO OFFSITE DISCHARGE, INFILTRATION AND SEDIMENT REMOVAL WILL BE IMPLEMENTED
- ONSITE WHERE POSSIBLE. DISCHARGES FROM BMPS WILL BE DIRECTED TO VEGETATED AREAS OF THE SITE (INCLUDING ANY NATURAL BUFFERS) IN ORDER TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORMWATER
- INFILTRATION, IF EROSION IS NOTED TO OCCUR AS THE RESULT OF SUCH A DISCHARGE VELOCITY DISSIPATION BMPS WILL BE CONSIDERED AND INSTALLED AS NECESSARY TO PREVENT EROSION. BUFFER ZONE OR REDUNDANT SEDIMENT CONTROLS TO PROTECT SURFACE WATERS:
- A 50-FOOT NATURAL BUFFER WILL BE PRESERVED IN CONSTRUCTION AREAS DISCHARGING TO A NON-SPECIAL/NON-IMPAIRED SURFACE WATER OR WETLAND. IF A NON-SPECIAL/NON-IMPAIRED SURFACE WATER OR WETLAND IS LOCATED WITHIN 50 FEET OF THE PROJECT'S FARTH DISTURBANCES AND STORMWATER FLOWS TO THE SURFACE WATER, OR WHEN A BUFFER IS INFEASIBLE, REDUNDANT SEDIMENT CONTROLS WILL BE PROVIDED.
- REDUNDANT PERIMETER CONTROLS WILL BE INSTALLED AT LEAST 5 FEET APART UNLESS LIMITED BY LACK OF AVAILABLE SPACE. SEDIMENTATION TREATMENT CHEMICALS: NOT APPLICABLE; USE OF SEDIMENTATION TREATMENT
- CHEMICALS (E.G., POLYMERS, FLOCCULANTS, ETC.) IS NOT ANTICIPATED AS PART OF THE PROJECT.
- TEMPORARY SEDIMENT BASIN(S): THE PROJECT WILL NOT INCLUDE 10 OR MORE ACRES OF DISTURBED SOIL DRAINING TO A COMMON LOCATION OR 5 OR MORE ACRES DRAINING TO A COMMONLOCATION WITHIN 1 MILE OR A SPECIAL OR IMPAIRED WATER THEREFORE TEMPORARY SEDIMENT BASINS ARE NOT REQUIRED.

### 4.3 DEWATERING AND BASIN DRAINING:

- a. THE FOLLOWING WILL BE USED TO TREAT/DISPOSE OF TURBID OR SEDIMENT-LADEN WATER DURING DEWATERING: FILTER BAGS, OR EQUIVALENT MEASURES.
- THE FOLLOWING WILL BE USED TO PREVENT EROSION OR SCOUR OF DISCHARGE POINTS DURING DEWATERING OR BASIN DRAINING: RIPRAP OR TURF REINFORCEMENT MAT, OR EQUIVALENT c. FILTERS FOR BACKWASH WATER WILL BE MANAGED ON THE SITE OR PROPERLY DISPOSED OF BY:
- HAULING OFF SITE OR EQUIVALENT MEASURES.
- 4.4 BMP DESIGN FACTORS: THE FOLLOWING BMP DESIGN FACTORS HAVE BEEN CONSIDERED IN DESIGNING THE TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL BMPS:
- EXPECTED AMOUNT, FREQUENCY, INTENSITY, AND DURATION OF PRECIPITATION: APPROXIMATELY 2.4 INCHES OF PRECIPITATION FROM THE 1-YEAR, 24 HOUR STORM EVENT (ATLAS 14).
- NATURE OF STORMWATER RUNOFF AND RUN-ON AT THE SITE, INCLUDING FACTORS SUCH AS EXPECTED FLOW FROM IMPERVIOUS SURFACES, SLOPES, AND SITE DRAINAGE FEATURES: RUN OFF FROM EXISTING PAVED ROAD DITCHES.
- STORMWATER VOLUME, VELOCITY, AND PEAK FLOW RATES TO MINIMIZE DISCHARGE OF POLLUTANTS IN STORMWATER AND TO MINIMIZE CHANNEL AND STREAMBANK EROSION AND SCOUR IN THE
- IMMEDIATE VICINITY OF DISCHARGE POINTS: RIPRAP PROTECTION AT RUN OFF DISCHARGE POINTS RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT: CLAY, SANDY CLAY, SANDY SILT, SILTY SAND, SAND, AND GRAVEL.

(SEE PAGE 2 OF 2)

NOT FOR CONSTRUCTION CAPITAL IMPROVEMENT PROJECT (CIP) 23/62-0282.26 IENT PROJECT No

DRAFT

MAINTENANCE/REPAIRS 2025 STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PAGE 1 OF 2

RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

10/28/2024 GWB GGN JNB

### 5.0 PERMANENT STORMWATER MANAGEMENT SYSTEM:

A PERMENANCT STORMWATER MANAGEMENT SYSTEM IS REQUIRED IF THE PROJECT RESULTS IN ONE ACRE OR MORE OF NEW IMPERVIOUS SURFACES OR RESULTS IN A NET INCREASE OF ONE OR MORE ACRES OF CUMMULATIVE NEW IMPERVIOUS SURFACES IN TOTAL OR IF THE PROJECT IS PART OF A LARGER PLAN OF DEVELOPMENT.

 $\underline{5.1}$  A PERMANENT STORMWATER TREATMENT SYSTEM IS NOT REQUIRED FOR THIS PROJECT, THERE WILL BE NO INCREASE IMPERVIOUS SURFACE.

5.6 THIS PROJECT DOES NOT DISCHARGE TO A TROUT STREAM (OR A TRIBUTARY TO A TROUT STREAM).

### 6.0 INSPECTION AND MAINTENANCE ACTIVITIES:

6.1 PERSONS WITH REQUIRED TRAINING: TRAINED INDIVIDUALS INCLUDE THOSE PARTIES RESPONSIBLE FOR INSTALLING, SUPERVISING, REPAIRING, INSPECTING, AND MAINTAINING EROSION PREVENTION AND SEDIMENT CONTROL BMPS AT THE SITE. TRAINED INDIVIDUALS ARE ALSO RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP AND COMPLIANCE WITH THE GENERAL PERMIT UNTIL THE CONSTRUCTION ACTIVITIES ARE COMPLETE, PERMANENT COVER HAS BEEN ESTABLISHED, AND A NOTICE OF TERMINATION (NOT) HAS BEEN SUBMITTED.

THESE INDIVIDUALS WILL BE TRAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GENERAL PERMIT, INCLUDING THE REQUIREMENT THAT THE CONTENT AND EXTENT OF TRAINING WILL BE COMMENSURATE WITH THE INDIVIDUAL'S JOB DUTIES AND RESPONSIBILITIES.

BELOW IS A LIST OF PEOPLE RESPONSIBLE FOR THIS PROJECT WHO ARE KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMPS.

TRAINED INDIVIDUAL ERIC FITZGERALD BARR ENGINEERING CO. 4300 MARKETPOINTE DR. BLOOMINGTON, MN 55435 OFFICE: 952-832-3686 CELL: 608-345-0748 EFITZGERALD@BARR.CON	RESPONSIBILITY REPARATION OF THE SWPPP	TRAINING ENTITY* DESIGN OF CONSTRUCTION SWPPP UNIVERSITY OF MINNESOTA	TRAINING DATE MAY 2023
GREG NELSON BARR ENGINEERING CO. 4300 MARKETPOINTE DR. BLOOMINGTON, MN 55435 OFFICE: 952-832-2770 CELL: 612-599-8889	OVERSIGHT OF SWPPP IMPLEMENTA- TION, REVISION, AND AMMENDMENT	CONSTRUCTION SITE MANA- GEMENT BARR ENGINEERING	MAY 2024

[INSERT NAME] PERFORMANCE OF SWPPP INSPECTIONS [INSERT ENTITY] [INSERT DATE]

[INSERT NAME] PERFORMANCE OR SUPERVISION OF [INSERT ENTITY] [INSERT DATE]

INSTALLATION. MAINTENANCE. AND

REPAIR OF BMPS

\*TRAINING DOCUMENTATION AVAILABLE UPON REQUEST.

EMAIL TBD

6.2 FREQUENCY OF INSPECTIONS: A TRAINED PERSON WILL ROUTINELY INSPECT THE ENTIRE CONSTRUCTION SITE.

- AT LEAST ONCE EVERY 7 DAYS DURING ACTIVE CONSTRUCTION
- WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS

INSPECTION FREQUENCY MAY BE ADJUSTED UNDER THE FOLLOWING CIRCUMSTANCES:

- WHERE PARTS OF THE CONSTRUCTION AREAS HAVE PERMANENT COVER, BUT WORK REMAINS ON OTHER PARTS
  OF THE SITE. INSPECTIONS OF THE AREAS WITH PERMANENT COVER MAY BE REDUCED TO ONCE PER MONTH.
- WHERE CONSTRUCTION AREAS HAVE PERMANENT COVER AND NO CONSTRUCTION ACTIVITY IS OCCURRING ON
  THE SITE, INSPECTIONS CAN BE REDUCED TO ONCE PER MONTH AND, AFTER 12 MONTHS, MAY BE SUSPENDED
  COMPLETELY UNTIL CONSTRUCTION ACTIVITY RESUMES.
- WHERE CONSTRUCTION ACTIVITY HAS BEEN SUSPENDED DUE TO FROZEN GROUND CONDITIONS, THE
  INSPECTIONS MAY BE SUSPENDED. THE REQUIRED INSPECTIONS AND MAINTENANCE SCHEDULE MUST BEGIN
  WITHIN 24 HOURS AFTER RUNOFF OCCURS AT THE SITE OR UPON RESUMING CONSTRUCTION, WHICHEVER
  COMES FIRST.

6.3 INSPECTION REQUIREMENTS: EACH CONSTRUCTION STORMWATER SITE INSPECTION WILL INCLUDE INSPECTION OF THE FOLLOWING AREAS:

- ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPS AND POLLUTION PREVENTION MANAGEMENT MEASURES
- SURFACE WATERS FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION
- CONSTRUCTION SITE VEHICLE EXIT LOCATIONS FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING
- STREETS AND OTHER AREAS ADJACENT TO THE PROJECT FOR EVIDENCE OF OFF SITE ACCUMULATIONS OF SEDIMENT

6.4 MAINTENANCE REQUIREMENTS: MAINTENANCE OF THE FOLLOWING AREAS AND BMPS WILL BE PERFORMED AS FOLLOWS:

- NONFUNCTIONAL BMPS WILL BE DEPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPS BY THE END
  OF THE NEXT BUSINESS DAY AFTER DISCOVERY OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
- PERIMETER CONTROL DEVICES WILL BE REPAIRED, REPLACED, OR SUPPLEMENTED WHEN THEY BECOME
- NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE DEVICE.

   TEMPORARY AND PERMANENT SEDIMENTATION BASINS WILL BE DRAINED AND THE SEDIMENT REMOVED WHEN
- THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME.

  DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS WILL BE REMOVED, AND THE AREAS WHERE SEDIMENT
- DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS WILL BE REMOVED, AND THE AREAS WHERE SEDIMENT REMOVAL RESULTS IN EXPOSED SOIL WILL BE RE-STABILIZED. THE REMOVAL AND STABILIZATION WILL BE COMPLETED WITHIN 7 CALENDAR DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. IF PRECLUDED DUE TO ACCESS CONSTRAINTS, REASONABLE EFFORTS TO

OBTAIN ACCESS WILL BE USED. REMOVAL AND STABILIZATION WILL TAKE PLACE WITHIN 7 CALENDAR DAYS OF OBTAINING ACCESS.

- TRACKED SEDIMENT ON PAVED SURFACES WILL BE REMOVED WITHIN 1 CALENDAR DAY OF DISCOVERY
- AREAS UNDERGOING STABILIZATION WILL BE RESTABILIZED AS NECESSARY TO ACHIEVE REQUIRED COVER.

6.5 RECORDKEEPING REQUIREMENTS

- 1. ALL INSPECTIONS AND MAINTENANCE ACTIVITIES WILL BE RECORDED IN WRITING WITHIN 24 HOURS OF BEING CONDUCTED AND THESE RECORDS WILL BE RETAINED WITH THE SWPPP. RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY WILL INCLUDE THE DATE AND TIME; NAME OF INSPECTOR(S); FINDINGS OF INSPECTIONS CORRECTIVE ACTIONS (INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES); AND DATE OF ALL RAINFALL EVENTS GREATER THAN 0.5 INCHES IN 24 HOURS AND THE AMOUNT OF RAINFALL FOR EACH EVENT.
  - a. If ANY DISCHARGE IS OBSERVED DURING THE INSPECTION, THE LOCATION AND APPEARANCE OF THE DISCHARGE (I.E., COLOR, ODOR, SETTLED OR SUSPENDED SOLIDS, OIL SHEEN, AND OTHER OBVIOUS INDICATORS OF POLLUTANTS) WILL BE DOCUMENTED AND A PHOTOGRAPH WILL BE TAKEN.
- THE SWPPP WILL BE AMENDED TO INCLUDE ADDITIONAL OR MODIFIED BMPS TO CORRECT PROBLEMS OR
  ADDRESS SITUATIONS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE,
  WEATHER, OR SEASONAL CONDITIONS THAT HAS A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO
  SURFACE WATERS OR GROUNDWATER.
  - a. THE SWPPP WILL BE AMENDED WHEN INSPECTIONS OR INVESTIGATIONS BY THE SITE OWNER, OPERATOR, OR CONTRACTORS OR BY USEPA/MPCA OFFICIALS INDICATE THAT THE SWPPP IS NOT EFFECTIVE IN ELIMINATING OR MINIMIZING THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR GROUNDWATER; THE DISCHARGES ARE CAUSING WATER QUALITY STANDARD EXCEEDANCES; OR THE SWPPP IS NOT CONSISTENT WITH A USEPA APPROVED TMDL.
  - . ANY AMENDMENTS TO THE SWPPP PROPOSED AS A RESULT OF THE INSPECTION WILL BE DOCUMENTED AS REQUIRED WITHIN 7 CALENDAR DAYS.
  - c. AMENDMENTS WILL BE COMPLETED BY AN APPROPRIATELY TRAINED INDIVIDUAL. CHANGES INVOLVING THE USE OF A LESS STRINGENT BMP WILL INCLUDE A JUSTIFICATION DESCRIBING HOW THE REPLACEMENT BMP IS EFFECTIVE FOR THE SITE CHARACTERISTICS.
- RECORDS RETENTION: THE SWPPP, INCLUDING ALL CHANGES TO IT, AND INSPECTION AND MAINTENANCE RECORDS WILL BE KEPT AT THE SITE DURING CONSTRUCTION BY THE PERMITTEE WHO HAS OPERATIONAL CONTROL OF THE SITE. THE SWPPP CAN BE KEPT IN EITHER A FIELD OFFICE OR IN AN ON SITE VEHICLE DURING NORMAL WORKING HOURS.
- I. RECORD AVAILABILITY: THE PERMITTEES WILL MAKE THE SWPPT ACLUDING INSPECTION REPORTS, MAINTENANCE RECORDS, AND TRAINING RECORDS, AVAILABLE TO FEDERAL, STATE, AND LOCAL OFFICIALS WITHIN THREE DAYS UPON REQUEST FOR THE DURATION OF THE PERMIT COVERAGE AND FOR THREE YEARS FOLLOWING THE NOTICE OF TERMINATION.
- 5. COPIES OF INSPECTION RECORDS FOR THE TIME L. DOOR AT PAYMENT APPLICATION SHALL ACCOMPANY THE PAYMENT APPLICATION TO THE RAMSE WASHIN FOR M. TRO WATER SHED DISTRICT.

### 7.0 POLLUTION PREVENTION MEASURES:

- ANY CONSTRUCTION PROCESS. A LANDSCAP MATERIALS THAT HAVE THE POTENTIAL LEACH POLLUTANTS WILL BE STURED UNDER COVER (E.C. LASTIC SHEETING OR TEMPORALY ROLLS) TO PREVIOUS DISCHARGE OF POLLUTIANTS THROUGH MINIMIZATION OF CONTACT WITH STOTE WATER. STO, I GE OF SULH MATERIALS WILL BE MINIMIZED TO THE EXTENT A SSIBLE.
- 2. PESTICIPE RTILIZER AND TREAT ENT CHEMICALS WILL BE STOT JUND R COLOR (E.G., P. S. SHEETING, TEN ORARY ROSES, WIT IN A BUILDING, OR IN WEATHER PROOF COLOR (E.G., P. S. VENT DISCHARGE OF CLUTANTS JGH MINIMIZATION OF CONJUCT VITH STORM, ATER. ST RAGE OF SUCH MATERIALS WITH. THE PROJECT AREA WILL BE MINIMIZED TO THE EX INT POSSILE.
- 3. HAZARDOUS MATE: ALS AND TOXIC WASTE (E.G., OILL ISSEL FUEL, GAS L'INE, HYD. JULIC FLUIDS, PAINT SOLVENTS, PETROL, JM-BASED PRODUCTS, WOOD PF IS. VATIVES, ADL TIVES, CURING COMPOUNDS, AND ACIDS) WILL BE STORED AND DISPOSED OF IN COMPLI, ICE. TH MINNESS A RULES CHAPTER 7045, INCLUDING SECONDARY CONTAINMENT (AS APPLICATED MAZARD US MADE SHALLS WILL BE PROPERLY STORED IN SEALED CONTAINERS TO PREVENT SPILLS, L'INS, OR C. VIER DISPARCES, ND PREVENT PRECIPITATION FROM FALLING ONTO THE CONTAINERS OR STORES HAZARDOUS VATE IALS.
- CONTAINERS TO PREVENT SPILLS, L'EAS, OR CHER D'HARGÈS, ND PREVENT PRECIPITATION FROM FALLING ONTO THE CONTAINERS OR STORE, HAZARDOUS, HATE ALS.

  SOLID WASTE VILL BE COLLECTED, SI DRED, AND SPOLED OF PROPERLY IN COMPLIANCE WITH MINNESOTA RULES CHAPTER 7035, TO SINCE DESIGNAGE WITHIN COVERED TRASH CONTAINERS AND DAILY REMOVAL OF LITTER AND DEBRIS. SI DRAGE OF SOLID WASTEY, THIN THE PROJECT AREA WILL BE MINIMIZED TO THE EXTENT DROSSUE.
- PORTABLE TOILE WILL IT SCATED AWAS FROM SURFACE WATERS AND POSITIONED AND SECURED TO THE GROUND SO THEY LILL N. BE TIPPED OR KNOCKED OVER. SANITARY WASTE WILL BE DISPOSED OF IN ACCOR. ANCE WITH LINNE DTA RULES, CHAPTER 7041. PORTABLE TOILETS WILL BE PERIODICALLY EMPTIED AND THE VASTE HAD. TO OR SITE BY A LICENSED HAULER.
- 5. VEHICLE ELING WILL ONLY OCCUR IN DESIGNATED AREAS, SPILL KITS SIZED APPROPRIATELY FOR THE AMOUNT OF REFUEL STAKING PLACE WILL BE LOCATED. SPILL KITS WILL BE CLEARLY LABELED AND CONTAIN MATERIALS OF THE SPILLS CLEANUP INCLUDING ABSORBENT PADS, BOOMS FOR CONTAINING SPILLS, AND HEAVY-DUTY PROTECTIVE GLOVES. SPILLS WILL BE REPORTED TO THE MINNESOTA DUTY OFFICER AS REQUIRED BY MINNESOTA STATUTES, SECTION 115.061.
  - a. ANY FUEL TANKS BROUGHT ON-SITE WILL HAVE PROPERLY SIZED CONTAINMENT AND WILL NOT BE TOPPED OFF TO AVOID SPILLS FROM OVERFILLING. FUEL TANKS WILL MEET INDUSTRY STANDARDS (DESIGNED TO HOLD FUEL TYPE, PROPERLY MAINTAINED, NOT ILLEGALLY MODIFIED, NOT MISSING LEAK INDICATOR FLOATS FOR DOUBLE WALLED TANKS, SIGHT GAUGES NOT USED, ETC.) OR BE REMOVED FROM THE WORK AREA
  - b. GUIDELINES FOR SPILL PREVENTION AND RESPONSE INCLUDE:
    - TAKE REASONABLE STEPS TO PREVENT THE DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS OR FUEL WILL BE LOADED OR UNLOADED, INCLUDING THE USE OF DRIP PANS OR ABSORBENTS UNLESS INFEASIBLE;
    - PERFORM REGULAR PREVENTATIVE MAINTENANCE ON TANKS AND FUEL LINES.
    - INSPECT PUMPS, CYLINDERS, HOSES, VALVES, AND OTHER MECHANICAL EQUIPMENT ON-SITE FOR DAMAGE OR DETERIORATION;
    - DO NOT WASH OR RINSE FUELING AREAS WITH WATER;
    - MAINTAIN ADEQUATE SUPPLIES TO CLEAN UP DISCHARGED MATERIALS AND PROVIDE AN APPROPRIATE DISPOSAL METHOD FOR RECOVERED SPILLED MATERIALS;
    - REPORT AND CLEAN UP SPILLS IMMEDIATELY AS REQUIRED BY MINNESOTA STATUTES, SECTION
    - 115.061, USING DRY CLEAN UP MEASURES WHERE POSSIBLE; AND MAINTAIN COPIES OF SAFETY DATA SHEETS (SDSS) FOR HAZARDOUS MATERIALS ON-SITE IN LOCATIONS READILY AVAILABLE TO EMERGENCY RESPONDERS.
- 7. IF VEHICLE AND EQUIPMENT WASHING IS NECESSARY, A VEHICLE WASH STATION WILL BE LOCATED IN A DESIGNATED AREA. RUNOFF FROM THE WASHING AREA WILL BE CONTAINED IN A SEDIMENT BASIN AND WASTE FROM THE WASHING ACTIVITY WILL BE PROPERLY DISPOSED OF. ANY SOAPS, DETERGENTS, OR SOLVENTS WILL BE PROPERLY USED AND STORED. ANY DETERGENTS AND OTHER CLEANERS NOT PERMITTED FOR DISCHARGE WILL NOT BE USED.

 THE PROJECT WILL RESULT IN CONCRETE OR OTHER WASHOUT ACTIVITIES, CONCRETE SUPPLIERS SHALL HAV SELF CONTAINMENT WASH OUT EQUIPMENT AND A DESCRIPTION OF THE STORAGE AND DISPOSAL OF CONCRE AND OTHER WASHOUT WASTES SO THAT WASTES DO NOT CONTACT THE GROUND.

### 8.0 PERMANENT COVER AND PERMIT TERMINATION CONDITIONS:

- THE AREAS DISTURBED DURING CONSTRUCTION WILL BE STABILIZED WITH PERMANENT COVER UPON
  COMPLETION OF WORK, PERMANENT COVER MAY BE VEGETATIVE OR NON-VEGETATIVE, AS APPROPRIATE.
  ESTABLISHMENT OF PERMANENT COVER MAY INCLUDE THE FOLLOWING ACTIVITIES: A COMBINATION OF SEEDING
  AND EROSION CONTROL BLANKET.
- FOR A CONSTRUCTION-SITE TO ACHIEVE "PERMANENT COVER", THE FOLLOWING REQUIREMENTS MUST BE COMPLETED PRIOR TO TERMINATION OF PERMIT COVERAGE:
  - a. ALL SOIL DISTURBING CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND PERMANENT COVER HAS BEEN INSTALLED OVER ALL AREAS. VEGETATIVE COVER CONSISTS OF A UNIFORM PERENNIAL VEGETATION WITH A DENSITY OF 70% OF ITS EXPECTED FINAL GROWTH, VEGETATION IS NOT REQUIRED WHERE THE FUNCTION OF A SPECIFIC AREA DICTATES NO VEGETATION (SUCH AS IMPERVIOUS SURFACES OR THE BASE OF A SAND FILTERS).
  - ALL SEDIMENT HAS BEEN REMOVED FROM CONVEYANCE SYSTEMS, INCLUDING CULVERTS.
  - c. ALL TEMPORARY SYNTHETIC EXISSION PREVENTION AND SEDIMENT CONTROL BMPS HAVE BEEN REMOVED. BMPS DESIGNED TO DECOMPOSE ON-SITE MAY BE LEFT IN PLACE.

WITHIN 30 DAYS AFTER THE TERMINATION CONDITIONS ARE COMPLETE, A NOTICE OF TERMINATION (NOT) FORM WILL BE SUBMITTED TO THE MPCA.

DRAFT NOT FOR CONSTRUCTION

A EMO GWB BJL 10/28/2024 RELEASED FOR PROJECT CONSIDERATION

NO. BY CHK, APP. DATE REVISION DESCRIPTION

| HEREBY CERTIFY THAT THIS FLAM, SPECIFICATION, OR REPORT WAS PRESAMED BY MEETING THAT THE STAM, SPECIFICATION, OR BID | SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. | PRINTED NAME | PROJECT CONSIDERATION | SIGNATURE | SIGNATURE | RELEASED | A B 0 1 2 3 4 Corp. Minn REVISION DESCRIPTION | DATE RELEASED | Ph: TO/FOR | DATE RELEASED | Ph: TO/FOR | TO/FOR | DATE RELEASED | Ph: TO/FOR | TO/FOR

BARR

Corporate Headquarters:
Minneapolis, Minneapols
Ph: 1-800-632-2277

Project Office:

BARR ENGINEERING CO.

4300 MARKETPOINTE DRIVE
Suite 200

MINNEAPOLIS, MN 55435

 Scale
 AS SHOWN

 Date
 10/28/2024

 Drawn
 GWB

 Checked
 GGN

 Designed
 JNB

 Approved
 BJL

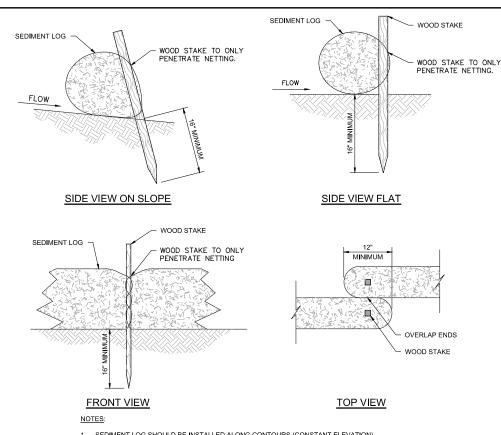


CAPITAL IMPROVEMENT PROJECT (CIP)
MAINTENANCE/REPAIRS 2025

STORMWATER POLLUTION PREVENTION PLAN
(SWPPP) PAGE 2 OF 2

BARR PROJECT No.
23/62-0282.26
CLIENT PROJECT No.

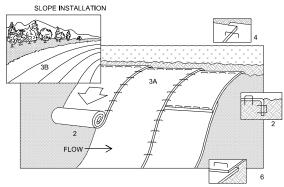
DWG. No. REV. No. G-03 A



1. SEDIMENT LOG SHOULD BE INSTALLED ALONG CONTOURS (CONSTANT ELEVATION).

- 2. NO GAPS SHALL BE PRESENT UNDER SEDIMENT LOG. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
- 3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN REACHING 1/2 OF LOG HEIGHT.
- 4. SEDIMENT LOG SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIRED OR REPLACED AS REQUIRED.



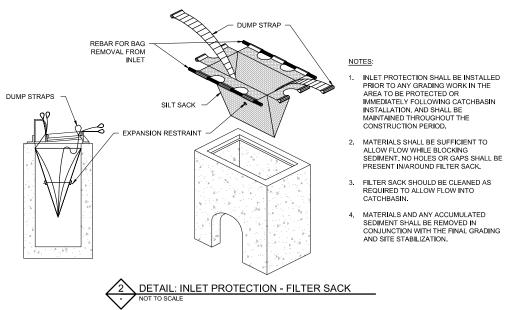


DATE

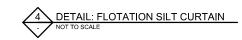
- 1. REFER TO MANUFACTURER RECOMMENDATIONS FOR STAPLE PATTERNS FOR SLOPE INSTALLATIONS
- 2. PREPARE SOIL BY LOOSENING TOP 1-2 INCHES AND APPLY SEED (AND FERTILIZER WHERE REQUIRED) PRIOR TO INSTALLING BLANKETS. GROUND SHOULD BE SMOOTH AND FREE OF DEBRIS
- 3. BEGIN (A) AT THE TOP OF THE SLOPE AND ROLL THE BLANKETS DOWN OR (B) AT ONE END OF THE SLOPE AND ROLL THE BLANKETS HORIZONTALLY ACROSS THE SLOPE.
- 4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP, WITH THE UPHILL BLANKET ON TOP.
- 5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY
- 6. BLANKET MATERIALS SHALL BE AS SPECIFIED OR AS APPROVED BY ENGINEER.

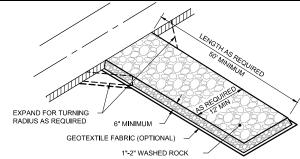
REVISION DESCRIPTION





- 6" MAXIMUM FOR WATER DEPTHS UP TO 3'-0" DEEP AND 1'-0" MAXIMUM FOR DEPTHS OVER 3'-0".
- 24 LB (MIN.) ANCHOR @ 100'-0" O.C. SPACING (MAX.) ELIMINATE ANCHOR AND ANCHOR CABLE FOR WATER DEPTHS LESS THAN 3'-0" OR DISTANCE BETWEEN SHORE ANCHORS FOR TENSION CABLE OF LESS THAN 100'-0".
- 5/16"Ø (MIN.) TENSION CABLE. ANCHOR TENSION CABLE AT BOTH SIDES WITH STEEL POSTS OF DIAMETER AND LENGTH TO PREVENT BENDING AND PULL-OUT.
- 4. 22 OZ VINYL COATED NYLON FABRIC CURTAIN.
- FLOAT 8" MINIMUM DIAMETER PLASTIC SEGMENTS.
- CURTAIN WEIGHT CONTINUOUS GALVANIZED STEEL CHAIN 5/16"Ø (MIN.), OR SEGMENTS OF 5/16"Ø STEEL CABLE 24" LONG @ 12" O.C. BETWEEN PIECES. CURTAIN WEIGHT TO BE HEAVY ENOUGH TO HOLD CURTAIN VERTICAL IN CURRENT AND WAVES
- 5/16"Ø (MIN.) GALVANIZED CABLE. ATTACH CABLE TO TENSION CABLE AND ANCHOR.

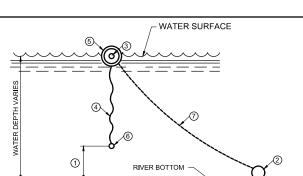




### NOTES:

- 1. ENTRANCE SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIRED OR REPLACED AS REQUIRED TO PREVENT
- 2. ENTRANCE SHALL BE REMOVED IN CONJUNCTION WITH FINAL GRADING AND SITE STABILIZATION.
- 3. PROTECTION OF CURB & GUTTER, TRAILS AND SIDEWALKS DUE TO CONTRUCTION ENTRANCE LOCATION SHALL BE CONSIDERED

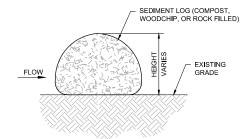




GOPHER STATE

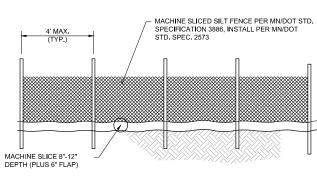
GOPHER STATE ONE CALL: CALL BEFORE YOU DIG. 1-800-252-1166

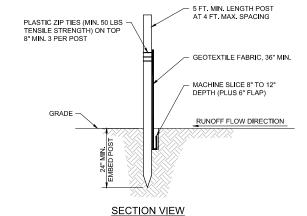
CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD-LOCATING ALL SITE UTILITIES, PRIVATE AND PUBLIC, PRIOR TO STARTING THE WORK. ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED BY CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER.



- STAKE FREE SEDIMENT LOG TO BE USED IN AREAS THAT ARE RELATIVELY FLAT AND SHOULD BE INSTALLED ALONG CONTOURS (CONSTANT ELEVATION).
- 2. NO GAPS SHALL BE PRESENT UNDER SEDIMENT LOG. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
- 3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN REACHING 1/3 OF LOG HEIGHT.
- 4. SEDIMENT LOG SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIRED OR REPLACED AS REQUIRED.

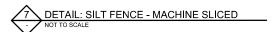






### DOWNSTREAM VIEW

- SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. SILT FENCE AND ANY ACCUMULATED SEDIMENT SHALL BE REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
- 2. SILT FENCE INSTALLATION AND MATERIALS SHALL MEET THE REQUIREMENTS OF MN/DOT SPECIFICATIONS 2573 AND 3886.
- 3. NO HOLES OR GAPS SHALL BE PRESENT IN/UNDER SILT FENCE. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
- 4. WHEN SEDIMENT BUILD UP REACHES 1/3 OF FENCE HEIGHT, THE SILT FENCE SHOULD BE REMOVED OR A SECOND SILT FENCE INSTALLED UPSTREAM OF THE EXISTING FENCE AT A SUITABLE DISTANCE.
- 5. WHEN SPLICES ARE NECESSARY MAKE SPLICE AT POST ACCORDING TO SPLICE DETAIL, PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS TOGETHER AT LEAST 180 DEGREES TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL. CUT THE FABRIC NEAR THE BOTTOM OF THE POSTS TO ACCOMMODATE THE 6 INCH FLAP. THEN DRIVE BOTH POSTS AND BURY THE FLAP. COMPACT BACKFILL.



DRAFT NOT FOR CONSTRUCTION



\_\_LICENSE #

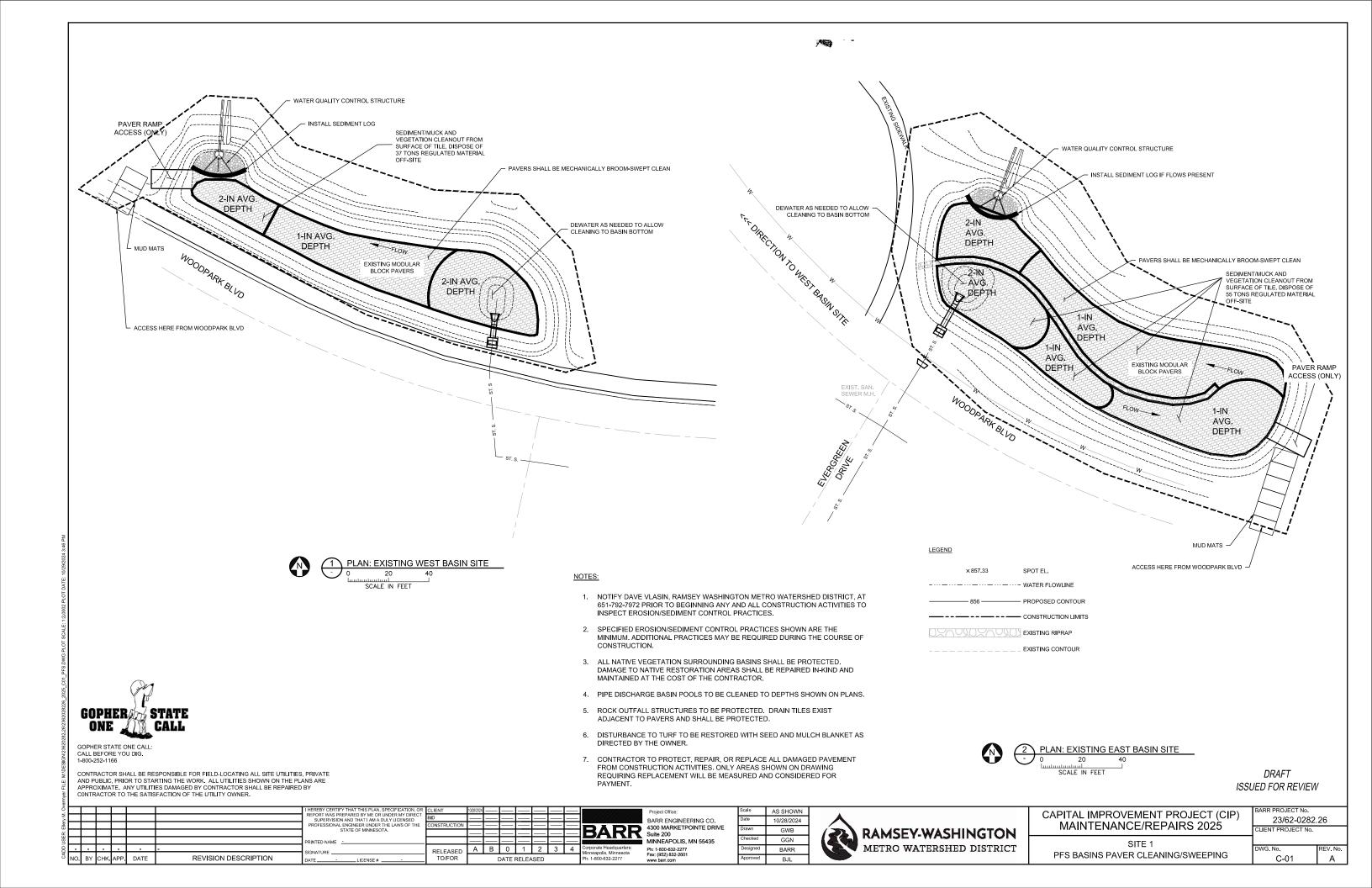
BARR ENGINEERING CO. 4300 MARKETPOINTE DRIVE MINNEAPOLIS, MN 55435

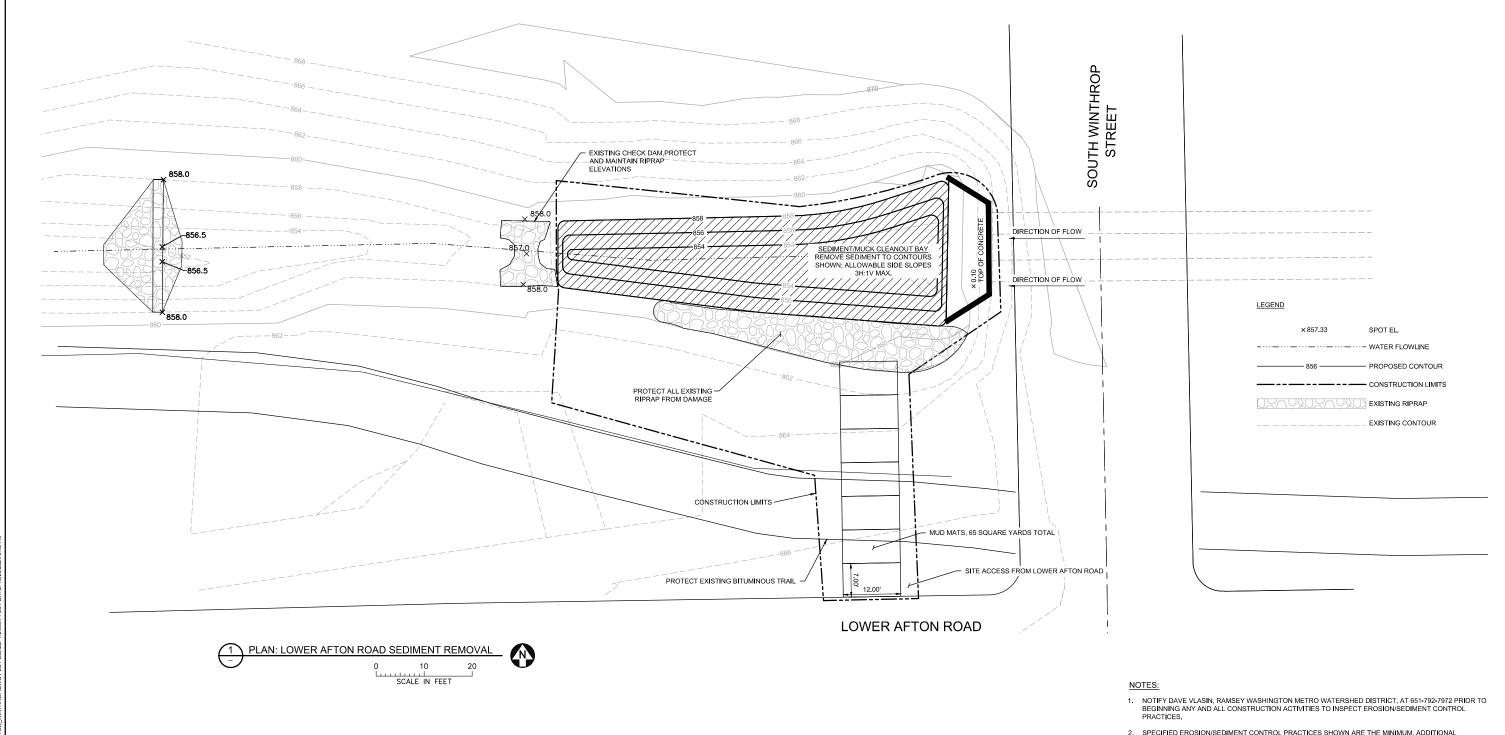
AS SHOWN	I A
10/28/2024	
GWB	RAMSEY-WASHINGTON
GGN	
BARR	METRO WATERSHED DISTRICT
B.II	

### CAPITAL IMPROVEMENT PROJECT (CIP) MAINTENANCE/REPAIRS 2025

**EROSION CONTROL** 

BARR PROJECT No.	
23/62-0282.	26
CLIENT PROJECT No.	
DWG. No.	REV. No







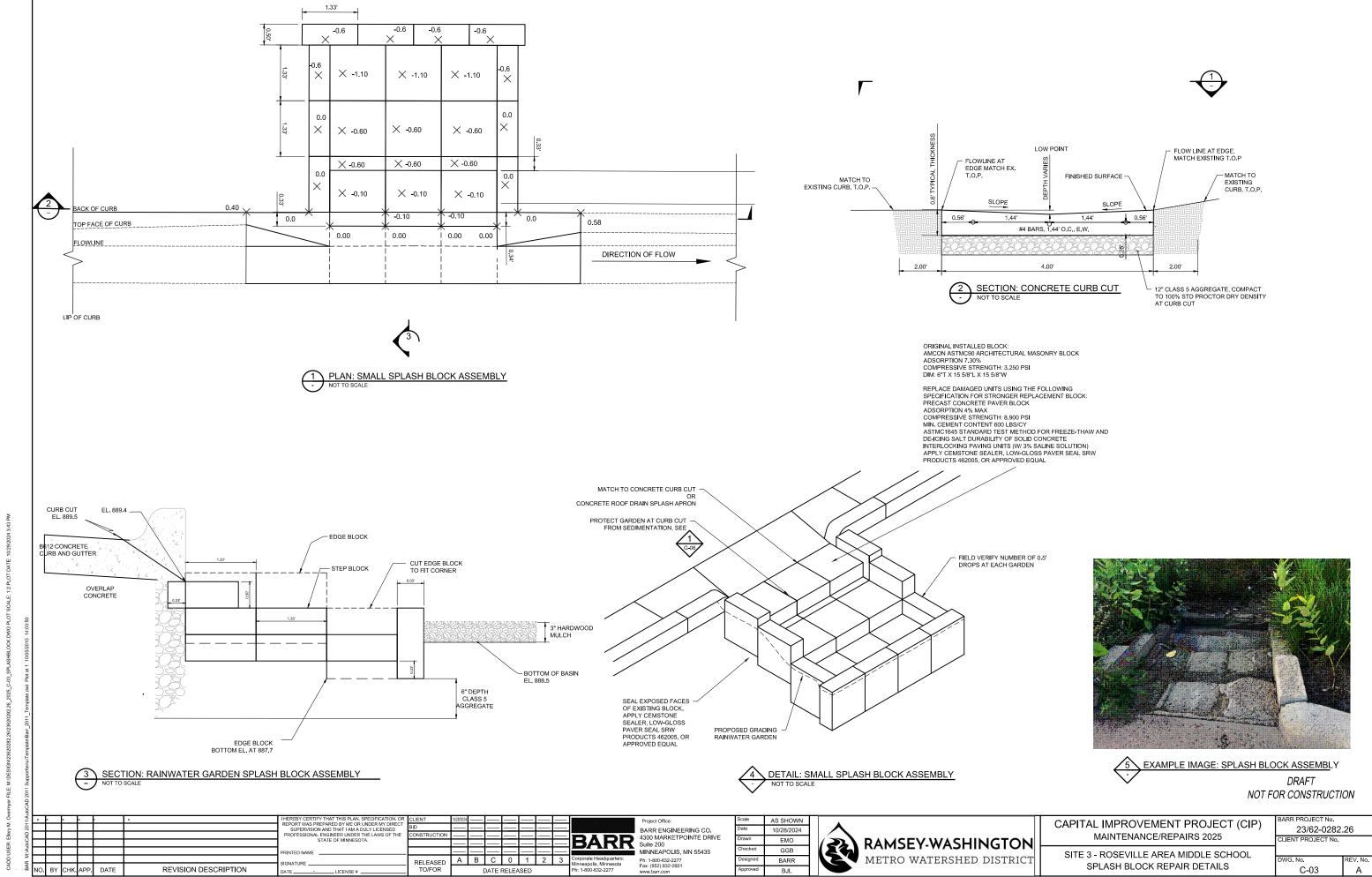
GOPHER STATE ONE CALL: CALL BEFORE YOU DIG. 1-800-252-1166

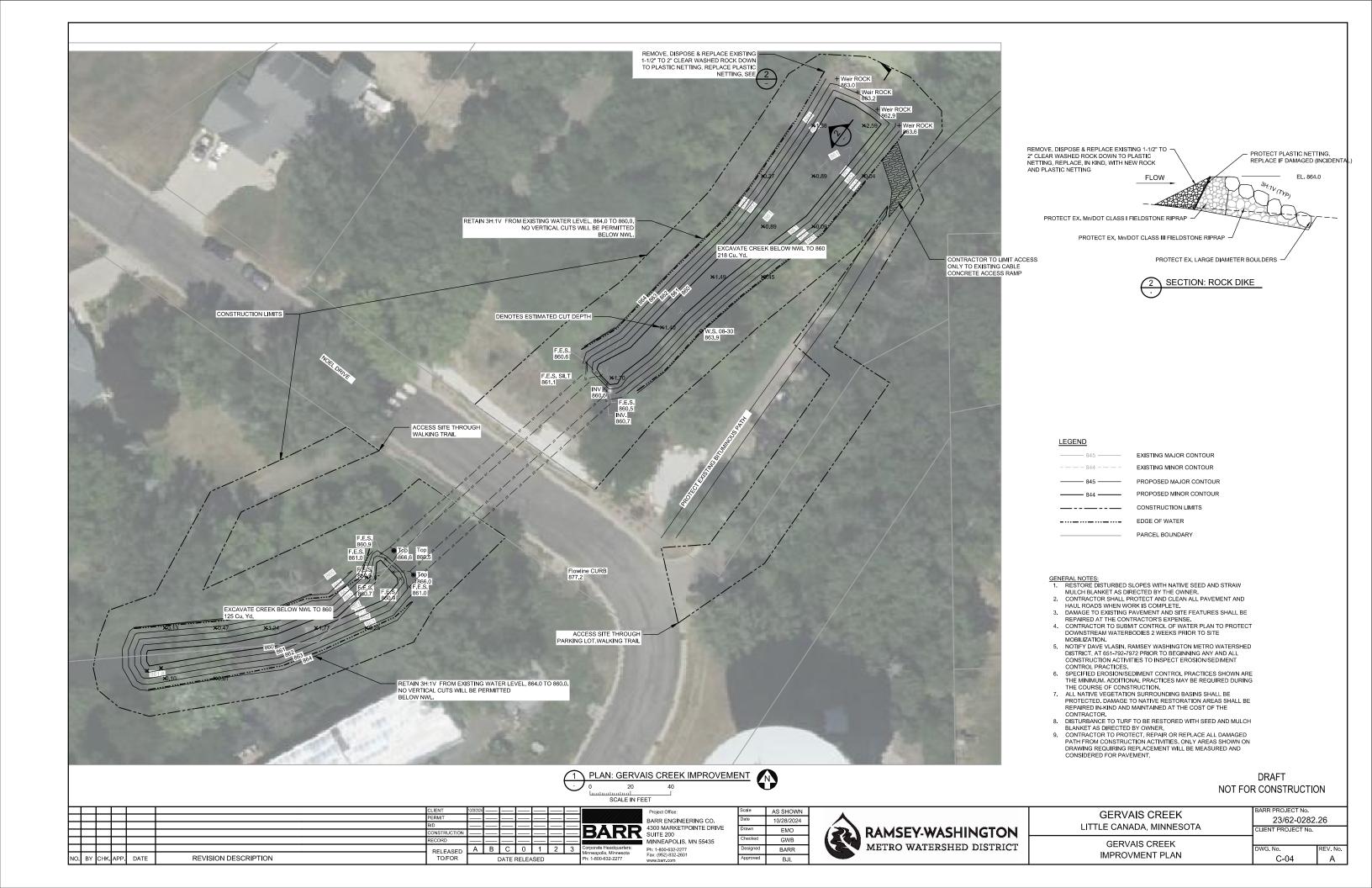
CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD-LOCATING ALL SITE UTILITIES, PRIVATE AND PUBLIC, PRIOR TO STARTING THE WORK, ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED BY CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER.

- SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM, ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.
- 3. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND FIELD VERIFYING ALL UTILITITES.
- ${\bf 4.} \quad {\bf CONTRACTOR} \ {\bf IS} \ {\bf RESPONSIBLE} \ {\bf FOR} \ {\bf RESTORING} \ {\bf ALL} \ {\bf DISTURBED} \ {\bf AREAS.} \ {\bf ONLY} \ {\bf RESTORATION}$
- 5. ONLY AREAS WITHIN THE CONSTRUCTION LIMITS WILL BE CONSIDERED FOR PAYMENT.
- 6. RESTORE DISTURBED SLOPES WITH NATIVE SEED (AS DIRECTED BY OWNER) AND STRAW MULCH BLANKET.
- CONTRACTOR TO PROTECT, REPAIR, OR REPLACE ALL DAMAGED PAVEMENT FROM CONSTRUCTION ACTIVITIES, ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAYMENT.

DRAFT ISSUED FOR REVIEW

/erm/																	
Ó					I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OF	CLIENT	10/28/2024 — — —			Project Office:	Scale	AS SHOWN			CAPITAL IMPROVEMENT PROJECT (CIP)	BARR PROJECT No.	
5	$\vdash$	-	$\bot$		SUPERVISION AND THAT I AM A DULY LICENSED	BID		_ _ _		BARR ENGINEERING CO.	Date	10/28/2024	_			23/62-0282	26
ă	$\vdash$	-	+ +		PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	CONSTRUCTION	<del>                                     </del>	_ _		4300 MARKETPOINTE DRIVE	Drawn	GWB	1	DANGEWWA CHINICTON	MAINTENANCE/REPAIRS 2025	CLIENT PROJECT No.	
SER	$\vdash$	-	+ +				<del>                                     </del>		DARK	Suite 200  MINNEAPOLIS, MN 55435	Checked	GGN		RAMSEY-WASHINGTON		-	
Ö	<del></del>	<del>  .   .</del>	<del>                                     </del>		PRINTED NAME =	_	A B 0	1 2 3 /	Corporate Headquarters:		Designed	BARR	(6.7)	METRO WATERSHED DISTRICT	SITE 2 - LOWER AFTON ROAD	DWG. No.	IREV No.
8		-		REVISION DESCRIPTION	SIGNATURE	_ RELEASED TO/FOR	10101	RELEASED	Minneapolis, Minnesota Ph: 1-800-632-2277	Ph: 1-800-632-2277 Fax: (952) 832-2601	<u> </u>	DANN	1	WILLING WALLKSTILD DISTRICT	SEDIMENT REMOVAL	0.00	11.20









GENERAL NOTES:

1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS DIRECTED BY THE OWNER.

2. CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE.

WORK IS COMPLETE.

3. DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

4. CONTRACTOR'S EXPENSE.

5. NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.

6. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

7. ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED. DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR.

8. DISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED BY OWNER.

DIRECTED BY OWNER.
 CONTRACTOR TO PROTECT, REPAIR OR REPLACE ALL DAMAGED PATH FROM CONSTRUCTION ACTIVITIES, ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAVEMENT,

LEGEND

100

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR CONSTRUCTION LIMITS EDGE OF WATER PARCEL BOUNDARY

> DRAFT NOT FOR CONSTRUCTION

A B C 0 1 2 3 RELEASED REVISION DESCRIPTION

BARR ENGINEERING CO. 4300 MARKETPOINTE DRIV SUITE 200 MINNEAPOLIS, MN 55435

	Occirc	AS SHOWN
	Date	10/28/2024
IVE	Drawn	EMO
	Checked	GWB
	Designed	BARR
	Approved	BJL



McKNIGHT BASIN
MAPLEWOOD, MINNESOTA

APLEWOOD, MINNESOTA	
McKNIGHT BASIN	
CLEANOUT PLAN	

BARR PROJECT No.					
23/62-0282.26					
CLIENT PROJECT No.					
DWG. No.	REV. No.				
C-05	Α				



GENERAL NOTES:

1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS DIRECTED BY THE OWNER.

2. CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN

<u>LEGEND</u>

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR CONSTRUCTION LIMITS EDGE OF WATER PARCEL BOUNDARY FLOATING SILT CURTAIN

DIRECTED BY THE OWNER.

CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE.

DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.

NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.

SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES.

SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED. DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR.

BISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED BY OWNER.

CONTRACTOR TO PROTECT, REPAIR OR REPLACE ALL DAMAGED PATH FROM CONSTRUCTION ACTIVITIES. ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAVEMENT,

DRAFT NOT FOR CONSTRUCTION

A B C 0 1 2 3 RELEASED REVISION DESCRIPTION

BARR ENGINEERING CO. 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435

Scale	AS SHOWN	
Date	10/28/2024	
Drawn	EMO	
Checked	GWB	
Designed	BARR	
Approved	BJL	

RAMSEY-WASHINGTON				
METRO WATERSHED DISTRICT				

MAPLE HILLS POND
MAPLEWOOD, MINNESOTA

23/62-0282.26

MAPLE HILLS POND	
IMPROVMENT PLAN	

CLIENT PROJECT No.	
DWG. No.	REV. No.
C-06	Α

BARR PROJECT No.



#### <u>LEGEND</u>

845	EXISTING MAJOR CONTOUR
844	EXISTING MINOR CONTOUR
<del></del>	PROPOSED MAJOR CONTOUR
<del></del>	PROPOSED MINOR CONTOUR
	CONSTRUCTION LIMITS
	EDGE OF WATER
	PARCEL BOUNDARY

GENERAL NOTES:

1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW

RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS DIRECTED BY THE OWNER.
 CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE.
 DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.

4. CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.

5. NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.

6. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

7. ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED, DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR.

8. DISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED BY OWNER.

9. CONTRACTOR TO PROTECT, REPAIR OR REPLACE ALL DAMAGED PATH FROM CONSTRUCTION ACTIVITIES. ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAYEMENT,



BARR ENGINEERING CO. 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435



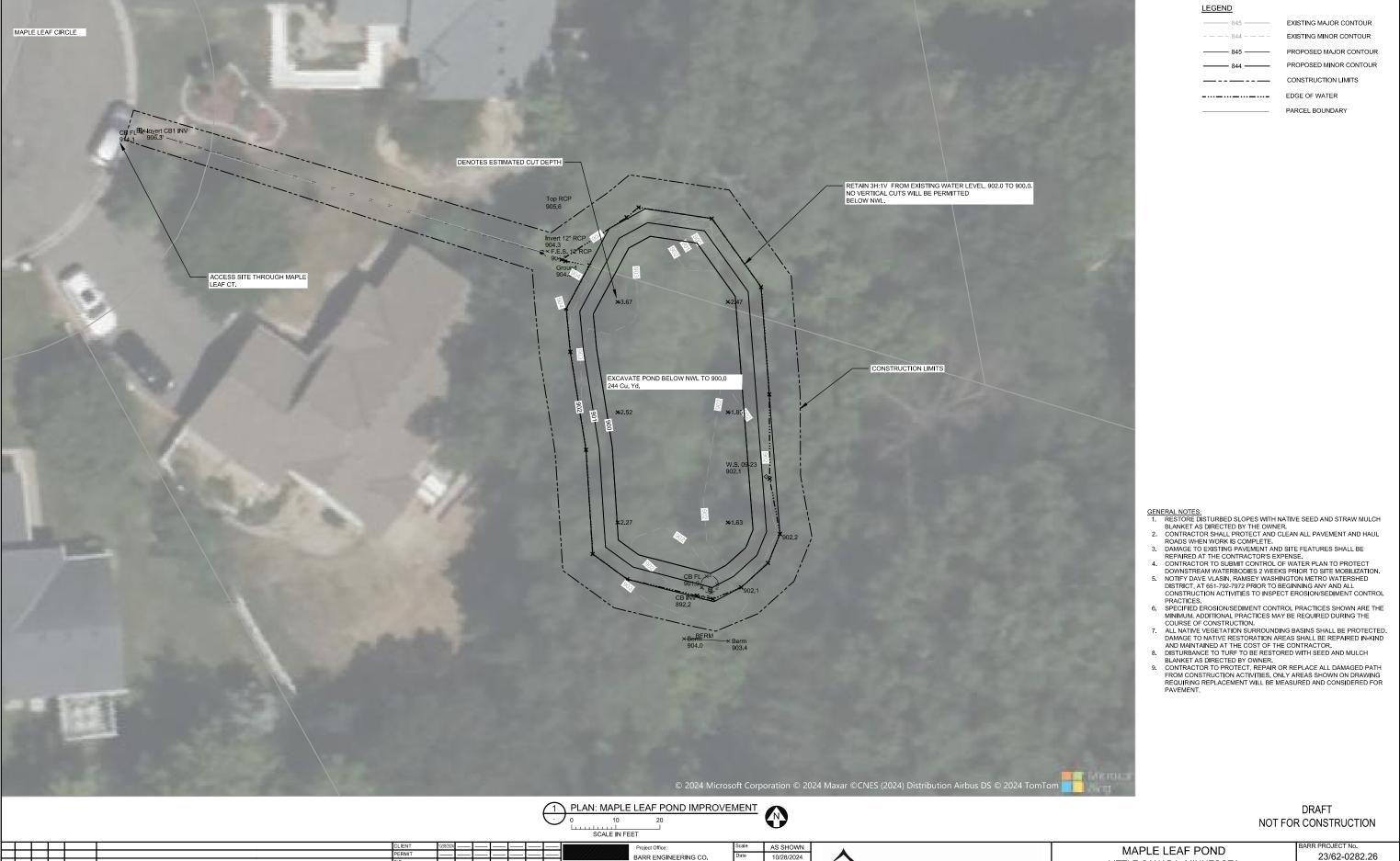
# NOT FOR CONSTRUCTION POND 9

NORTH ST. PAUL, MINNESOTA POND 9 IMPROVMENT PLAN

BARR PROJECT No.				
23/62-0282.26				
CLIENT PROJECT No.				
DWG. No.	REV. No.			

DRAFT

0														
Σ							CLIENT	10/28/2024		_			l	_
ER							BID		_	_				_
Η							CONSTRUCTION		_	_				_
S.							RECORD		_			l		_
USE									_			-		_
8	-		-	-		•	RELEASED	Α	В	С	0	1	2	3
Š	NO.	BY	снк.	APP.	DATE	REVISION DESCRIPTION	TO/FOR			DATE	RELE/	SED		



BARR

RELEASED

REVISION DESCRIPTION

4300 MARKETPOINTE DRIVE SUITE 200

MINNEAPOLIS, MN 55435

EMO

GWB

BARR

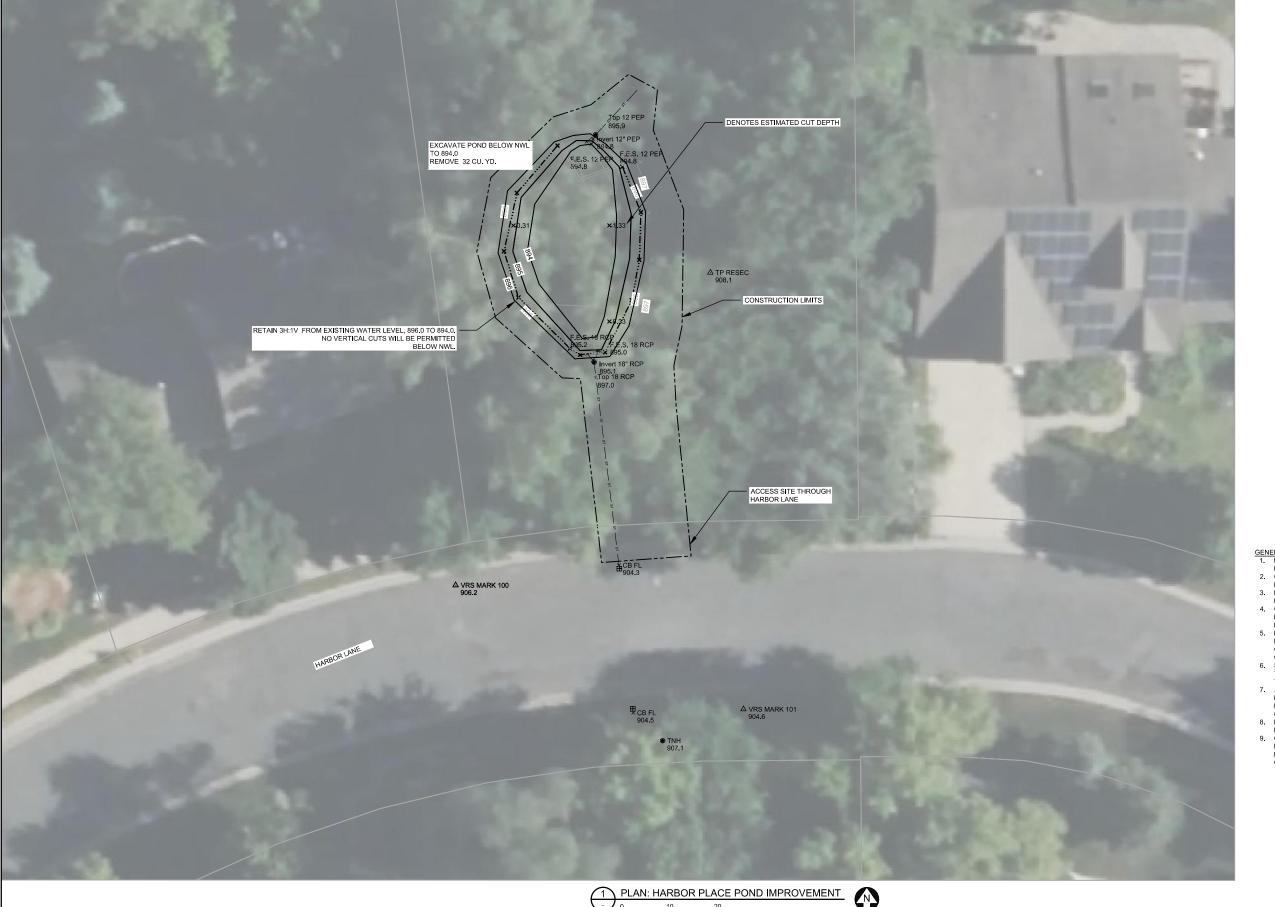
**RAMSEY-WASHINGTON** 

METRO WATERSHED DISTRICT

23/62-0282.26 LITTLE CANADA, MINNESOTA LIENT PROJECT No.

MAPLE LEAF POND

IMPROVMENT PLAN



LEGEND

EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR CONSTRUCTION LIMITS EDGE OF WATER PARCEL BOUNDARY

- GENERAL NOTES:

  1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW

- GENERAL NOTES:

  1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS DIRECTED BY THE OWNER.

  2. CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE:

  3. DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

  4. CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.

  5. NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.

  6. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

  7. ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED. DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR.

  8. DISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED BY OWNER.

  9. CONTRACTOR.

SCALE IN FEET

DRAFT NOT FOR CONSTRUCTION

						CLIENT	10/28/2024		_			_	
						PERMIT			I			l	
						BID					_	l	
						CONSTRUCTION		_		_	_		
						RECORD		_		_	_		
						RELEASED	Α	В	С	0	1	2	3
NO.	BY	снк.	APP.	DATE	REVISION DESCRIPTION	TO/FOR			DATE	RELEA	SED		

	BARR	
3	Corporate Headquarters: Minneapolis, Minnesota	
	Ph: 1-800-632-2277	

Project Office:	Scale	AS SHOWN	Γ
ARR ENGINEERING CO. 300 MARKETPOINTE DRIVE UITE 200 IINNEAPOLIS, MN 55435 n: 1-800-632-2277	Date	10/28/2024	
	Drawn	EMO	l
	Checked	GWB	l
	Designed	BARR	l
ax: (952) 832-2601 ww.barr.com	Approved	BJL	

	10/28/2024	
	EMO	RAMSEY-WASHINGTON
ed	GWB	
ed	BARR	METRO WATERSHED DISTRICT
ed	BJL	

HARBOF	RPLACE
SHOREVIEW,	MINNESOTA

	٦
HARBOR PLACE POND	L
IMPROVMENT PLAN	ľ

BARR PROJECT No.		
23/62-0282.	.26	
CLIENT PROJECT No.		
DWG No	REV	Nο

C-09



#### LEGEND

845	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
<del></del> 845 <del></del>	PROPOSED MAJOR CONTOUR
<del></del>	PROPOSED MINOR CONTOUR
	CONSTRUCTION LIMITS
	EDGE OF WATER

PARCEL BOUNDARY

- GENERAL NOTES:

  1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS DIRECTED BY THE OWNER.

  2. CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE.

  3. DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

  4. CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.

- 4. CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.

  5. NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.

  6. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

  7. ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED, DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR.

  8. DISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED BY OWNER.

  9. CONTRACTOR TO PROTECT, REPAIR OR REPLACE ALL DAMAGED PATH FROM CONSTRUCTION ACTIVITIES. ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAVEMENT,

RELEASED REVISION DESCRIPTION

SCALE IN FEET

roject Office: BARR ENGINEERING CO. 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435

10/28/2024		
EMO	/302 DA	MSEY-WASHINGTON
GWB		
BARR	ME	TRO WATERSHED DISTRICT
BJL		

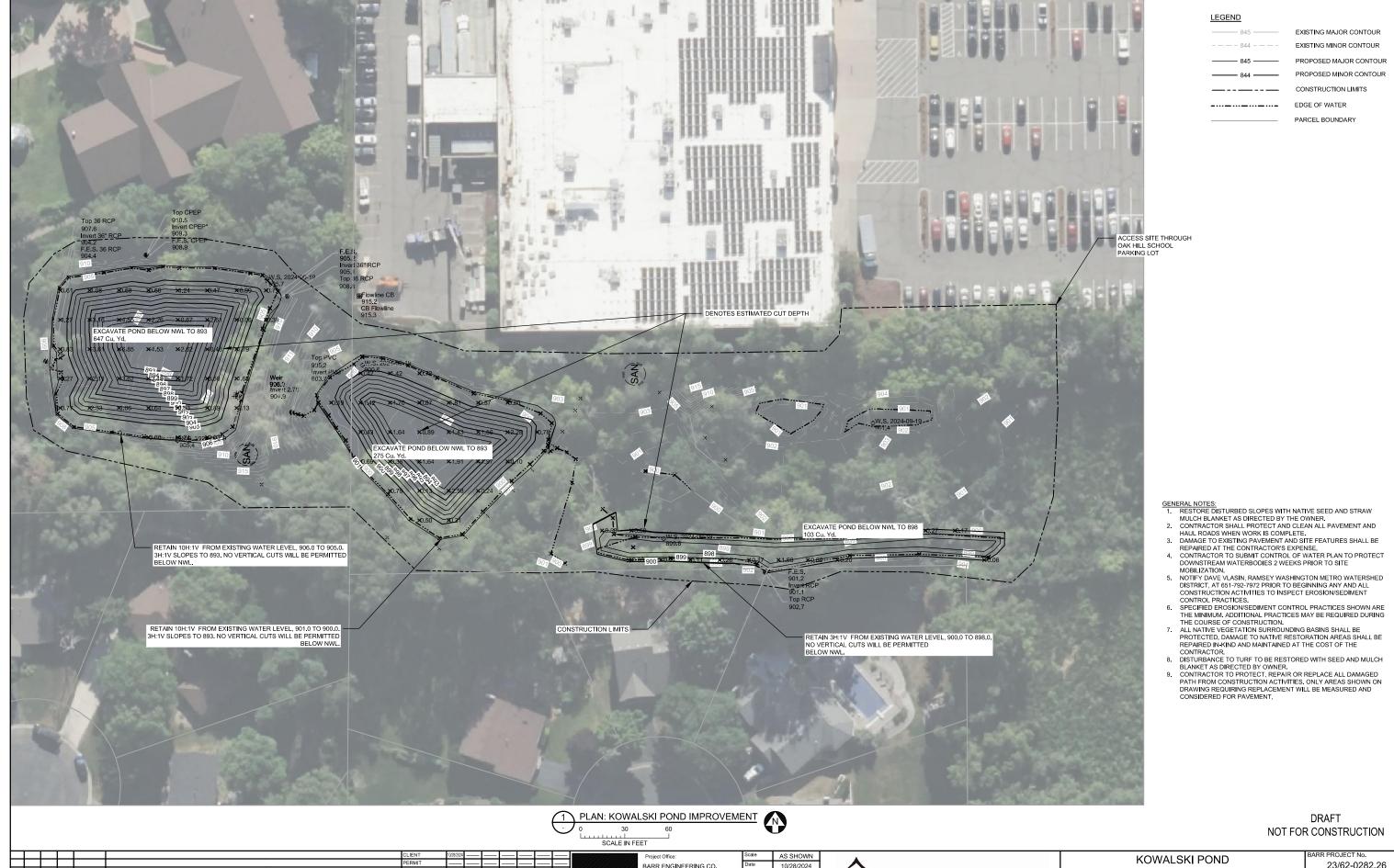
## **CURRIE STREET AND ARLINGTON AVENUE** MAPLEWOOD, MINNESOTA

CURRIE STREET AND ARLINGTON AVENUE POND IMPROVMENT PLAN

	BARR PROJECT No.					
=	23/62-0282.26					
	CLIENT PROJECT No.					
	DWG. No.	REV. No.				
	C-10	Δ				

DRAFT

NOT FOR CONSTRUCTION



RELEASED

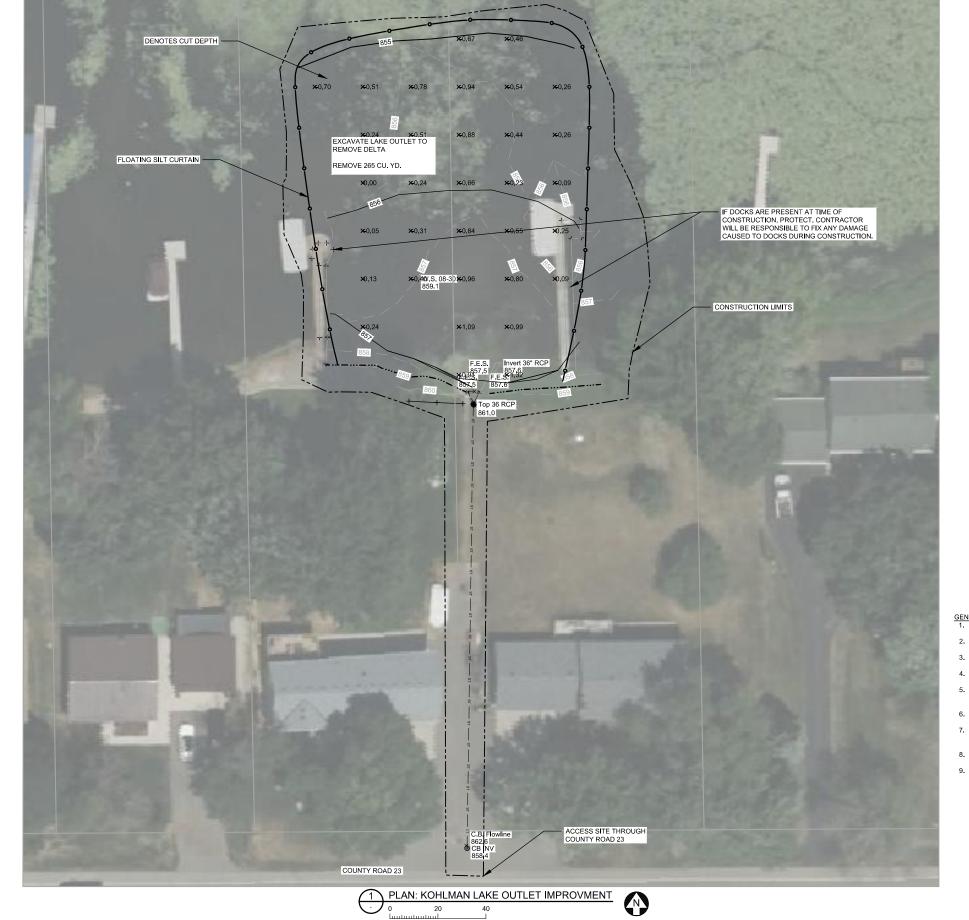
REVISION DESCRIPTION

23/62-0282.26 SHOREVIEW, MINNESOTA LIENT PROJECT No.

10/28/2024 BARR ENGINEERING CO. 4300 MARKETPOINTE DRIVE SUITE 200 EMO GWB MINNEAPOLIS, MN 55435 BARR BJL

$\frac{1}{4}$	(32)	RAMS	RAMSEY-WASHINGTO				
1	3	METRO	WATERSHED	DISTRICT			

KOWALSKI POND IMPROVMENT PLAN



EXISTING MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR

<u>LEGEND</u>

CONSTRUCTION LIMITS

EDGE OF WATER

PARCEL BOUNDARY FLOATING SILT CURTAIN

EXISTING MAJOR CONTOUR

- GENERAL NOTES:

  1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS
- DIRECTED BY THE OWNER.
  CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE.

- IS COMPLETE.

  3. DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

  4. CONTRACTOR'S EXPENSE.

  4. CONTRACTOR'S WEEKS PRIOR TO SITE MOBILIZATION.

  5. NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.

  6. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES.

  7. ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED. DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR. OF THE CONTRACTOR.

  DISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED
- CONTRACTOR TO PROTECT, REPAIR OR REPLACE ALL DAMAGED PATH FROM CONSTRUCTION ACTIVITIES. ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAVEMENT,

DRAFT NOT FOR CONSTRUCTION

RELEASED REVISION DESCRIPTION

SCALE IN FEET

BARR ENGINEERING CO. BARR 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435

Scale	AS SHOWN	
Date	10/28/2024	
Drawn	EMO	
Checked	GWB	
Designed	BARR	
Approved	BJL	
	500	

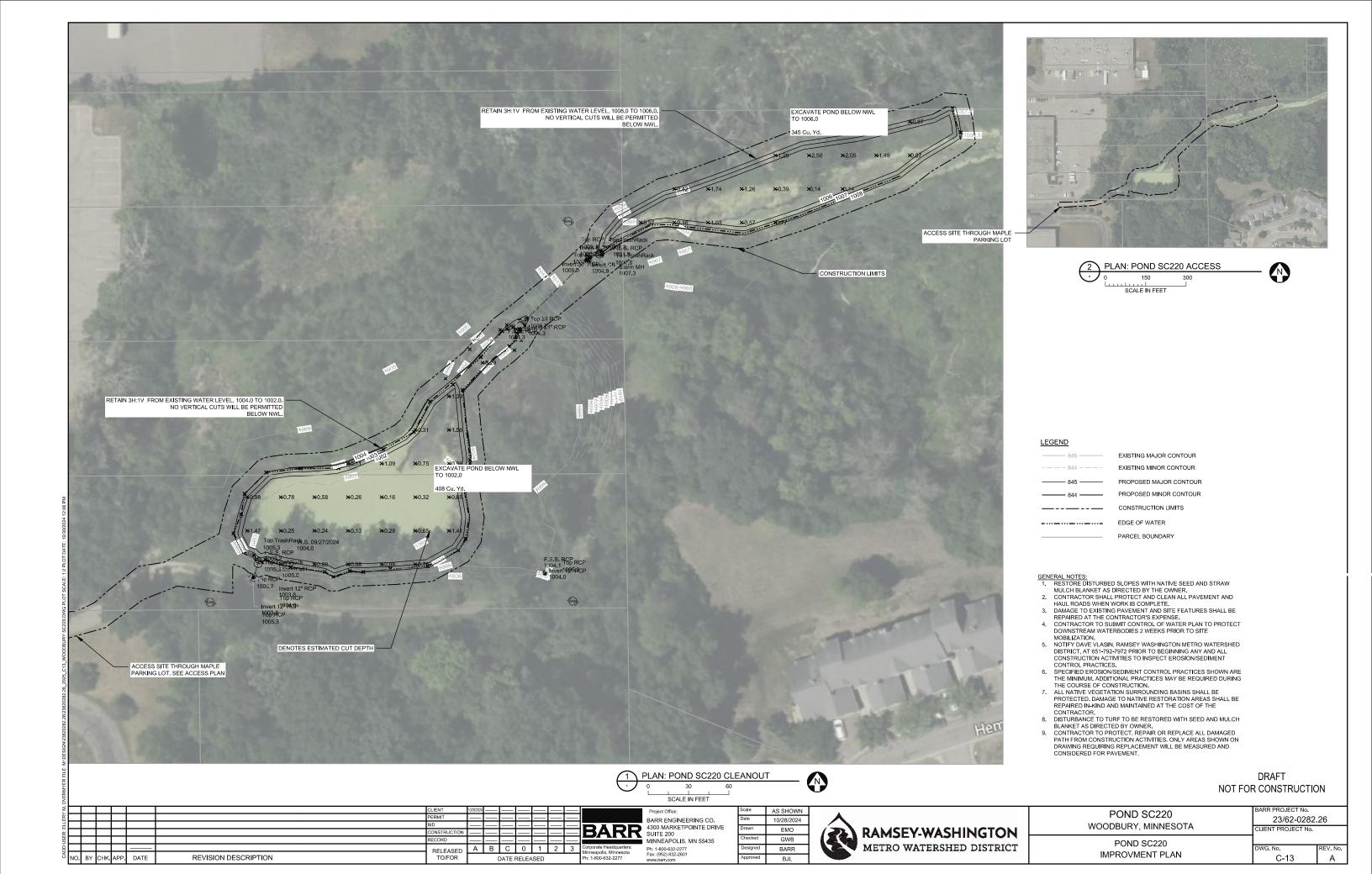


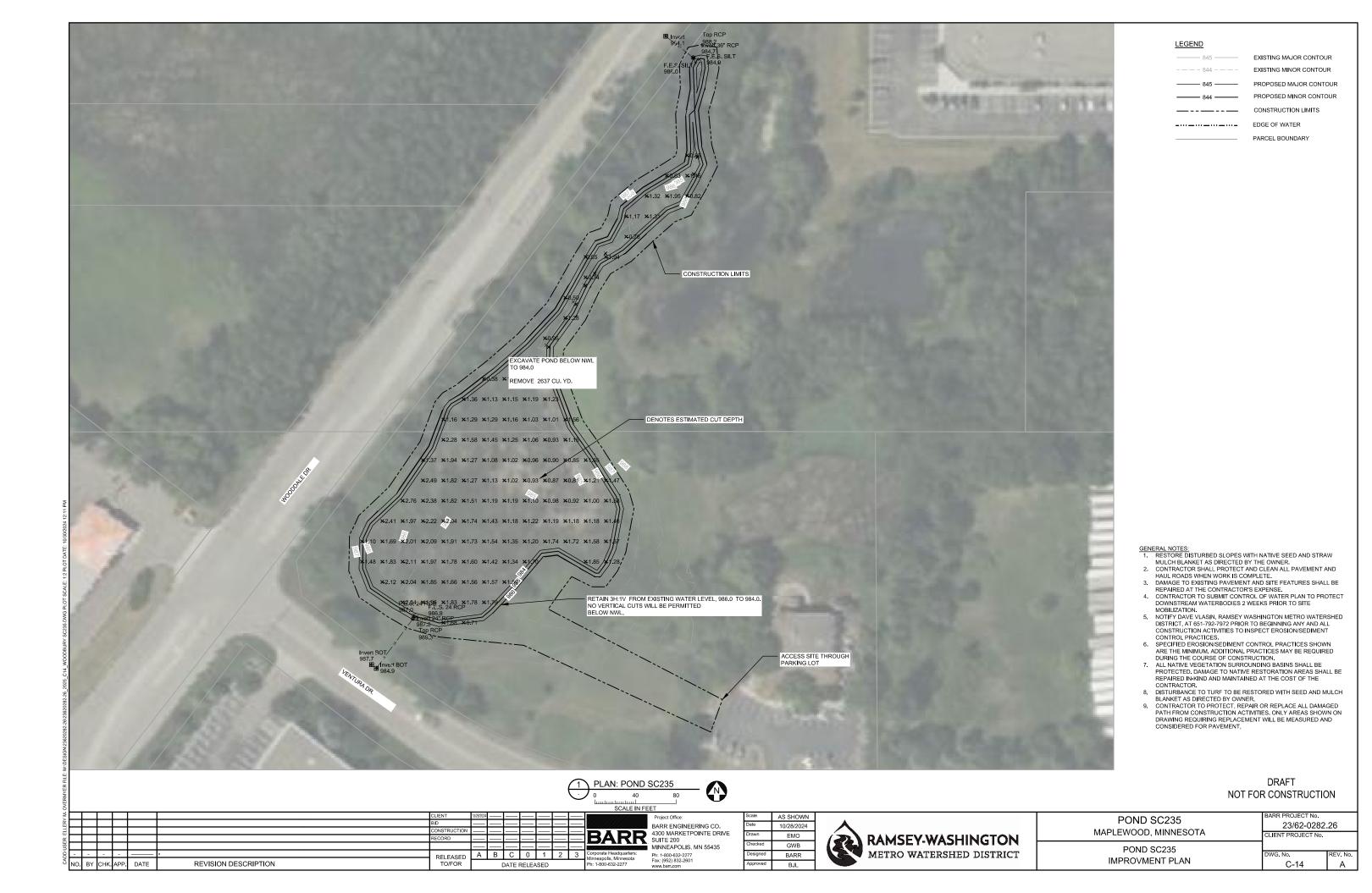
KOHLMAN LAKE OUTLET	
MAPLEWOOD, MINNESOTA	

KOHLMAN LAKE OUTLET IMPROVMENT PLAN

BARR PROJECT No.	
23/62-0282.	.26
CLIENT PROJECT No.	
DWG. No.	REV. No

C-04





# **Request for Board Action**

Board Meeting Date: November 6, 2024 Agenda Item No: <u>7B</u>

**Preparer:** Tina Carstens, Administrator

**Item Description:** 2027 Watershed Management Plan Notification Letter

#### Background:

Watershed law requires the development of a watershed management plan every ten years. RWMWD's next plan is due to be approved in 2027. The first step in the early part of the plan update is to notify our partner agencies, city/county authorities, and neighboring watersheds and conservation districts. See the attached memo and attachments.

### **Applicable District Goal and Action Item:**

**Goal: Manage organization effectively** – The District will operate in a manner that achieves the District's mission while adhering to its core principles.

**Action Items:** Follow all legal requirements applicable to watershed districts.

**Action Items:** Periodically assess the District's vision and mission to ensure they reflect the intentions of the District and its board.

**Action Items:** Assess projects and programs relative to the District's vision, mission, and ongoing strategic planning.

#### Staff Recommendation:

Review the attached memo and notification letters and approve staff to distribute.

#### **Financial Implications:**

This action is planned for in the 2024 Watershed Management Plan Update budget.

#### **Board Action Requested:**

Authorize staff to distribute the notification letter to the required plan review authorities and agencies.



# Memorandum

To: Ramsey-Washington Metro Watershed District Board of Managers

From: Erin Anderson-Wenz and Greg Williams

Subject: Notification Letter and City Questionnaire for the 2027 RWMWD Watershed Management

Plan Update - DRAFT

**Date:** October 25, 2024 **Project:** 23621496-200-001

**c:** Click or tap here to enter text.

The Ramsey-Washington Metro Watershed District (RWMWD) is in the early stages of updating its Watershed Management Plan (Plan). The first stage of the Plan update focuses on partner engagement.

Per Minnesota Rules 8410.0045 Subp. 3 and Subp. 4, the RWMWD must send notification of the Plan update to the Plan review agencies and the Plan review authorities, respectively. These groups are defined below:

## **Requested Manager Action**

Review the draft Plan update notification letters and city questionnaire and provide comments, as needed; authorize Barr to distribute the notification letters following revision, as needed.

#### **Plan Review Authorities**

- Cities: Gem Lake, Landfall, Little Canada,
   Maplewood, North St. Paul, Oakdale,
   Roseville, St. Paul, Shoreview, Vadnais Heights,
   White Bear Lake, and Woodbury
- Ramsey County (which includes the former Ramsey Soil and Water Conservation District), Washington County, and Washington Conservation District
- Adjacent watershed districts (WDs) and watershed management organizations (WMOs): Capitol Region WD, Lower Mississippi River WMO, Rice Creek WD, South Washington WD, Vadnais Lakes Area WMO, and Valley Branch WD

#### **Plan Review Agencies**

- Metropolitan Council
- MN Department of Agriculture
- MN Department of Health
- MN Department of Natural Resources
- MN Pollution Control Agency
- MN Board of Water and Soil Resources
- MN Department of Transportation

Two draft versions of the notification letter are attached. One is targeted to cities and includes a questionnaire to be completed by city staff and elected officials. The questionnaire asks about city priorities, perceived value of RWMWD activities, and the city's relationship with the VBWD. The questionnaire includes the option for city staff to request a virtual or in-person interview with Barr

To: Ramsey-Washington Metro Watershed District Board of Managers

From: Erin Anderson-Wenz and Greg Williams

Subject: Notification Letter and City Questionnaire for the 2027 RWMWD Watershed Management Plan Update - DRAFT

Date: October 25, 2024

Page: 2

Engineering Co. (Barr) staff to share input. A second version of the notification letter is targeted to non-city Plan review authorities.

#### **Next Steps**

Barr staff will revise the notification letters and questionnaire as needed to address Manager comments. Once revised, Barr staff will distribute the notification letters to the Plan review authorities on behalf of the RWMWD. Plan review authorities will be asked to respond to the notification letter (and questionnaire) within 60 days of distribution (consistent with MN Rules 8410).

Barr staff will organize and summarize responses to the notification letter. This information will be used to inform discussion at a meeting of the RWMWD public works forum in January 2025, the Plan public kickoff meeting (see Figure 1), and future Plan development steps. Barr staff will summarize the results of the questionnaires or interviews in a brief memo.

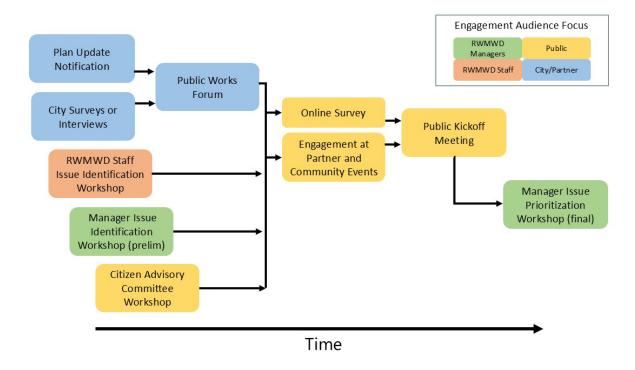


Figure 1 Draft flowchart of initial partner engagement activities



November XX, 2024

City Officials and Staff

# Re: Notification of the Ramsey-Washington Metro Watershed District's 2027 Watershed Management Plan Update and Request for City Input

Dear City Officials and Staff:

The Ramsey-Washington Metro Watershed District (RWMWD) Board of Managers (Managers) is in the early stages of updating its Watershed Management Plan (Plan). The Plan will establish the goals, policies, and actions for the RWMWD's management of the watershed.

State law and rule govern the watershed planning process and require that watershed management plans be updated every 10 years. The RWMWD adopted its current Plan in 2017 and anticipates completing the updated Plan in 2027. During Plan development, the Managers will seek input from cities, agencies, partners, and the diverse communities within the watershed. The Managers are initially seeking input from your city regarding water and natural resource concerns and priorities as well as feedback on the working relationship between your city and the RWMWD.

Please complete this online survey (link pending) to share city input. In addition to technical staff input, please share this survey (link pending) with your city council, environmental commission (if applicable), or other relevant city representatives or staff. This survey is part of the RWMWD's initial partner engagement effort and will guide the early stages of Plan development. Please contact Greg Williams at <a href="mailto:gwilliams@barr.com">gwilliams@barr.com</a> if you prefer to provide input through a virtual or in-person interview.

This suevey is not your city or township's only opportunity to comment. As part of Plan development, a representative from your city will be invited to participate in a technical advisory committee (Plan TAC). The Plan TAC will meet periodically during Plan development to discuss issues, priorities, goals, and/or implementation activities. The survey (link pending) will ask you to identify the individual(s) from your organization who should participate in the Plan TAC. RWMWD's regular public works forum will also provide ongoing opportunities for input.

This request for city and township input serves as the official notification of plan update required by Minnesota Rules 8410.0045 Subp. 3 and Subp. 4. Please provide responses no later than **January XX**, **2025** to Greg Williams at <a href="mailto:gwilliams@barr.com">gwilliams@barr.com</a>.

Thank you for your time and assistance in providing this requested information. If you have any questions, please contact Greg Williams at <a href="mailto:gwilliams@barr.com">gwilliams@barr.com</a>.

Sincerely,

#### Val Eisele

President, Ramsey-Washington Metro Watershed District Board of Managers

c: City of Gem Lake

City of Landfall

City of Little Canada

City of Maplewood

City of North St. Paul

City of Oakdale

City of Roseville

City of St. Paul

City of Shoreview

City of Vadnais Heights

City of White Bear Lake

City of Woodbury



November XX, 2024

State Plan Review Agencies, Ramsey County, Washington County, Washington Conservation District, and adjacent Watershed Management Organizations

# Re: Notification of the Ramsey-Washington Metro Watershed District's 2027 Watershed Management Plan Update

Dear Plan Reviewers and Partners:

The Ramsey-Washington Metro Watershed District (RWMWD) Board of Managers (Managers) is in the early stages of updating its Watershed Management Plan (Plan). The Plan will establish the goals, policies, and actions for the RWMWD's management of the watershed.

State law and rule govern the watershed planning process and require that watershed management plans be updated every 10 years. The RWMWD adopted its current Plan in 2017 and anticipates completing the updated Plan in 2027. During Plan development, the Managers will seek input from cities, agencies, partners, and the diverse communities within the watershed.

With this letter, the Managers initially request your comments with respect to the following areas:

- Priority issues and your expectations for RWMWD involvement in these issues;
- Summaries of relevant water management goals;
- Pertinent water resource information; and
- Official controls and programs of your organization (if applicable)

The information you provide will help the Managers identify the issues and priorities that should be addressed in the 2027 Plan. The Managers respectfully request that you provide this information by January XX, 2025 consistent with Minnesota Rules 8410.0045 Subp. 3 and Subp. 4. Information should be provided to Greg Williams of Barr Engineering Co., Engineers for the RWMWD, by email at <a href="mailto:gwilliams@barr.com">gwilliams@barr.com</a>. Concurrent with this notification letter, the Managers are reaching out to RWMWD cities with specific information requests.

As part of Plan development, a representative from your organization may be invited to participate in a technical advisory committee (Plan TAC). The Plan TAC will meet periodically during Plan development to discuss issues, priorities, goals, and implementation activities. In your response to this letter, please identify the individual(s) from your organization who should participate in the Plan TAC.

Thank you for your time and assistance in providing this requested information. If you have any questions, please contact Greg Williams at <a href="mailto:gwilliams@barr.com">gwilliams@barr.com</a>.

Sincerely,

#### Val Eisele

President, Ramsey-Washington Metro Watershed District Board of Managers

c: Ramsey County

**Washington County** 

**Washington Conservation District** 

**Capitol Region Watershed District** 

Lower Mississippi River Watershed Management Organization

Rice Creek Watershed District

South Washington Watershed District

Vadnais Lakes Area Watershed Management Organization

Valley Branch Watershed District

Metropolitan Council

Minnesota Board of Water and Soil Resources

Minnesota Department of Agriculture

Minnesota Department of Health

Minnesota Department of Natural Resources

Minnesota Department of Transportation

Minnesota Pollution Control Agency

\*\*\*\*\*

# New Reports/ Presentations \*\*\*\*\*\*\*



# Memorandum

To: RWMWD Board of Managers

From: Tyler Olsen and Erin Anderson Wenz
Subject: RWMWD Project Cost-Benefit Analysis

**Date:** October 29, 2024

c: Tina Carstens, Paige Ahlborg

## 1 Cost-Benefit Database Background

The Ramsey Washington Metro Watershed District (RWMWD) tracks projects that are implemented through its various programs in a cost-benefit database. The programs that are included in the database are Cost-Share Projects (i.e., through stewardship grant program), Capital Improvement Projects, Targeted Retrofit Projects, and Permitted Projects. The database itself includes the following information for each project:

- Program
- Construction Year
- TMDL (if applicable)
- Project ID
- Project Name
- BMP Description
- Filtration/Infiltration (if applicable)
- Major Watershed
- Municipality
- Public/Private Ownership
- Target Phosphorus Type (Particulate, Soluble)
- Capital/Maintenance Cost Year

- Total Capital Cost
- Annual Maintenance Cost
- Annual Total Phosphorus (TP) Removed
- Annual Total Suspended Solids (TSS) Removed
- Total Watershed Area Contributing to BMP
- Watershed Imperviousness Contributing to BMP
- Volume Reduction Required (if applicable)
- Volume Reduction Achieved (if applicable)
- County
- Latitude/Longitude

Using this information, an escalated capital cost and annual maintenance cost are calculated for the current year of the database (costs are escalated using the Engineering News Record construction cost index). Using the escalated cost, estimated life span of the project, and escalated annual maintenance cost, an annualized cost per pound of TP is calculated for the project (i.e. cost-benefit of the project).

Typically, RWMWD has used the cost-benefit of a project to justify if the project cost is a good investment. In 2019, Barr completed an analysis of the cost-benefit database to understand what a "good" cost-benefit value would be. Barr found that approximately 60% of Cost-Share Projects were less than \$10,300 per pound of TP removed per year, and 80% of Cost-Share Projects were less than \$17,000 per pound of TP removed per year (in 2019 dollars). Additionally, the range for RWMWD larger-scale projects (e.g., Targeted Retrofit Projects and Capital Improvements Projects) have been between approximately \$400 and \$14,000 per pound of TP removed per year. These types of projects tend to be less expensive due to their large-scale nature (i.e., more effective in treatment).

Date: October 29, 2024

Page: 2

This analysis was last completed in 2019. The next section includes an updated analysis of Cost-Share Projects, Targeted Retrofit Projects, and Capital Improvements Projects to-date using costs escalated to 2023 dollars.

#### 2 Updated Cost-Benefit Analysis Methodology

Barr completed a frequency analysis of the cost-benefit data for two categories of projects included in the RWMWD cost-benefit database: Targeted Retrofit Projects and Capital Improvements Projects (combined, i.e. large-scale projects) and Cost-Share Projects. This analysis is intended to serve as an update to the analysis that was completed in 2019, with the goal of identifying thresholds of project cost-benefit to be used in evaluating future projects.

The updated analysis including the following methodology for both project categories:

- Remove 'outlier' projects (research type projects, e.g., Wakefield Pond Spent Lime) from dataset
- Sort cost-benefit data (using project lifespan of n=20 years) for each category into bins of \$3,500 increments
- Calculate number of projects in each bin
- Plot distributions on histogram
- Calculate frequency of project cost-benefit value, and plot cumulative frequency curve
- Fit trendline to cumulative frequency curve
- Calculate cost-benefit threshold for 60% of projects and 80% of projects

## 3 Updated Cost-Benefit Analysis Results

The range of cost-benefit for Targeted Retrofit and Capital Improvement Projects is between \$300 and \$34,600 per lb TP removed per year. These projects tend to be less expensive due to their "regional" or large-scale nature (more effective treatment). The Targeted Retrofit and Capital Improvement Projects are distributed as shown in Figure 1, and the cumulative frequency curve is shown in Figure 2. The range of cost-benefit for Cost-Share Projects is between \$460 and \$194,100 per lb TP removed per year. These projects tend to be more expensive because they are at a site-level scale and may require more expensive infrastructure modifications (e.g., underground BMPs) to accommodate existing site conditions. The Cost-Share Projects are distributed as shown in Figure 3, and the cumulative frequency curve is shown in Figure 4.

Below are the calculated thresholds for 60% and 80% of projects in both categories. These cost-benefit thresholds are similar to the analysis completed in 2019 (when escalated to 2023 dollars). Overall, large-scale projects have lower cost-benefit thresholds because the water quality treatment performance of these projects tend to be more efficient than smaller (site scale) projects.

- Targeted Retrofit + Capital Improvements Projects (Large-Scale Projects)
  - o 60% of projects are less than \$6,300/lb TP removed/yr (2023 dollars)
  - 80% of projects are less than \$10,600/lb TP removed/yr (2023 dollars)
- Cost-Share Projects
  - o 60% of projects are less than \$11,700/lb TP removed/yr (2023 dollars)
  - o 80% of projects are less than \$18,900/lb TP removed/yr (2023 dollars)

Barr recommends that this analysis be updated annually. This will allow for an "apples to apples" comparison of new project cost-benefit with historic project cost-benefit in the current year's dollar value.

Date: October 29, 2024

Page: 3

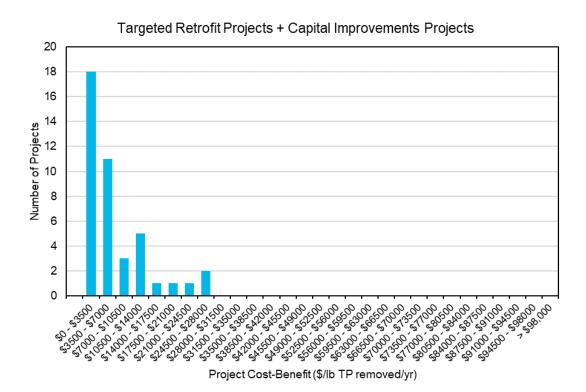


Figure 1 Targeted Retrofit Projects + Capital Improvements Projects Cost-Benefit Histogram

Date: October 29, 2024

Page: 4

# Targeted Retrofit Projects + Capital Improvements Projects

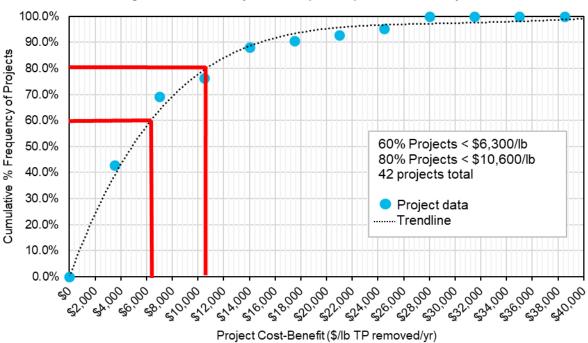


Figure 2 Targeted Retrofit Projects + Capital Improvements Projects Cost-Benefit Cumulative Frequency Curve

Date: October 29, 2024

Page: 5

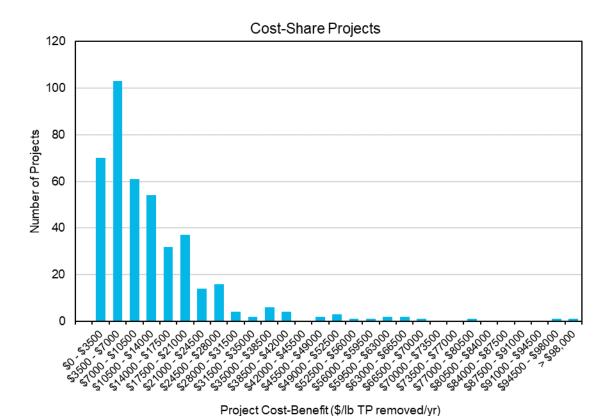


Figure 3 Cost-Share Projects Cost-Benefit Histogram

Date: October 29, 2024

Page: 6

# Cost-Share Projects

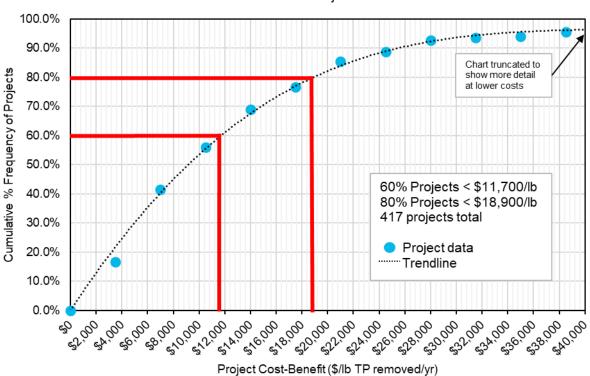


Figure 4 Cost-Share Projects Cost-Benefit Cumulative Frequency Curve



# **Maplewood Mall stormwater retrofit project**

Ten-year anniversary project inspection, inventory, and recommendations for maintenance and improvements

Prepared for Ramsey-Washington Metro Watershed District

Prepared by Barr Engineering Co.

October 2024

.....







Ten-year anniversary project inspection, inventory, and recommendations for maintenance and improvements

## **Contents**

1	Introduction	1
2	Stormwater infrastructure assessment and findings	2
2.1	Stormwater structure assessment process	2
2.2	Stormwater structure assessment conclusions	2
2.3	Stormwater structure recommendations	2
2.4	Permeable pavers infiltration testing	3
3	Tree and herbaceous plantings analysis	2
3.1	Tree and plantings evaluation process	2
3.2	Tree condition summary- tree trenches	6
3.3	Tree condition summary- tree trenches vs rain gardens	9
3.4	Subsurface investigation for tree roots and oxygen levels	11
3.5	Tree guard inspections	
3.6	Tree trench recommendations	13
3.7	Synthetic storm September 13, 2024	14
4	Rain gardens assessment	15
4.1	Planting bed vegetation condition summary	15
42	Rain garden recommendations	15

# 1 Introduction

Between 2009 and 2012, the parking lot and areas adjacent to the entrances of Maplewood Mall underwent four phases of stormwater management construction. The Ramsey-Washington Metro Watershed District (RWMWD) previously identified the mall parking lot as a site of interest and chose it as a capital improvement project site to improve stormwater quality for downstream Kohlman Lake, which was impaired by excess phosphorus and listed on the Minnesota Pollution Control Agency's (MPCA's) impaired waters list. Since then, Kohlman Lake has been delisted and is no longer designated as impaired for excess nutrients thanks to this and many other RWMWD efforts. The full project features 55 rain gardens (19 of which have iron-enhanced sand filters); 6,733 square feet of permeable pavers; one mile of tree trenches; 375 canopy trees; a large, decorative cistern; numerous signage elements; and several artistic features. A modified version of the tree trench design used in Stockholm, Sweden, provided uncompacted soil for trees to grow and thrive while also offering a load-bearing surface for heavy vehicular traffic. Prior to tree trench implementation at Maplewood Mall, this method was largely unknown and untested in the United States. Since project implementation, the RWMWD has constructed

tree trenches and rain gardens with ironenhanced sand filters at many sites throughout the district.

The Maplewood Mall stormwater retrofit project is unique in that it includes a large expanse of highly visible stormwater features retrofitted into a heavily utilized, 35-acre parking lot. The RWMWD was the first in Minnesota to implement tree trenches and rain gardens with iron-enhanced sand. As such, the project is monitored for water quality and quantity each year since its construction, allowing the RWMWD—and stormwater practitioners elsewhere—to learn about these best management practices (BMPs) and how to design them effectively.

In 2018, the RWMWD and Barr Engineering Co. assessed the structures' integrity and durability as well as the health of the plantings and trees and developed recommendations for system maintenance. The goal of this 2024 assessment is to follow-up the 2018 assessment to identify additional maintenance needs.



An elm with excellent growth in the west grove

# 2 Stormwater infrastructure assessment and findings

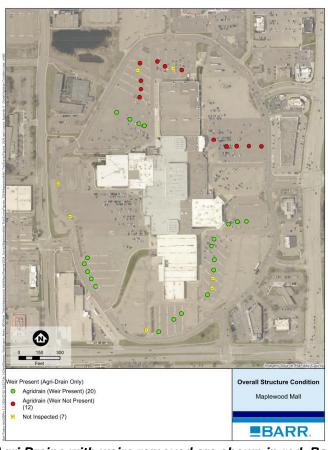
# 2.1 Stormwater structure assessment process

On May 23, 2024, Barr inspected and documented conditions of the storm sewer structures at Maplewood Mall using the ArcGIS Field Maps application. Prior to inspection, the area received over one inch of rainfall within the previous 48 hours.

Barr inspected trench drains and Agri Drain weir structures. Inspection was limited to structures that the RWMWD installed as part of the retrofit project (phases 1 through 4). Barr collected a qualitative status of "poor" or "good" condition for each structure and took notes on the condition of the weir plates, orifices, mortar, and riser.

For Agri Drain weir structures, we noted whether the weir plates were in place. Several years ago, RWMWD staff removed water control weirs from the northwest, north, and northeast groves at Barr's request. At the time, these areas were inundated for prolonged periods after rainfall events, seemingly to the detriment of the trees. Going forward, Barr recommends replacing these weirs.

# 2.2 Stormwater structure assessment conclusions



Agri Drains with weirs removed are shown in red. Barr recommends replacing these weirs.

Overall, the storm sewer structures (primarily Agri Drain weir structures) were in excellent condition. Because of rainfall the day before inspection, Barr was able to make note of the degree to which weirs are holding back water within the tree trenches. All seemed to be functioning as expected. Only a few orifices were plugged and were cleared during inspection.

#### 2.3 Stormwater structure recommendations

Barr recommends lubricating Agri Drain weir plates; over time, they may become stuck in place. We also recommend monitoring during periods of prolonged drought (which have occurred lately) and to replace the weir plates in the Agri Drains where they were removed (northwest, north, and east groves).

Schlomka Services LLC separately inspected the sump catch basins throughout the site (mostly associated with rain gardens, but some associated with tree trenches as well) as part of sump cleanout activities. No structural degradation was reported.

# 2.4 Permeable pavers infiltration testing

On June 5, 2024, Barr tested infiltration of the permeable pavers at Maplewood Mall. The testing followed ASTM C1781 guidelines, using a 12-inch diameter ring and plumber's putty to prevent water leakage through the joints. Barr adhered to the water poundage and standards in ASTM C1781, which specifies that three infiltration tests must be used for permeable pavement systems under 25,000 square feet. We selected three representative locations for the surface infiltration tests: the north, middle, and south sections of the pavers. We observed surface infiltration rates of 7.6 inches per hour for the north section, 11.1 inches per hour for the middle section, and 2.0 inches per hour for the south section. The site average surface infiltration rate based on the three tests is 6.9 inches per hour. According to the Wisconsin Department of Natural Resources, a surface infiltration rate of less than 10 inches per hour indicates that the permeable pavement system has failed and needs to be restored or replaced.

During the inspection, Barr noted several concerns with the pavers. The edge pavers had joints filled with sediment. Some pavers were cracked, loose, or missing, and some pavers were experiencing noticeable settling. The joints had varying amounts of aggregate; some were empty while others contained an appropriate amount. Additionally, in the turn lane areas, the pavers appeared to have shifted over time.

To enhance the functionality of the permeable pavers, Barr recommends removing the existing pavers and the base, installing a new gavel base layer, and switching to larger-format permeable pavers (such as Pave Drain) to improve durability and infiltration capacity. These measures will restore stormwater infiltration and stabilize the walking surface. However, if Maplewood Mall management does not plan to maintain the porous paver section, the RWMWD could consider leaving this section as is. It is functional as a driving and walking surface.



The porous paver crosswalks at the Mall have deteriorated over time.

# 3 Tree and herbaceous plantings analysis

# 3.1 Tree and plantings evaluation process

During a series of site visits in June and July 2024, Barr and RWMWD staff assessed the health of tree and herbaceous plantings and documented observations using a ArcGIS Collector app. In addition, we assessed the mall's planting beds for plant establishment and weed encroachment.

Over the past five years, the RWMWD has maintained the mall plantings through its BMP maintenance program. RWMWD currently contracts with Davey Resource Group to maintain plantings in the rain gardens, end islands, and entrances. Maintenance occurs throughout the growing season and includes spring cleanup, weeding, and mulching.

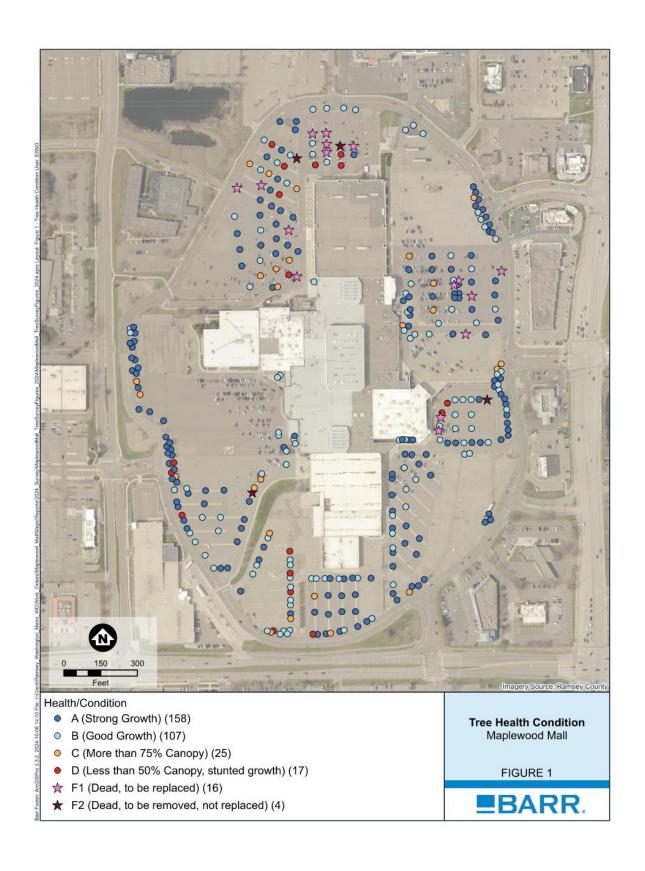
Original planting of the Maplewood Mall stormwater improvement project (2011 to 2013) included 375 trees. Trees were last evaluated in 2018, and 70 replacement trees were planted in 2019. Barr evaluated trees again in June 2024, collecting the following data for each tree:

- Diameter at breast height (DBH) in inches
- Overall foliage/canopy health
- Damage to trunk, bark, or branches

Trees were given qualitative grades as follows:

- A: Vigorous growth
  - 1. Dense canopy; 100-percent full
  - 2. Strong and straight trunk
  - 3. Dark green leaves
- B: Strong growth
  - 1. Canopy potentially lopsided or partially incomplete; 100- to 75-percent full
  - 2. Some trunk of branch damage
  - 3. Dark green to green leaves
- C: Fine growth
  - 1. Canopy incomplete or clearly undersized; 75- to 50-percent full
  - 2. Thinner, wobbly trunk with some damage or dead branches visible
  - 3. Green to light green leaves
- D: Dying
  - 1. Significantly incomplete canopy; less than 50-percent full
  - 2. Thin trunk; little to no growth on the project site
  - 3. Light green leaves; other signs of disease; premature leaf drop
- F1: Dead; replacement recommended
  - 1. Dead tree in a location where replacement is recommended
  - 2. High-investment or high-visibility location such as tree trench or entrance planting
- F2: Dead; no replacement recommended
  - 1. Dead tree in a location where replacement is not recommended
  - 2. End islands with a nearby healthy tree or further from mall entrances

Figure 1 shows the results of the 2024 tree inspection.



# 3.2 Tree condition summary- tree trenches

Trees in the tree trenches are faring well, with just four-percent attrition in the past five years. During that time, vehicles had run over two trees. Table 1 shows a comparison of tree conditions in 2018 and 2024. Trees that are dead, to be removed but not replaced are located in end islands, which have proved to provide substandard growing conditions.

The end islands saw greater loss, with 6.5-percent attrition of all trees planted during the project. Although a few end islands were designed to be connected to tree trench systems, most have limited rooting soil, so these trees are not growing in the highly developed soil within the tree trenches. Of the 37 dead or stunted trees found in 2024, 14 were in tree trenches and 23 were in end islands. Three of the dead end-island trees are connected to a tree trench, all in the northwest grove.

Table 1: Tree condition comparison, 2018 to 2024

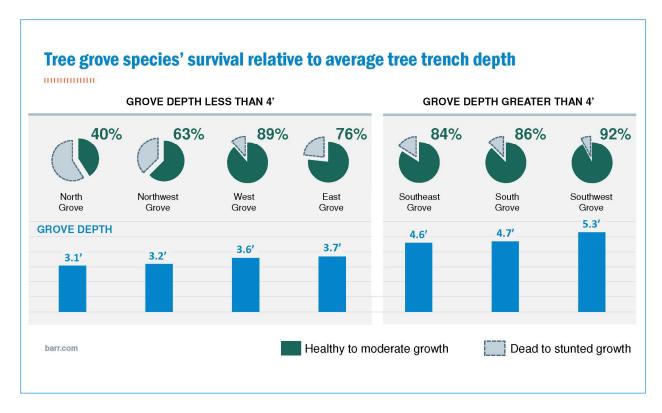
Tree condition	2018	2024
Thriving (A, B, C)	214	290
Poor condition (D)	75	17
Dead (F1 and F2)	65	16
Dead; to be removed but not replaced(F2)	27	4

In this retrofit project, trench depths were set by the elevation of existing stormsewer infrastructure. Generally speaking, trees have had better success in the deeper trenches that provide more rooting soil volume (Table 2). Trench depth cannot be altered now but should be considered when designing future tree trenches.

Table 2: Locations of dead trees in tree groves (2024)

Grove	Number of dead trees	Depth of tree trench (feet)
North	6 (1 hit by a vehicle)	3.1
Northwest	5	3.2
West	2	3.6
East	1 (1 hit by a vehicle)	3.7
Southeast	0	4.6
South	0	4.7'
Southwest	0	5.3'

The graphic below shows the survival rate of trees by grove as a percentage, along with the corresponding average tree grove depth.

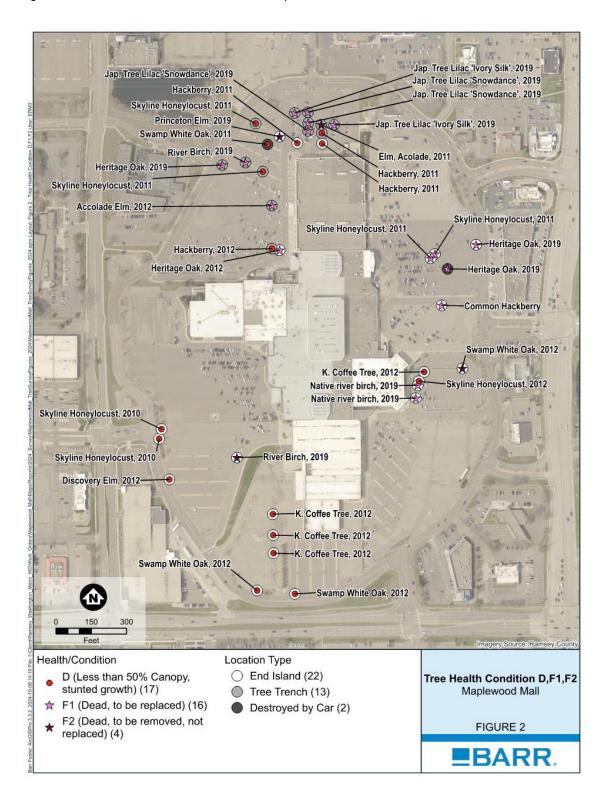


Seventy trees were replaced in 2019. At the time, tree species native to floodplain conditions (elm, river birch, and swamp white oak) were thought to have the best survival rates, and were the prevailing species replanted. Of the 37 dead or stunted trees accounted for in 2024, 10 trees were 2019 replacements. Replacement trees planted in 2019 and their survival numbers are shown below in Table 3.

Table 3: Tree survival, 2018 to 2024

Common name	Botanic name	Number planted in 2019	Survived to 2024
River birch	Betula nigra	9 (1 hit by vehicle)	5
American (Princeton) elm	Ulmus americana 'Princeton'	2	2
New Horizon elm	Ulmus 'New Horizon'	4	4
Triumph elm	Ulmus americana 'Morton Glossy'	6	6
Snowdance Japanese tree lilac	Syringa reticulata ssp. 'bailnce'	4	3
Ivory Silk Japanese tree lilac	ory Silk Japanese tree lilac Syringa reticulata 'Ivory Silk'		2
Heritage Macdaniel's oak	Quercus x macdaniellii 'Clemson'	7 (1 hit by vehicle)	5

Figure 2 shows the locations of dead or stunted and stunted trees found during the 2024 assessment, along with an indication of when each tree was planted.

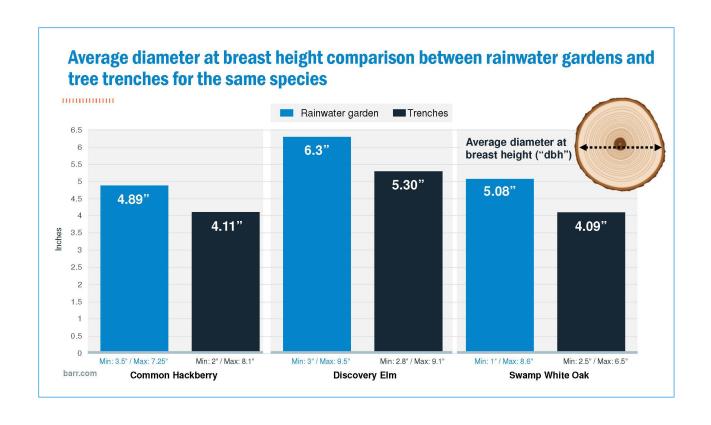


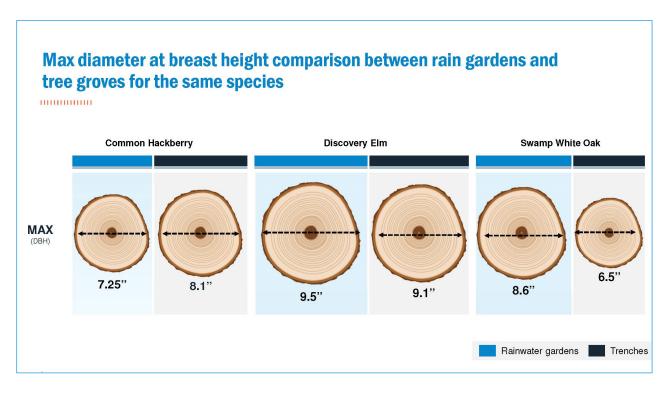
After the 2018 and 2024 assessments, we now have a good sense of which tree species have been most successful in the tree trenches since the beginning of the project. The graphic below shows which tree species have been most (or least) successful at the mall (both original and replacement plantings). Floodplain species (such as elms, river birch and swamp white oak) have been most successful, while upland, drought-tolerant species such as hackberry, coffeetree, and honey locust have been among the least successful.



# 3.3 Tree condition summary- tree trenches vs rain gardens

In 2024, Barr and RWMWD staff took DBH measurements of all the trees planted as a part of the project since its inception. This information allowed comparisons between the size of trees planted in the rain gardens and those planted in tree trenches. The graphics below show the difference in the average and max DBH (in inches) of three tree species that were planted in both rain gardens and tree trenches. Although the average DBH of Common Hackberry, Discovery Elm, Swamp White Oak in rain gardens is (as expected) higher than those planted in tree trenches, the maximum DBH of these species are notably comparable (which the exception of Swamp White Oak).





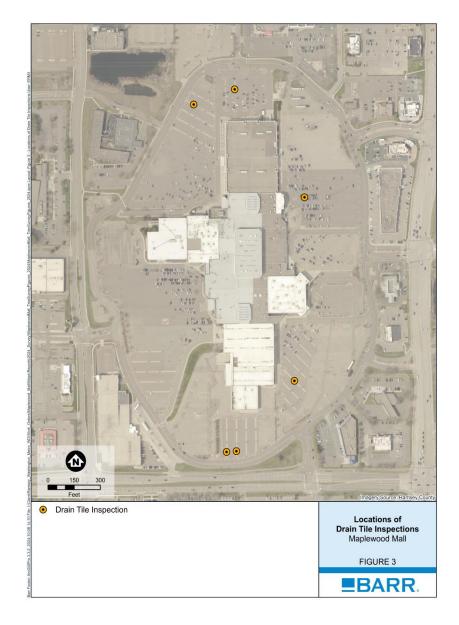
#### 3.4 Subsurface investigation for tree roots and oxygen levels

Barr inserted a camera into drain tiles from the catch basins at six locations (Figure 3) at 10 to 20 feet to examine conditions and observe root growth. All tiles were dry with less than one inch of dry sediment. At two locations near a vigorously growing river birch and an elm tree, a few three- to six-inch long roots poked into the tile through the drain holes, but they were not long or copious. Although tree roots were anticipated to have extended into the tiles to obtain oxygen, this was not the case.

Barr monitored oxygen levels within the sump catch basin and, at an arm's length into the drain tiles in the same locations, made camera observations. Oxygen levels were normal in most sampling locations. However, in two places, the oxygen sensor indicated the presence of explosive gases (methane) at 4 percent. The lower explosive limit (LEL) is the lowest concentration of a gas or vapor that can ignite or explode in air when an ignition source is present. Four-percent concentration of methane is too lean for

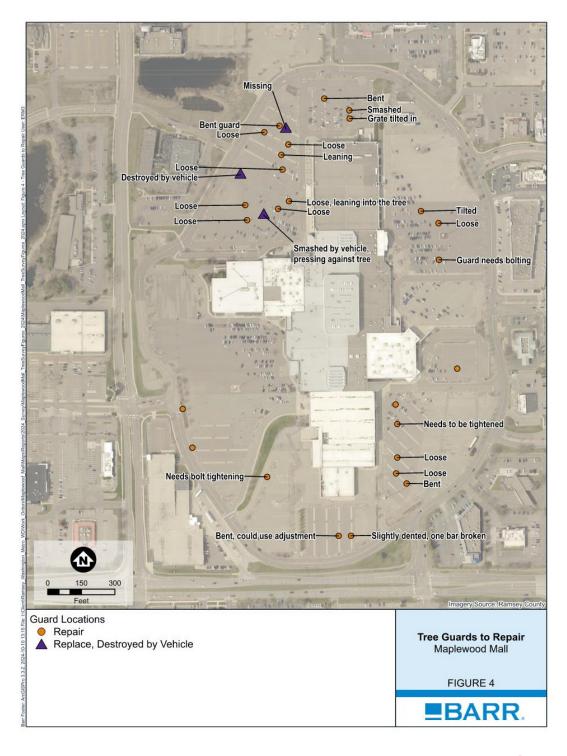
ignition concerns, simply indicating that some organic matter is decomposing in some of the tree trenches. This is not surprising, as the roots are expected to grow and decompose over time, selffertilizing the tree trench media for future uptake by new root growth. Methane is produced by bacteria breaking down organic matter in the absence of oxygen, indicating that these tree trenches may be a bit deficient in oxygen relative to other tree trenches.

Barr observed no abnormalities during the camera inspection of the north grove, where the most tree death has occurred. The trench is very shallow compared to the others. Water was standing in the sumps, but not in the drain tile.



#### 3.5 Tree guard inspections

As part of the tree evaluation, Barr inspected tree guards and found that 27 guards were damaged (Figure 4). Some were bent by vehicles, some were loosely connected to the ground, and three were missing or destroyed by vehicles. Barr recommends tightening the guards' bolts and manually bending them back into place.





A vehicle destroyed this tree guard and tree in the mall's east grove.



After being pushed by a vehicle, the guard on this swamp white oak is pressing against the tree's trunk.

#### 3.6 Tree trench recommendations

One of the primary goal of the original Swedish tree trench design was to increase air diffusion, especially oxygen, underground to tree roots. To improve tree survival at the mall, methods to better circulate air down to the trench drain-tile system (such as vents) could be investigated to increase oxygen levels and vent gases such as methane. In essence, additional measures that allow the trenches to "breathe" could be helpful. Other recommendations include:

- Not replacing end island trees except those that are connected to the northwest tree trench (three trees). This task should be the mall's responsibility.
- Replacing the 14 tree trench trees that died (see Figure 1) with the most successful species (elm varieties).
- Replacing the stunted tree trench trees (with less than 50-percent canopy) (see Figure 1) with the most successful species (elm varieties).
- Structurally pruning the trees to grow stronger and more storm resilient; they have not been pruned in the last five years. Pruning would ideally take place in March 2025.
- Removing sediment from one tree grate in the northwest grove.
- Replacing three tree guards for trees TTW3-4, TTW4-1, and TTNW9-3.
- Replacing the Agri Drain weir plates within the northwest, north, and northeast groves.

#### 3.7 Synthetic storm September 13, 2024





On September 13, 2024, RWMWD staff conducted a "synthetic storm" test on two of the trenches in the south tree grove. The purpose of this test was to evaluate the capacity of tree trenches to reduce stormwater volume during a storm event. Two of the tree trenches in the south grove were flooded with 15,575 gallons of using water from a fire hydrant on site. Outflows were monitored over the next 6 hours with monitoring equipment.

Ultimately, the outflowing water volume calculated from the tree trenches was 2,460 gallons, indicating an 84% volume reduction. It is important to note, however, that this synthetic storm was conducted during a very dry part of the summer, during which the area was experiencing drought conditions. As a result, this 84% volume reduction may not be representative of more typical conditions. We recommend that synthetic storms be conducted again in future years to get a range of volume reduction capacity across a range of climatic conditions.

#### 4 Rain gardens assessment

#### 4.1 Planting bed vegetation condition summary

Rhizomatous and invasive grasses such as quack grass, Kentucky blue grass, and smooth brome have invaded all the plantings at entrances, end islands, and rain gardens. Canada goldenrod has also become a problem. These weeds are difficult to eliminate because they intertwine with other, more desirable plants. To eliminate these weeds, aggressive weeding or the application of an herbicide application will be necessary. Replanting should occur after weeds are eliminated. Many of the beds have bare areas where vegetation has failed or where weeds have been removed. These areas should also be replanted. Note, however, that this situation is an aesthetic issue, not an issue of hydrologic function.



Weedy grasses are taking over the plantings in the Lydia Avenue rain garden. Notice the grass overtaking the low bush honeysuckle in the upper right corner of the image.

#### 4.2 Rain garden recommendations

All rain gardens are functioning well hydrologically except for the Lydia Avenue rain garden, which is experiencing very slow drawdown.

The gardens that receive water via curb cuts are accumulating sediment, which needs to be removed.

Schlomka Services LLC previously inspected the sump catch basins throughout the site (mostly associated with rain gardens, but some associated with tree trenches as well) as part of sump cleanout activities. No structural degradation was reported. On October 16, 2024, Schlomka removed a total of 5cy of sediment from 31 sump catchbasins.



Stormwater poorly draining in the Lydia Avenue rain garden (June

Suggested maintenance activities for all rain gardens are listed in the Table 4, below.

Table 4: Suggested rain garden maintenance activities

Rain garden name	Suggested maintenance activities
Beam Avenue	Weed and plant; repair erosion at upper and lower cell; remove sediment
County Road D	Weed and plant
E1 G-1	Weed and plant
E1 G-2	Weed and plant
East	Weed and plant; remove sediment
EI-W10	Weed and plant
Enhanced sand filter	Weed and plant
Lydia Avenue	Weed and plant; inspect cap on underdrain and remove if necessary to help drainage
Northeast	Weed and plant; install riprap to address scour
South	Weed and plant; remove sediment; replace spalled W splashpad block
Southlawn Drive	Weed and plant; remove sediment; replace spalled W splashpad block
Southwest	Weed and plant; remove sediment
WG-5	Weed and plant
WG-6	Weed and plant; remove sediment
WG-7	Weed and plant; remove sediment; remove geotextile inlet protection ASAP
White Bear	Weed and plant; fix slow draining
Woodlynn Avenue	Weed and plant



#### Memorandum

**To:** Ramsey-Washington Watershed District Board of Managers

From: Brandon Barnes (Barr Engineering Co.), Tina Carstens (RWMWD)

Subject: Owasso Basin Lessons Learned Update

**Date:** October 30, 2024

**Project:** Owasso Basin Flood Risk Reduction

The Owasso Basin Flood Risk Reduction study included an evaluation of the benefit-cost of flood risk reduction strategies in the Owasso Basin/North Star Estates area by removing habitable structures from the floodplain. Stakeholder outreach and communication with the City of Little Canada, St Paul Regional Water Services, and North Star Estates property management, who are the Property Owners, was a continuous process throughout the study. Ultimately, RWMWD received feedback from St Paul Regional Water Services and North Star Estates property management that there was not support for drainage modifications on their respective properties. The following is a brief background of the RWMWD study, lessons learned, and next steps for flood-risk reduction for the area near Owasso Basin.

#### 1 Background

Atlas 14 modeling updates in 2015 identified Owasso Basin and its surrounding areas (i.e., the Gervais Creek subwatershed) as the highest concentration of flood-prone habitable structures in the RWMWD. A RWMWD 2018 study of the Owasso Basin area showed that redirecting flows south from a drainage area east of North Star Estates would significantly lower flood levels in the area. That, in combination with other modifications near Owasso Basin such as raising Ryan Drive and making adjustments to the storm sewer system, would remove several structures in this area from the flood zone.

In 2020, the RWMWD began the Owasso Basin bypass study, in which flood risk reduction options were further developed and a phased approach to implementation was recommended. In 2021, the RWMWD finished construction of the raising of Ryan Drive, storm sewer modifications, maintenance along Gervais Creek and the Owasso berm, and drainage improvement at Keller Parkway (phases 1 and 2 of the implementation strategy).

In 2022 RWMWD began the feasibility design for modifications to the stormwater drainage system on properties owned by the City of Little Canada, St Paul Regional Water Services, and North Star Estates property management. The feasibility study identified potential modifications to the drainage system located on properties owned by these entities that would significantly reduce flooding impacts to those homes and businesses. System modifications proposed included modifying the direction of surface overflow within the Saint Paul Regional Water property, increasing the conveyance capacity of the culvert at South Owasso Boulevard (which is a City of Little Canada roadway), raising the private roadway within North Star Estates, and regrading/expanding Owasso Basin to provide more flood storage volume. (Four parcels cover Owasso Basin: two parcels are owned by the City of Little Canada, North Star Estates owns one parcel, and Diggers LLC owns one parcel.) During the feasibility study, Barr and RWMWD staff discussed system modifications with the City of Little Canada staff and City Council.

In 2023, discussions continued with these, and other property owners affected by the suggested modifications. In the summer of 2023, Saint Paul Regional Water informed Barr and RWMWD that they would not approve the proposed modifications to surface overflows through their property. As part of

To: Ramsey-Washington Watershed District Board of Managers
From: Brandon Barnes (Barr Engineering Co.), Tina Carstens (RWMWD)

Subject: Owasso Basin Lessons Learned Update

Date: October 30, 2024

Page: 2

discussions with Saint Paul Regional Water, Barr and RWMWD staff offered alternative designs that would mitigate potential impacts to regional water distribution pipes. None were found to be acceptable to Saint Paul Regional Water.

Following discussions with Saint Paul Regional Water, the proposed modifications to roadways in North Star Estates to allow emergency vehicles to access all homes during a 100-year flood event. Barr and RWMWD staff discussed system modifications with the North Star Estates property management company, which was initially supportive of the proposed modifications. Based on the support provided, Barr staff scheduled site investigations that would ultimately guide the design of system modifications in and near North Star Estates and Owasso Basin. However, prior to beginning site investigations to support design of drainage improvements, Barr was notified by North Star Estates that the property management company was reconsidering allowing the modifications and hadn't come to a final decision.

In January 2024, Barr and RWMWD staff met with North Star Estates Management to review drainage improvements and modifications to roadways within North Star Estates to reduce flood risk. Following the meeting, North Star Estates Management informed RWMWD that they were not interested in the District completing a project to reduce flood risk on their property.

Currently, without property owner support, there are no planned modifications to the drainage system to reduce flood-risk near Owasso Basin.

#### 2 Lessons Learned

It is in the District's (and the public's) best interest for the District to work with a broad range of stakeholders to implement projects that reduce the risk of flooding for habitable structures. The District's involvement in the planning, design, and implementation of flood-risk reduction projects allows for a comprehensive system-scale approach for reducing flood risk. This approach involves working with a broad group of public and private stakeholders, which requires ongoing coordination and communication as goals and objectives for a given stakeholder may change over time, particularly for a project or study that spans several years.

The most notable lesson learned from the Owasso Basin Flood Risk Reduction Project is that goals, objectives, and input from stakeholders may change over time. In some instances, input provided by local staff may differ from input provided by a Property Management company that is responsible for authorizing work. This highlights the need to identify contacts that have the ability to make decisions, and continued emphasis on communication with stakeholders throughout the study to address concerns and identify when direction changes.

#### 3 Next Steps for Flood Risk Reduction near Owasso Basin

Currently, there is no Emergency Response Plan for North Star Estates. However, Barr and RWMWD staff have informed City staff and North Start Estates property management of the area's flood risk and specific flood-prone structures. City staff provided feedback on proposed modifications in and around North Star Estates to make structures accessible by emergency vehicles. In the meantime, it is our understanding that the City will assist North Star Estates by providing materials to install temporary flood-risk mitigation measures if necessary.

To: Ramsey-Washington Watershed District Board of Managers
From: Brandon Barnes (Barr Engineering Co.), Tina Carstens (RWMWD)

Subject: Owasso Basin Lessons Learned Update

Date: October 30, 2024

Page: 3

The City of Little Canada continues to work on maintaining the existing drainage system near Owasso Basin. This summer, the City completed a project to remove accumulated sediment in the drainage ditch along County Drive.

Barr and the RWMWD will continue to work with the city and landowners and, if new opportunities arise that have landowner support, will work with all stakeholders to identify feasible flood risk options.

More broadly, there are numerous manufactured housing developments within RWMWD, some of which are located in areas that are prone to flooding, have poor drainage, or would be good locations for water quality projects. Over the last several years RWMWD has worked with many manufactured home developments in Little Canada (North Star Estates) Vadnais Heights (Five Star Estates), and Landfall, to address flood-risk related concerns. However, typically, RWMWD typically doesn't receive input from residents in these developments, and as a result there may be project opportunities that are not identified.

In 2025, RWMWD and Barr staff will complete an inventory of manufactured home developments within RWMWD, identification of potential project opportunities to increase resilience to regional flooding, reduce localized flood risk, and improve water quality, and reach out to manufactured home developments to provide information on opportunities to improve stormwater conveyance or improve water quality within each development. The work in 2025 will complement work that District staff have been doing through participation in the Ramsey County League of Local Governments Climate Action Workgroup. This work group was recently awarded an MPCA Local Climate Action Planning Grant for building capacity to increase resilience and greenhouse gas mitigation of manufactured homes in Ramsey County. As part of this grant, the workgroup is planning to continue coordinating with manufactured homes on flood risk reduction and stormwater management efforts.



## **Scope Summary**

Date: October 28, 2024

**Project:** Manufactured Home Development Evaluation

**Project Team:** 

District Staff: Paige Ahlborg, Tina Carstens

Barr Staff: Tyler Olsen (Project Manager)

Brandon Barnes (Principal)

#### Scope of Work

There are numerous manufactured housing developments within RWMWD, some of which are located in areas that are prone to flooding, have poor drainage, or would be good locations for water quality projects. Over the last several years RWMWD has worked with several manufactured home developments in Little Canada (North Star Estates) Vadnais Heights (Five Star Estates), and Landfall, to address flood-risk related concerns. However, historically, RWMWD typically doesn't receive input from residents in these developments, and as a result there may be project opportunities that are not identified.

This project includes completing an inventory of manufactured home developments within RWMWD, identification of potential project opportunities to increase resilience to regional flooding, reduce localized flood risk, and improve water quality, and outreach to developments to provide information on opportunities to improve stormwater conveyance or improve water quality within each development.

District staff have been participating in the Ramsey County League of Local Governments Climate Action Workgroup. This work group was recently awarded an MPCA Local Climate Action Planning Grant for building capacity to increase resilience and greenhouse gas mitigation of manufactured homes in Ramsey County. As part of this grant, the workgroup is planning to continue coordinating with manufactured homes on flood risk reduction and stormwater management efforts.

#### Task 1 – Inventory of Manufactured Home Developments within RWMWD

Ramsey County and Washington County licenses and inspects manufactured home developments in each respective County (except those within St Paul). This task includes developing an inventory of manufactured home developments within RWMWD and identify contact information for each development.

#### Task 2 – Identification of Project Opportunities

This task includes leveraging the RWMWD WARP, resiliency studies, as well as most recent storm sewer information provided by each City to identify project opportunities. Project opportunities may include a wide range of projects such as reduce regional flood risk, improve localized flooding, improve water quality, restore or improve wetlands, wetland buffers, or reduce impervious surfaces.

The deliverable for this task includes preparing a GIS map identifying potential project opportunities.

#### Task 3 - Manufactured Home Development Outreach

Barr and RWMWD staff will reach out to manufactured home development managers to share information on potential project opportunities and determine if there is interest in future improvements.

Information compiled in Tasks 1 and 2 as well as feedback received following meetings with Manufactured Home developments (Task 3) will be summarized in a memorandum.

#### **Budget**

The anticipated budget for this study is \$20,000. Actual costs will depend on the number of potential project opportunities identified and number of manufactured home developments that are interested in meeting with RWMWD staff.

#### Schedule

The proposed project schedule is outlined below. The design of the outlet replacement will be completed in the spring of 2025, bidding will occur in the summer of 2025, to align with Ramsey County's schedule for the outlet replacement in the fall of 2025.

Task	Estimated Completion Month
Task 1: Inventory of Manufactured Home Developments within RWMWD	February 2025
Task 2: Identification of Project Opportunities	April 2025
Task 3: Manufactured Home Development Outreach	September 2025



### **Scope Summary**

Date: October 24, 2024

**Project:** Emergency Response Plan or Site Scale Modifications in the Tanners Lake, Battle Creek Lake, Battle Creek, Carver Lake, and Fish Creek watersheds

#### **Project Team:**

District Staff: Paige Ahlborg, Tina Carstens

Barr Staff: Gareth Becker (Project Manager)

Lulu Fang (Hydraulic Modeling)

Greg Nelson, Erin Anderson Wenz (QAQC)

Brandon Barnes (Principal)

#### Scope of Work

In 2024, the District completed the Resiliency Study for the southern portion of the watershed (Tanners Lake, Battle Creek Lake, Battle Creek, Carver Lake, and Fish Creek watersheds). The Resiliency Study included updates to the District's hydrologic and hydraulic models to reflect more recent information for the storm sewer systems, and evaluating system-scale modifications to remove habitable structures that were at risk of flooding from the 100-year floodplain. Only habitable buildings (homes, businesses, churches, schools, etc.) were identified during this process. Potential impacts to property, garages, canopies, and auxiliary structures were not included in the assessment. A distinction was made between structures at risk of flooding due to impacts from District waterbodies and projects versus those at risk of flooding from more local issues, such as undersized catch basin and local storm sewer systems.

For areas where a feasible solution has not been identified or for which a project will not be implemented within approximately 2 years, the District provides an emergency response plan to the city in which the structure of concern is located. This is a commitment that the District has made to its member cities—to provide information that the cities can use to protect properties in the event of an extreme storm event (100-year storm).

The purpose of an emergency response plan (ERP) is to describe the responsibilities for operation and emergency procedures necessary to provide flood protection for habitable structures near District waterbodies (lakes, wetlands, and stormwater ponds) during extreme flooding events (100-year event). In some cases, although larger District projects have already been identified in areas deemed at risk of flooding, the projects may not be implemented for several years. In other cases, District projects that would remove homes from the 100-year floodplain have been deemed infeasible. In both cases, emergency response plans provide RWMWD's cities with guidance for the protection of homes and businesses during the 100-year flood event in the absence of District projects that would otherwise remove them from the floodplain.

It is important to note that ERPs provided by RWMWD do not address flood protection of homes when water levels exceed the 100-year flood elevation or rise due to wind action. ERPs also do not address homes that may have less than 2 feet of freeboard during the 100-year flood level or lesser events; only

homes with low-entry elevations at or below the 100-year flood level of nearby water bodies are addressed in the ERPs.

Table 1 below lists the District waterbodies for which adjacent habitable structures have been deemed at risk of flooding during the 100-year event in the Tanners Lake, Battle Creek Lake, Battle Creek, Carver Lake, or Fish Creek watersheds.

Table 1 Locations of flood prone habitable structures in the Tanners Lake, Battle Creek Lake, Battle Creek, Carver Lake, or Fish Creek watersheds

Emergency Response Plan Area*	Number of structures
Carver Lake (Woodbury)	3
Battle Creek Lake (Woodbury)	1
Apostolic Bible Institute (Oakdale)	8
York Alcove Pond (Woodbury)	5

<sup>\*</sup> Detailed maps showing the structures considered to be at risk of flooding in each of these areas can be seen on the Beltline Resiliency Study story map, on the tabs marked "Phase 6-DRAFT" and "Phase 7-DRAFT". The Beltline Resiliency Study story map (best viewed on Google Chrome) is located here:

https://maps.barr.com/RWMWD/BeltlineResiliency/StoryMapSeries/index.html

The first step is to provide each City with a figure that shows emergency response measures (e.g., location of sandbag berms or temporary levees) that would be necessary to remove the structure from the 100-year floodplain and, where feasible, a figure that shows site-specific modifications that could be implemented on the property to remove the structure from the floodplain. After reviewing the figures, City's may request that an Emergency Response Plan is developed that also describe the responsibilities for operation and emergency procedures necessary to provide flood protection for habitable structures. It has been our experience that after reviewing the initial information most cities do not request preparation of an ERP. However, RWMWD will provide that information if requested.

If an ERP is prepared for the cities, the expectation is that the ERPs are reviewed annually to verify contacts and information included in the plan is current and leverage new lake level stations placed throughout the District, where appropriate.

#### **1.1.1** Budget

Barr will complete the work outlined above on a time-and-expense basis for an estimated \$30,000.

#### 1.1.2 Schedule

We propose the following milestone schedule:

Task	Estimated Completion Month
Summarize low entry elevations for flood prone structures	January 2025
Prepare draft figures showing emergency response measures and sitescale modifications	July 2025
Presentations to Cities	August 2025
Update draft information based on comments with City staff, and provide final documents (including ERPs if requested)	November 2025
Presentation to RWMWD Board	November 2025



## **Scope Summary**

Date: October 24, 2024

Project: Lake Wabasso Outlet Replacement

**Project Team:** 

District Staff: Dave Vlasin, Paige Ahlborg, Tina Carstens

Barr Staff: Brandon Barnes (Principal & Project Manager)

Luke Johnson (Geotechnical) Jacob Daire & Greg Nelson (Civil)

Abdul Halim (Structural)

#### Scope of Work

The Lake Wabasso outlet structure is located on the north end of the lake, between 3558 Tiffany Lane and 3515 Ernal Drive in the City of Shoreview. The outlet structure was constructed in 1971, and Ramsey County (County) completes routine maintenance for the lake outlet.

The existing structure is a grated steel footbridge supported by wingwalls that are part of the weir structure directing flow through the outlet channel. The wingwalls show signs of cracking, and the base slab in the channel shows signs of deterioration as well. The proposed improvements will generally consist of a new footbridge and weir and sheet pile cutoff to reduce seepage. The existing outlet structure is shown in Photograph 1.



Photograph 1 Project area, taken north of outlet structure, looking south to Lake Wabasso

Ramsey County staff have documented that the outlet has been leaking underneath the weir wall for several years. As a result, the County decided that a rebuild of the structure is necessary to prevent further seepage and requested RWMWD support for the project to design a new structure to prevent seepage while also not resulting an adverse impacts to the floodplain elevations. Ramsey County

requested that RWMWD complete the design of the new structure and Ramsey County would cover construction costs.

In order to prepare for the design of the new outlet structure Ramsey County completed a site survey in 2024 and RWMWD completed a geotechnical investigation in 2024. The tasks below outline the scope of work required to replace the Lake Wabasso outlet control structure.

#### Task 1 – Utility Locate and supplemental survey information

Barr will submit a Gopher State One Call ticket to locate existing utilities near the Wabasso outlet. After utilities are located, Barr will survey the locations of existing utilities. Barr staff will review the survey information provided by Ramsey County and collect supplemental information to inform the design of a new outlet structure.

#### Task 2 - Final Design

This task includes performing engineering analysis and design of the Lake Wabasso outlet structure including:

- Hydrologic and hydraulic modeling of the Lake Wabasso outlet
- Geotechnical seepage analysis and design of backfill requirements and sheet pile cutoff
- Structural analysis and design of pedestrian crossing (structural design of culvert loads)
- Civil design of site grading and erosion control measures

This task will also include preparation of permit applications for RWMWD, MnDNR, County, and City to facilitate the outlet replacement. This task includes development of final project specifications to be included in the bidding documents with the final construction documents.

Barr will work with the Ramsey County and private property owners, as needed, prior to accessing the site. As part of the Cooperative Agreement RWMWD has with Ramsey County, we assume no further access agreements will be required.

#### Task 3 – County coordination, bidding, and construction administration

This task involves coordinating with Ramsey County. Barr will coordinate with the County regarding overall project schedule and milestone dates for deliverables such that the outlet replacement can occur prior to December 2025.

RWMWD will bid the project and provide construction observation. RWMWD will request reimbursement from Ramsey County for construction costs.

This task also includes construction administration and observation. Barr assumes construction will last approximately 2-3 weeks, Barr staff will review submittals, payment applications, and respond to RFIs, while RWMWD staff will be the primary onsite construction observation.

#### **Budget**

The cost to conduct the proposed scope of work is summarized in the table blow.

Task	Cost
Task 1: Utility Locate and supplemental survey information	\$6,000
Task 2: Final Design	\$47,000
Task 3: County coordination, bidding, and construction administration	\$7,000
Total	\$60,000

#### Schedule

The proposed project schedule is outlined below. The design of the outlet replacement will be completed in the spring of 2025, bidding will occur in the summer of 2025, to align with Ramsey County's schedule for the outlet replacement in the fall of 2025.

Task	Estimated Completion Month
Task 1: Utility Locate and supplemental survey information	November 2024 <sup>1</sup>
Task 2: Final Design	April 2025
Task 3: County coordination, bidding, and construction administration	November 2025

<sup>&</sup>lt;sup>1</sup>Weather dependent

\*\*\*\*\*

# Administrator's Report

\*\*\*\*\*\*\*

#### **MEMO**

TO: Board of Managers and StaffFROM: Tina Carstens, AdministratorSUBJECT: October Administrator's Report

**DATE:** October 31st, 2024

#### A. Meetings Attended

Monday, September 30th	9:00 AM	Minnesota Watersheds Board Meeting
Tuesday, October 1st	8:30 AM	MAWA Executive Committee Meeting
Wednesday, October 2nd	8:30 AM	Permit enforcement meeting
	2:00 PM	DNR Public Waters Inventory Webinar
	6:30 PM	Board Meeting
Wednesday, October 9th	8:00 AM	Metro-INET Strategic Planning Session
Tuesday, October 15th	ALL DAY	Minnesota Water Resources Conference
Wednesday, October 16th	ALL DAY	Minnesota Water Resources Conference
Tuesday, October 22nd	11:00 AM	Century Ponds Project Discussion
	2:00 PM	Metro-INET Quarterly Board Meeting
	7:00 PM	Metro Watersheds Meeting
Wednesday, October 23rd	10:00 AM	Minnesota Stormwater Series Webinar

#### **B.** Upcoming Meetings and Dates

Watersheds Excellence Awards	November 21st, 2024
Minnesota Watersheds Annual Conference	December 3-6, 2024
CAC Meeting	December 3rd, 2024
December Board Meeting	December 11th, 2024
Staff and Board Holiday Party	TBD
January Board Meeting	January 8th, 2025

#### C. Staff Anniversaries

The following staff have work anniversaries with the watershed in the month of November. I appreciate them and want to thank them for their commitment to the district and our mission!

November 1st	Mary Fitzgerald	5 years
November 27th	Carrie Magnuson	18 years

#### D. **Board Action Log and Updates**

The board action log is attached. I review this list monthly and add anything suggested in the previous meeting.

#### **E.** Minnesota Watersheds Updates

The Minnesota Watersheds Annual Conference and Trade Show starts Tuesday, December 3<sup>rd,</sup> and runs through Friday, December 6<sup>th</sup>. The agenda can be <u>found here</u>.

Tuesday night includes a new event and can be attended if you arrive on Tuesday evening before 6:30 PM. The event is titled Minnesota Watersheds Government Relations Discussion. This is a discussion with the Minnesota Watershed's lobbyists and members regarding setting legislative priorities and understanding how their process works.

Various workshops are held on Wednesday during the day starting at 9:00 AM. The main part of the conference kicks off on Wednesday evening with the trade show and night at the movies.

Thursday morning kicks off with regional caucus meetings. We belong to Region III, which includes the metro area watersheds. This meeting is a chance to meet with your regional counterparts, nominate members for the MW board, and review the business meeting itemss.

Thursday after the caucus meetings will be the main concurrent educational session. Then, Thursday evening, there is the banquet and awards.

Friday morning is when the business meeting is held. That information is in the attached meeting materials. At our November board meeting, we can discuss the items listed below, and I can try and answer any questions you may have. Also, at our November meeting, you must choose the two delegates to represent and vote for RWMWD at the Minnesota Watersheds business meeting.

At the business meeting, the following items will be reviewed and voted on:

- 1. Proposed 2025 Budget
- 2. Proposed Strategic Plan Revisions
- 3. Proposed Legislative Platform Updates
- 4. Proposed Bylaw Changes
- 5. Proposed Resolutions



# Minnesota Watersheds 2024 Annual Conference December 3 - 6 Grand View Lodge, Nisswa, Minnesota

## **Member Meeting Materials**

Enclosed are the following items:

- 1. Notice of Annual Meeting
- 2. Delegate Appointment Form
- 3. Annual Business Meeting Agenda
- 4. 2023 Annual Business Meeting Minutes
- 5. Proposed Fiscal Year 2025 Budget
- 6. Proposed Strategic Plan Revisions
- 7. Proposed Legislative Platform Updates
- 8. Proposed Bylaws Changes
- 9. Resolutions Packet
- 10. Active Resolutions

Please note that the Delegate Appointment Forms are REQUIRED. For the annual business meeting to be held, a quorum of 44 delegates MUST be present. Please return your Delegate Appointment Forms to Maddy Bohn at <a href="mailto:mnwatershed@gmail.com">mnwatershed@gmail.com</a> at your earliest convenience.

This packet has been distributed to administrators and managers via email. No paper copies of this packet will be sent via the U.S. Postal Service.

We are looking forward to seeing you at this year's conference!

PLEASE BRING THIS INFORMATION PACKET WITH YOU TO THE CONVENTION.

EXTRA COPIES WILL NOT BE AVAILABLE ON SITE. THANK YOU!!



# Minnesota Watersheds 2024 Annual Meeting Notice

NOTICE IS HEREBY GIVEN that the 2024 Annual Meeting of Minnesota Watersheds will be held at the Grand View Lodge, Nisswa, Minnesota beginning at 9:00 a.m. on Friday, December 6, 2024 for the following purposes:

- 1. To receive and accept the reports of the President, Secretary, and Treasurer regarding the business of the association of the past year;
- 2. To receive the report of the auditor;
- 3. To consider and act upon the Fiscal Year 2025 budget;
- 4. To consider and act upon proposed Strategic Plan revisions;
- 5. To consider and act upon proposed Legislative Platform updates;
- To consider and act upon proposed Bylaws changes;
- 7. To consider and act upon proposed Resolutions;
- 8. To elect three directors, one from each region, for terms ending in 2027; and
- 9. To consider and act upon any other business that may properly come before the membership.

Sincerely,

Wanda Holker

Secretary



# Minnesota Watersheds 2024 Delegate Appointment Form

The		he	ereby certifies that it is
name o	f watershed org		•
a watershed district or wa good standing pursuant t Minnesota Watersheds fo	to Minnesot	a Statutes 103B or 10	-
The		he	ereby further certifies
name o	f watershed org	ganization	•
the following individuals delegate, all of whom watershed district or wat	are manage	ers in good standing	
Delegate #1:			
Delegate #2:			
Alternate:			
	Authorized by:		
		Signature	Date
		Title	

\*\* Please return this form to <a href="mailto:mnwatershed@gmail.com">mnwatershed@gmail.com</a> at your earliest convenience. \*\*



# Minnesota Watersheds 2024 Annual Conference

Grand View Lodge, Nisswa, MN

# Annual Business Meeting AGENDA Friday, December 6, 2024 | 9 a.m.

#### **GENERAL BUSINESS**

9:00 a.m. Call to Order

9:01 a.m. Approval of Agenda (Action)

9:02 a.m. Approval of 2023 Annual Business Meeting Minutes (Action) – Linda Vavra

9:05 a.m. Treasurer's Reports – Linda Vavra

2024 Year End Financial Report (Action)

2024 Review of Financial Procedure Report (Action)

2025 Proposed Budget (Action)

#### REPORTS

9:30 a.m. President's Report – Linda Vavra

9:40 a.m. Caucus Election Results Report – Linda Vavra

9:45 a.m. Executive Director's Report – Jan Voit

10:05 a.m. Board of Water and Soil Resources Report – Assistant Director Justin Hanson

#### **ACTION ITEMS**

10:20 a.m. STRATEGIC PLAN (Action) – Linda Vavra

10:35 a.m. **LEGISLATIVE PLATFORM** (Action) – Linda Vavra

10:50 a.m. **BYLAWS HEARING** (Action) – Linda Vavra

11:05 a.m. **RESOLUTIONS HEARING** (Action) – Linda Vavra

Note: There will be two microphones in the room – One to use if you are "FOR" an amendment and one if you are "AGAINST" an amendment. If you wish to testify on a resolution, please proceed to the appropriate microphone and limit your comments to 2 minutes.

**Resolution 1** – Regulatory Approaches to Reducing Chloride Contamination

**Resolution 2** – Allowing Alternative Notice of Watershed District Proceedings by Publication on District's Website

**Resolution 3** – Providing for Watershed Management Organization Representation on Wetland Technical Evaluation Panels in Seven-County Metropolitan Area

**Resolution 4** – Seeking the Ability to Allow Resale of Acquisition Buyout Property

Resolution 5 – Seeking the DNR to Establish a "Comprehensive Guideline for Calcareous Fen Management"

Resolution 6 – Seeking Clarification of Minn. Rule 8420.0935, Subp. 1

**Resolution 7** – Seeking the DNR to Adopt a Program to Incentive Calcareous Fen Management on Private Lands

**Resolution 8** – Seeking the Removal of the Water Resource Enforcement Officer

**Resolution 9** – Seeking the Amendment of Minn. Rule 8420.0935, Subp. 3.A.

Resolution 10 – Seeking a Formal Process to Distribute a Complete List of Calcareous Fens Annually

**Resolution 11** – Seeking Regular Reevaluation of the Designated Species List

**Resolution 12** – Seeking the Development of a Calcareous Fen Work Group

**Resolution 13** – Requesting Minnesota Watersheds Support to Request New Legislation to Set Permit Review Time Limits upon the Department of Natural Resources

12:00 p.m. **ADJOURNMENT** 

# Minnesota Watersheds Annual Business Meeting

December 1, 2023



#### 1. CALL TO ORDER

The 2023 Minnesota Watersheds Annual Business Meeting was convened at 9:00 a.m. by President Linda Vavra, Bois de Sioux Watershed District (WD).

#### 2. GENERAL HOUSEKEEPING

#### Agenda

David Ziegler, Riley Purgatory Bluff Creek WD made a motion to approve the agenda. Jill Crafton, Riley Purgatory Bluff Creek WD seconded the motion. The motion passed by voice vote.

#### Secretary's Report

President Vavra presented the minutes of the 2022 Annual Business Meeting. Bill Petersen, Middle Snake Tamarac Rivers WD moved to approve the Secretary's Report. Jackie Anderson, Comfort Lake Forest Lake WD seconded the motion. The motion passed by voice vote.

#### Treasurer's Report

President Vavra presented the following reports:

- 2023 Year End Financial Report and Statement of Financial Position. David Ziegler, Riley
  Purgatory Bluff Creek WD moved to approve the 2023 Year End Financial Report. Don Pereira,
  Valley Branch WD seconded the motion. The motion passed by voice vote.
- Independent Accountant's Report on Applying Agreed upon Financial Procedures. The report
  dated November 21, 2023 was prepared by Redpath and Company, Ltd. David Ziegler, Riley
  Purgatory Bluff Creek WD made a motion to accept the Report on Applying Agreed upon
  Financial Procedures. Dennis Kral, Pelican River WD seconded the motion. The motion passed
  by voice vote.
- <u>2024 Proposed Budget</u>. David Ziegler, Riley Purgatory Bluff Creek WD moved to approve the 2023 Proposed Budget. Bill Petersen, Middle Snake Tamarac Rivers WD seconded the motion. The motion passed by voice vote.

#### 3. REPORTS

Reports were given by President Vavra and Executive Director Voit.

#### 4. M.S. Chapter 103D Proposed Fixes

Executive Director Voit provided an overview of the proposed update to M.S. Chapter 103D. These changes are proposed to modernize the language and make the project process more transparent. The changes are purely housekeeping. No funding will be necessary. When the final version is complete, it will be distributed to members, along with talking points to use in discussions with legislators for the upcoming legislative session.

#### 5. BYLAWS HEARING

Grace Butler, Nine Mile Creek WD made a motion to open the Bylaws Hearing. David Ziegler, Riley Purgatory Bluff Creek WD seconded the motion. The motion passed by voice vote.

President Vavra turned the meeting over to Bylaws Committee Co-chair Jamie Beyer, Bois de Sioux WD. Ms. Beyer reported on the proposed changes to the Bylaws. A motion was made by Mike Bradley, Rice Creek WD to approve the proposed changes to the Bylaws. The motion was seconded by Joe Collins, Capitol Region WD. The motion passed by voice vote.

A motion was made by Mike Lee, Shell Rock River WD to close the Bylaws Hearing. Bill Petersen, Middle Snake Tamarac Rivers WD seconded the motion. The motion passed by voice vote.

#### 6. RESOLUTIONS HEARING

A motion was made by Grace Butler, Nine Mile Creek WD to open the Resolutions Hearing. The motion was seconded by Shaun Kennedy, Bassett Creek Watershed Management Commission and passed by voice vote. Jamie Beyer, Resolutions Committee Co-chair presided over the Resolutions Hearing.

#### Resolution #1 Resolution to Require Watershed District Permits for all State Agencies

Tara Jensen, Wild Rice WD presented the resolution. David Ziegler, Riley Purgatory Bluff Creek WD moved to adopt Resolution #1. Dennis Kral, Pelican River WD seconded the motion. It was brought to everyone's attention that the resolution in the packet had been amended by the Minnesota Watersheds Board of Directors at their meeting on November 28. Once noted, the motion and second were withdrawn.

David Ziegler, Riley Purgatory Bluff Creek WD moved to adopt Resolution #1 as amended. Dennis Kral, Pelican River WD seconded the motion. Following discussion, Brian Johnson, South Washington WD made a motion to call the question. Don Pereira, Valley Branch WD seconded the motion, which passed by voice vote.

The vote on the motion to adopt Resolution #1 was passed by voice vote.

Adopted Resolution 2023-1: NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports amending Minnesota Statutes § 103D.345, Subd. 5 to read as follows: Subd. 5.
 Applicability of permit requirements to state. A rule adopted by the managers that requires a permit for an activity applies to all state agencies, including the Department of Transportation.

# Resolution #2 Resolution Seeking to Clarify Budget Adoption Deadlines and Certification Types for Watershed Districts

Dan Coughlin, Middle Fork Crow River WD presented the resolution. Dennis Kral made a motion to table Resolution #2 indefinitely. Don Pereira, Valley Branch WD seconded the motion.

Following discussion, Brian Johnson, South Washington WD made a motion to call the question. Don Pereira, Valley Branch WD seconded the motion, which passed by voice vote.

The vote on the motion to table Resolution #2 indefinitely passed by voice vote.

## Resolution #3 Resolution to Support New Legislation Modeled After HF2687 and SF2419 (2018) Regarding DNR Regulatory Authority over Public Drainage Maintenance and Repairs

Nick Tomczik, Rice Creek WD presented the resolution. Mike Bradley, Rice Creek WD moved to adopt Resolution #3. Jill Crafton, Riley Purgatory Bluff Creek WD seconded the motion. The motion passed by voice vote.

 Adopted Resolution 2023-3: NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports the introduction of new legislation modeled after HF2687 and SF2419 and commits its lobbying efforts toward promoting the passage of the bills in subsequent sessions.

# Resolution #4 Resolution Seeking Action for Streamlining the DNR Flood Hazard Mitigation Grant Program

Dan Money, Two Rivers WD presented the resolution. Andrew Weber, Lac qui Parle-Yellow Bank WD moved to adopt Resolution #4. Benjamin Carp, Ramsey Washington Metro WD seconded the motion. The motion passed by voice vote.

Adopted Resolution 2023-4: NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds
adopt a resolution seeking action requiring the DNR to establish transparent scoring, ranking,
and funding criteria for the Flood Hazard Mitigation Program (M.S. Chapter 103F) and asking
the Minnesota Legislature to fully fund the state's share of eligible projects that are on the
DNR's list within each two-year bonding cycle. Information regarding scoring, ranking, and
funding should be provided annually to project applicants.

# Resolution #5 Resolution Seeking Increased Flexibility in the Open Meeting Law to Utilize Interactive Technology

David Ziegler, Riley-Purgatory-Bluff Creek WD presented the resolution. Don Pereira, Valley Branch WD moved to adopt Resolution #5. Celia Wirth, Brown's Creek WD seconded the motion.

Following discussion, David Ziegler, Riley Purgatory Bluff Creek WD made a motion to call the question. Dennis Kral, Pelican River WD seconded the motion, which passed by voice vote.

The motion to adopt Resolution #5 was passed by voice vote.

Adopted Resolution 2023-5: NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds
hereby supports changes to the Open Meeting Law to provide greater flexibility in the use of
interactive technology by allowing members to participate remotely in a nonpublic location
that is not noticed, without limit on the number of times such remote participation may occur;
and allowing public participation from a remote location by interactive technology, or
alternatively from the regular meeting location where interactive technology will be made
available for each meeting, unless otherwise noticed under Minnesota Statutes Section
13D.021; BE IT FURTHER RESOLVED that Minnesota Watersheds supports changes to the Open
Meeting Law requiring watershed district to prepare and publish procedures for conducting
public meetings using interactive technology.

# Resolution #6 Resolution Seeking Minnesota Watersheds Education and Outreach to Encourage Formation of Watershed Districts in Unserved Areas

Jackie Anderson and David Bakke, Comfort Lake Forest Lake WD presented the resolution. Jeff Gertgen, Middle Fork Crow River WD moved to adopt Resolution #6. Shawn Mazanec, Capitol Region WD seconded the motion. The motion was passed by voice vote.

 Adopted Resolution 2023-6: NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds, in consultation with its membership, develop a framework for education and outreach intended to encourage petition and advocacy for the formation of watershed districts in areas of the state not presently served by watershed-based public agencies.

#### 7. LEGISLATIVE PLATFORM

President Vavra and Executive Director Voit presented the Legislative Platform. David Ziegler, Riley Purgatory Bluff Creek WD made a motion to adopt the Legislative Platform. Dennis Kral, Pelican River WD seconded the motion. The motion passed by voice vote.

#### 8. ADJOURNMENT

President Vavra thanked the members for their participation in the business meeting and the annual conference. She adjourned the meeting at 11:01 a.m.

Wanda Holker Secretary



#### Memorandum

DATE: October 31, 2024

TO: Minnesota Watersheds Members

FROM: Finance Committee Co-chairs David Ziegler, Riley Purgatory Bluff Creek WD and Tera Guetter, Pelican River WD

RE: Draft FY24 Financial Statement, Review of Financial Procedure Report, and Proposed FY25 Budget

It is important to note that most of Minnesota Watersheds revenue is generated through payment of dues.

#### **INCOME FY24 ACTUAL**

- The FY24 dues were based on the dues structure adopted by the membership at the 2022 annual business meeting. We also had increased income from regaining the membership of Buffalo Creek and Heron Lake WDs.
- The income for the Legislative event, Summer Tour, and Annual Conference remained steady.

#### **EXPENSES FY24 ACTUAL**

Administrative and Program Management

- Administrative and Communications Support Contract: funds paid to the Executive Director.
- Event and Communication Management Contract: funds paid to the Program Manager for managing Minnesota Watersheds events.
- Newsletter formatting, Website, social media, etc. Contract: funds paid to the Program Manager for these tasks.

#### **Government Relations**

Lobbying – Contracted Services: funds paid to lobbyists Ray Bohn and Lockridge Grindal Nauen.

#### **Professional Services**

- Legal Fees: funds paid for general legal services.
- Legal Fees Drainage Work Group: funds paid to represent members at the DWG.
- Legal Fees M.S. Chapter 103D modernization: funds paid to assist with statutory language changes and testifying at the legislature.
- Legal Fees Amicus Brief JD 39: funds paid to draft and submit a brief to the Minnesota Supreme Court regarding Red Lake JD 39.
- Accounting and Audit Fees: funds paid to Obremski Ltd. for monthly accounting and bookkeeping services, and to Redpath Ltd. for the agreed upon procedures report.
- Insurance: funds paid for insurance coverage for errors and omissions insurance for the Minnesota Watersheds Board of Directors, and for general coverage for office, records, and office equipment.

#### Office Expenses

- Rent: funds paid to Capitol Region WD for storage and office rent.
- Mileage and General Office Expenses: for directors and contractors, as well as office supplies.

#### **Board and Committee Meetings**

• Per Diems and Expenses - Directors: funds paid to directors for serving on the Board of Directors and Minnesota Watersheds Committees.

#### **Education and Events**

• The actual costs incurred for implementing the Legislative Briefing and Day at the Capitol, Summer Tour, and Annual Conference.

#### 2024 REVIEW OF FINANCIAL PROCEDURE REPORT

The report from Redpath Ltd. for the agreed upon procedures has not been submitted. It will be distributed to members as soon as it is available.

#### INCOME PROPOSED FY25 BUDGET

- The estimated dues for FY25 are based upon payment in full by current members with the dues structure that was approved by the membership in 2022.
- The estimated income for the annual conference in FY25 is based on actual revenue received in FY24.
- The estimated costs for the Legislative Day at the Capitol and Summer Tour are based on actual costs for FY24.

#### **EXPENSES PROPOSED FY24 BUDGET**

#### Administrative and Communications Support

- Administrative and Communications Support: projected expense for the Executive Director.
- Event and Communication Management: projected expense for Program Manager for managing Minnesota Watersheds events (Legislative Briefing and Day at the Capitol; Summer Tour; and Annual Conference).
- Newsletter formatting, website, social media, etc. Contract: projected expense for Program Manager.

#### **Government Relations**

- Lobbyist Contract: for lobbyist Ray Bohn through December 31, 2024.
- Lobbyist Contract: for the Lockridge Grindal Nauen lobbying team.

#### **Professional Services**

- Legal Fees: costs incurred by Smith Partners for general legal work.
- Legal Fees Drainage Work Group (DWG): costs incurred for Smith Partners to represent members at the DWG on an as-needed basis.
- Drainage Work Group Contract: costs for Myron Jesme to represent Minnesota Watersheds at DWG meetings and subcommittee meetings.
- Accounting and auditing funds paid to Obremski Ltd. for monthly accounting and bookkeeping services, and to Redpath Ltd. for the agreed upon procedures report.
- Insurance coverage for errors and omissions insurance for the Minnesota Watersheds Board of Directors, and for general coverage for office, records, and office equipment.

#### Office Expenses

- Rent: funds paid to Capitol Region WD for storage and office rent.
- Mileage and General Office Expenses: for directors and contractors, as well as office supplies.

#### **Board and Committee Meetings**

 Per Diems and Expenses - Directors: Funds paid to directors for serving on the Board of Directors and Minnesota Watersheds Committees.

#### Special projects

 Funds for anticipated costs incurred with the Watershed Handbook, surveys, or promotional items.

#### **Education and Events**

• Estimated costs for implementing the Annual Conference, Legislative Briefing and Day at the Capitol, Summer Tour, credit card processing fees, and special workshops.

Even with the additional projected expenses, we are projecting a modest increase in available capital at the end of FY25.

Questions regarding the FY25 proposed budget and/or the FY24 financial information should be directed to David Ziegler, Treasurer (<a href="mailto:david\_ziegler@outlook.com">david\_ziegler@outlook.com</a> or 952-905-1889) or Jan Voit (<a href="mailto:jvoit@mnwatersheds.com">jvoit@mnwatersheds.com</a> or 507-822-0921).

Minnesota Watersheds Prepared 10/9/2024 DRAFT FY24 Financial Report and Proposed FY25 Budget October 1, 2024 through September 30, 2025 FY2025\*\* FY2024\* FY2024 FY2023\* Oct'23-Sep'24 Oct'22-Sep'23 FY 2024 FY 2023 **BUDGET BUDGET INCOME** ACTUAL **ACTUAL Dues - Watershed District Members** 262,421 251,008 255,986 227,065 Dues - Watershed Management Organization Members 22.500 22.500 22,500 22.500 Annual Conference Registrations 91,000 87,000 120,885 114,563 Annual Conference Trade Show and sponsorships 42,300 43,500 13,000 Legislative Day at the Capitol 5,500 4,000 5,339 6,913 20,000 20,000 Summer Tour 28,250 18,658 Minnesota Watersheds Workshops 2,500 2,500 25 25 563 481 Interest **TOTAL REVENUES** 446.246 430.533 446.523 390.180 **EXPENSES Administration & Program Management** Administrative and Communications Support - Contract 105.000 111.600 95.532 89.708 Event and Communication Management - Contract 45,000 43,200 43,200 40,719 Newsletters, Website, Social Media, etc. - Contract 4,500 7,000 3,354 6,027 **Government Relations** Lobbying - Contracted Services - Ray Bohn, MGA 11,250 45,000 45.000 33,122 Lobbying - Contracted Services - Lockridge Grindal Nauen 56,244 30,000 22,500 Lobbyist Expenses 1,000 1,000 450 353 **Professional Services** Legal Fees 25,000 25,000 5,327 17,118 Legal Fees - Drainage Work Group 7,500 7,500 8,115 5,289 28,161 Legal Fees - M.S. Chapter 103D modernization Legal Fees - Amicus Brief JD 39 7.005 Drainage Work Group - Myron Jesme contract 5,000 5,000 2,217 Accounting and Audit Fees 14,400 15,000 13,100 14,100 Insurance 1,700 1,700 734 2,407 **Office Expenses** 2,400 4,800 2,400 3,000 Mileage and General Office Expenses 15,000 10,000 12,965 10,783 Dues, Other Organizations Other Special Items 3,700 2,500 1,700 510 250 250 Memorials **Board and Committee Meetings** 25,000 25,000 19,915 23,724 Per Diems and Expenses - Directors **Board and Committee Meeting Expenses** 1,000 1,000 Special Projects Watershed Handbook, Surveys, etc. 44 5,000 5,000 4,466 **Education and Events** Annual Conference 75,000 54,500 74,778 60,046 Legislative Day at the Capitol 5,500 5,500 5,778 4,508 20,000 20,000 22,840 14,379 **Summer Tour** Credit Card Processing Fees 4.100 4,100 1,534 939 Special Workshops 3,700 2,500 **TOTAL EXPENSES** 437,244 427,150 416,649 331,197 **REVENUES OVER (LESS THAN) EXPENSES** 9,002 58,983 3,383 29,874 STATEMENT OF NET POSITION Assets, Cash and Equivalents, actual 293,210 270,378 Dues receivable Deposits received - deferred, prepaid expenses 1,347 (4,313)(19,726)(21,108)Liabilities, accounts payable, taxes payable **ENDING NET ASSETS** 274,831 244,957 These are final numbers. \*\*FY25 Budget approved by Finance Committee on 10/09/2024 and the MW BOD on 10/28/2024.



#### Memorandum

DATE: October 31, 2024

TO: Minnesota Watersheds Members

FROM: Committee Co-Chairs David Ziegler, Riley Purgatory Bluff Creek WD and Andy Henschel, Shell Rock

River WD

**RE:** Proposed Strategic Plan Updates

In December of 2022, the Minnesota Watersheds membership adopted the 10-Year Strategic Plan. Over the course of the last two years, many of the strategies and tactics have begun and some have been completed. With those accomplishments in mind, the Strategic Plan Committee met to review the plan.

#### **Proposed revisions**

- Many of the proposed changes are minor wordsmithing. The 10-year plan was also updated to reflect plan accomplishments.
- The introduction was revised to include the Annual Work Plan for the Minnesota Watersheds Board of Directors (Board).
- Revisions to the committee's section were made to reflect the committee makeup and processes described in the Manual of Policy and Procedures.
- It is necessary for Minnesota Watersheds to engage with members and non-members. Revisions in this section were made to reflect those needs.
- Clarifying language was added to the section regarding streamlining the resolutions and legislative priorities processes.
- Acknowledging the Legislative Coordination and Communication Plan was added to the lobbying section, as well as addressing the need for members to develop personal relationships with their legislators.
- An annual work plan for the Board was added.
- Expectations for support and advocacy from the Minnesota Watersheds representatives on the Board of Water and Soil Resources and Clean Water Council were incorporated.
- The tactics timetable was updated to include the executive director's work plan for 2025 and 2026.

Questions regarding the Strategic Plan and/or the proposed revisions should be directed to David Ziegler (<a href="mailto:david ziegler@outlook.com">david ziegler@outlook.com</a>), Andy Henschel (<a href="mailto:andy.henschel@co.freeborn.mn.us">andy.henschel@co.freeborn.mn.us</a>), or Jan Voit (<a href="mailto:jvoit@mnwatersheds.org">jvoit@mnwatersheds.org</a>).



## 10-YEAR STRATEGIC PLAN

December 2, 2022

Updated: December 6, 2024

#### **Abstract**

This document defines Minnesota Watersheds' mission and vision for the future and identifies goals, objectives, strategies, and tactics.

#### Contents

Introduction	2
Definitions	2
Strategic Plan	2
Mission	2
Vision	2
Values	2
Goals, Objectives, Strategies, and Tactics	2
Goal 1: Fortify the infrastructure of Minnesota Watersheds to ensure reliable delivery of service	s2
Objectives, Strategies, and Tactics to Achieve Goal 1	2
Goal 2: Build a watershed community that supports one another.	4
Objectives, Strategies, and Tactics to Achieve Goal 2	4
Goal 3: Serve as a liaison to collaborate with statewide agencies and associations	5
Objectives, Strategies, and Tactics to Achieve Goal 3	5
Goal 4: Ensure strong legislative policies are in place for watershed management	5
Objectives, Strategies, and Tactics to Achieve Goal 4	5
Goal 5: Enhance the skills of watershed district and watershed management organization board	s 6
Objectives, Strategies, and Tactics to Achieve Goal 5	6
Supporting Resources	7
Bylaws	7
Manual of Policy and Procedures	7
Organizational Chart	7
Board of Directors Annual Work Plan	8
Minnesota Watersheds Representatives Expectations for Support and Advocacy	10
Tactics Timetable	10

# MINNESOTA WATERSHEDS STRATEGIC PLAN GOALS AND OBJECTIVES

MISSION: To support and advocate for leaders in watershed management.

**VISION:** To establish excellence and innovation in all watershed-based organizations.

#### **GOALS AND OBJECTIVES:**



Fortify the infrastructure of Minnesota Watersheds to ensure reliable delivery of services.

- Ensure Minnesota Watersheds governance and management are aligned with the Strategic Plan.
- Develop concentrated communication efforts.
- Empower Minnesota Watersheds to accomplish its goals and objectives.
- Invest in technological resources to accommodate access to information.
- Better utilize member and executive committees for healthy and sustainable Minnesota Watersheds' operations.



#### Build a watershed community that supports one another.

- Enhance member engagement through inclusivity.
- Grow membership.
- Expand participation at Minnesota Watersheds' events.
- Increase member involvement on committees and the Minnesota Watersheds Board of Directors to assure member needs are met.



Serve as a liaison to collaborate with statewide agencies and associations.

- Increase collaborative efforts between the Board of Water and Soil Resources and Minnesota Watersheds.
- Increase partnership activities with statewide entities.



Ensure strong legislative policies are in place for watershed management.

- Streamline the resolutions and legislative platform processes.
- Articulate clearly defined legislative policies so members and Minnesota Watersheds' representatives can accurately state our positions.
- Focus and prioritize lobbying efforts.
- Increase member engagement in the legislative process.



Enhance the skills of watershed district and watershed management organization boards.

 Provide guidance and direction for efficient and effective member board operations.

#### Introduction

This document is intended to be a **long-range**, **10-year Strategic Plan**. Each year the Strategic Plan Committee will make recommendations to the Minnesota Watersheds Board of Directors on the organization's top priorities. The Annual Work Plan for the Minnesota Watersheds Board of Directors will be developed based on the goals, objectives, strategies, and tactics described in this plan, as well as the day-to-day operations described in the Manual of Policy and Procedures. The Tactics Timetable will be developed based upon priorities determined by the Strategic Plan Committee and recommended to the Minnesota Watersheds Board of Directors as follows: annual work plan for the Minnesota Watersheds Board of Directors; two-year work plan for the Executive Director; and five- and 10-year work plans based on Strategic Plan Committee priorities and work accomplished. This process will be done to better ensure accomplishing the goals and setting expectations for member watershed districts, watershed management organizations, the Minnesota Watersheds Board of Directors, and the Executive Director.

#### **Definitions**

Members – dues paying Watershed districts and Watershed management organizations Non-members – Watershed districts and Watershed management organizations that have chosen not to pay dues

#### Strategic Plan

#### Mission

To support and advocate for leaders in watershed management.

#### Vision

To establish excellence and innovation in all watershed-based organizations.

#### **Values**

**Collaborate**: work with partners to enhance members' watershed management skills and initiatives. **Efficient**: provide services to maximize effective science-based principles for watershed management. **Support**: promote and assist members' efforts in watershed management.

**Member-driven**: seek and consider input to ensure the organization's decisions reflect members' voices. **Transparent**: communicate information about the performance, financial position, and governance of the organization in an open and honest manner.

Goals, Objectives, Strategies, and Tactics

Goal 1: Fortify the infrastructure of Minnesota Watersheds to ensure reliable delivery of services.

Objectives, Strategies, and Tactics to Achieve Goal 1

- 1. Ensure Minnesota Watersheds' governance and management are aligned with the Strategic Plan.
  - Focus the organization's efforts on defined goals, strategies, objectives, and tactics.
    - i. Confirm, each month, that Board of Directors' actions reflect the Strategic Plan.
    - ii. If new issues arise that require significant resources, seek member support before pursuing.

- iii. Do not adopt major policies or expenditures without staff review and recommendations that consider pros and cons, alternatives, costs, and member perspectives.
- 2. Develop concentrated communication efforts.
  - Communication plan.
    - i. Develop Maintain the adopted communication plan that brings structure and consistency to all Minnesota Watersheds' communication efforts.
  - Newsletters.
    - i. Adhere to a consistent process for newsletter development and distribution, as well as a process for posting newsletters on the website.
    - ii. Ensure newsletters are distributed to members and non-members.
  - Minnesota Watersheds Board of Directors agendas and meeting packets.
    - i. Distribute agendas and meeting packets directly to each member organization ahead of each meeting and post agendas on the website.
- 3. Empower Minnesota Watersheds to accomplish its goals and objectives.
  - Sufficient staffing.
    - i. Invest in sufficient staff to complete identified strategies and tactics.
  - Suitable policies
    - i. Set policies that ensure adequate funding for staffing and technological resources.
    - ii. Develop an annual work plan for the Minnesota Watersheds Board of Directors.
- 4. Invest in technological resources to accommodate access to information.
  - Robust website.
    - i. Update Maintain the website to be an up-to-date website that is a and complete resource for boards and administrators.
  - Efficient internal communication tool.
    - i. Work with Minnesota Association of Watershed Administrators to launch <u>and house</u> a platform for data sharing <u>and networking</u>.
    - ii. Transition electronic files to the cloud for reliable backup and document sharing among staff.
- 5. Better utilize member and executive committees for healthy and sustainable Minnesota Watersheds' operations.
  - Member committees.
    - Maintain four member committees: Awards, Events/Education, Legislative, and Resolutions/Policy.
    - ii. Adjust-Support committee leadership toof one manager and one administrator who serve as co-chairs. Continue to populate the committees with one manager and one administrator from each region.
    - iii. Refine Review committee scopes of work annually.
    - iv. Develop annual work plans for committees.
  - Executive committees.
    - i. Form Retain three executive committees: Governance, Personnel, and Finance.
    - ii. Governance Committee: Members include one Minnesota Watersheds Board member from each regionthe Minnesota Watersheds President, Vice President, Secretary, and except for the Personnel Committee, the Executive Director.
      - Combine the bylaws, Manual of Policy and Procedures, and Committee
        into one executive governance committee. This committee wouldwill
        handle minor day-to-day issues and make recommendations to the
        board of directors. When major reviews or revisions to the Bylaws,
        Manual of Policy and Procedures, and/or the Strategic Plan are

warranted, form-the appropriatea member committee will meet, as defined above, to perform the assigned work.

- iii. Personnel Committee: Members include the Minnesota Watersheds President, Vice President, <u>Secretary</u>, and Treasurer.
- iv. Finance Committee: Members include the President, Vice President, <u>Secretary</u>, Treasurer, and Executive Director.
  - The Executive Finance Committee will prepare a budget, with the
     assistance of the member finance committee and the accountant, and
     make the annual recommendation to the board of directors on
     regarding dues. Form a member committee, as defined above, when
     major projects are warranted, such as proposing a new dues structure.
- v. Refine Review committee scopes of work annually.
- vi. Develop annual work plans for committees.

Goal 2: Build a watershed community that supports one another. Objectives, Strategies, and Tactics to Achieve Goal 2

- 1. Enhance member engagement through inclusivity.
  - Change Retain Minnesota Watersheds the name of the organization to accurately represent membership.
    - i. Adopt Minnesota Watersheds as the new name of the organization.
- 2. Grow and sustain membership.
  - Develop and share membership benefits information.
  - <u>Meet individually with members to understand their needs, address concerns, and</u> strengthen the partnership with Minnesota Watersheds.
  - Meet individually with non-members to address concerns and increase the number of watershed districts and watershed management organizations as Minnesota Watersheds members.
    - Start-Continue discussions with the 10-five non-member watershed districts and 15 non-member watershed management organizations on the benefits of membership.
    - ii. Use <u>the Minnesota Watersheds Regional Board of Directors and/or</u>
      Administrators to advocate for Minnesota Watersheds around the state.
- 3. Expand participation at Minnesota Watersheds events.
  - Increase the number of members that attend Minnesota Watersheds events.
    - i. Be inclusive of members and non-members for Minnesota Watersheds events and meetings to maintain a sense of fairness, apply discounts to members.
    - ii. Hold regional caucuses in conjunction with all Minnesota Watersheds events.
    - iii. Increase the current average attendance of members at Minnesota Watersheds events: Legislative Meeting (75), Summer Tour (130), and Annual Conference (500).
- 4. Increase member involvement on committees and the Minnesota Watersheds Board of Directors to assure member needs are met.
  - Promote the importance of member involvement in the Minnesota Watersheds Board of Directors and on the committees to provide direction and guidance for the organization.
    - i. Ensure members have opportunities to voice concerns and provide input at board and committee meetings.
    - ii. Advocate for Minnesota Watersheds activities through newsletters and the website.

Goal 3: Serve as a liaison to collaborate with statewide agencies and associations.

Objectives, Strategies, and Tactics to Achieve Goal 3

- 1. Increase collaborative efforts between the Board of Water and Soil Resources and Minnesota Watersheds.
  - Work with the Board of Water and Soil Resources leadership to address member concerns.
    - Strengthen the working relationship with the Board of Water and Soil Resources
       <u>by Identify identifying points</u> of contention, developing a work plan to address
       issues, and improve develop opportunities for reducing concerns.
- 2. Increase partnership activities with statewide entities.
  - Identify opportunities to work with <u>the</u> Minnesota Association of Watershed
     Administrators, Minnesota Association of Soil and Water Conservations Districts, the
     Association of Minnesota Counties, the League of Minnesota Cities, Local Government
     Water Roundtable, Drainage Work Group, Clean Water Council, Red River Watershed
     Management Board, <u>Department of Natural Resources</u>, <u>Minnesota Pollution Control</u>
     <u>Agency</u>, and others as deemed appropriate to promote watershed management.
    - Ensure Minnesota Watersheds staff attend Board of Water and Soil Resources, Clean Water Council, and Drainage Work Group meetings and provide updates for members.
    - ii. Strengthen the partnership with <a href="the-">the</a> Minnesota Association of Watershed Administrators through the Executive Director's attendance at Minnesota Association of Watershed Administrators meetings and collaboration on education opportunities at Minnesota Watersheds events.
    - iii. Increase opportunities to partner and track collaboration with Minnesota Association of Soil and Water Conservation Districts, League of Minnesota Cities, Local Government Water Roundtable, and Association of Minnesota Counties.
    - iv. Advocate for the appointment of effective watershed district board members with the Board of Water and Soil Resources and the Association of Minnesota Counties.

Goal 4: Ensure strong legislative policies are in place for watershed management. Objectives, Strategies, and Tactics to Achieve Goal 4

- 1. Streamline the resolutions and legislative platform priorities processes.
  - Evaluate the current resolutions and legislative platform priorities process.
    - i. Identify alternative methods to achieve concurrence on resolutions, adopt a revised process, or reaffirm that the current process works for the membership.
    - i.i. Identify alternative methods to achieve concurrence on the legislative priorities, adopt a revised process, or reaffirm that the current process works for the membership.
- 2. Articulate clearly defined legislative policies so members and Minnesota Watersheds representatives can accurately state our positions <u>and priorities</u>.
  - Develop-Maintain a comprehensive legislative platform of clearly defined policies.
    - i. Work with Minnesota Association of Watershed Administrators and the <u>Legislative Committee</u>, and the Resolutions Committee to <u>annually review</u> <u>develop a fullthe Legislative policy documentPlatform</u> that <u>is inclusive of includes</u> policies <u>and priorities</u> that can remain on the books indefinitely or until members approve changes to those positions, <u>including a process to handle</u> <u>emerging issues at the legislature</u>.

- ii. Draft expectations for support and advocacy for Minnesota Watersheds representatives that serve on the Board of Water and Soil Resources Board, Clean Water Council, and the Local Government Water Roundtable.
- 3. Focus and prioritize lobbying efforts.
  - Identify legislative issues impacting the most members.
    - i. Support legislation that promotes watershed management.
    - Fend off legislation that limits member abilities to protect and restore water resources.
    - iii. Ensure the Minnesota Watersheds lobbyist(s) have clear direction on Minnesota Watersheds legislative priorities.
    - iv. Align workload with the resources set aside for lobbying and mManage member expectations regarding the Minnesota Watersheds legislative program.
    - v. Serve as a legislative point of contact for members to answer questions and provide direction.
    - wi. Maintain the adopted Legislative Coordination and Communication Plan that
       describes how Minnesota Watersheds and the Red River Watershed
       Management Board coordinate and communicate before, during, and after the
       Minnesota legislative sessions.
- 4. Increase member engagement in the legislative process.
  - Encourage member involvement on the resolutions and legislative committees.
    - i. Solicit more direct input from members when setting legislative priorities by surveying members or provide another avenue for members to get feedback to the committee before they make a recommendation to the board.
    - ii. Promote committee membership to ensure members' voices are reflected in the legislative platform and legislative priorities.
    - iii. Encourage members to develop personal relationships with legislators.
  - Increase communication with members about legislative activity.
    - i. Provide timely and useful reminders to members about how and when engagement with legislators is needed.
    - ii. Present members with information that describes how they can assist the Minnesota Watersheds <u>lobbyist lobbying team</u> during and outside of the legislative session.
    - iii. Host an annual event for members to learn about Minnesota Watersheds' legislative platform <u>and priorities</u> and <u>to</u> receive guidance on how to discuss and interact with legislators on issues.
    - iv. <u>Urge members to Personally personally call-contact</u> and invite legislators to attend their local events as well as Minnesota Watersheds events.
    - v. Set up appointments with members and legislators.

Goal 5: Enhance the skills of watershed district and watershed management organization boards. Objectives, Strategies, and Tactics to Achieve Goal 5

- 1. Provide guidance and direction for efficient and effective member watershed district and watershed management organizations board operations.
  - Offer comprehensive training for watershed district and watershed management organizations boards.
    - i. Provide training sessions at all Minnesota Watersheds events.
    - ii. Increase opportunities for the sharing of knowledge between members at Minnesota Watersheds events.

- iii. Maintain an up-to-date watershed handbook by reviewing the handbook annually and revising it as warranted.
- iv. Work collaboratively with <u>BWSR-the Board of Water and Soil Resources</u> to provide regional training.
- v. Utilize the expertise, knowledge, and experience of Minnesota Watersheds staff and the Minnesota Association of Watershed Administrators in the development of education and training for watershed district and watershed management organization boards.

### **Supporting Resources**

In addition to the Strategic Plan, Minnesota Watersheds has developed supporting resources for its governance and management. The Bylaws and Manual of Policy and Procedures will be reviewed annually and updated as necessary. The Minnesota Watersheds Board of Directors can update all documents except the bylaws which require adoption by the membership. For the most up-to-date versions of these documents, visit Minnesota Watersheds (mnwatersheds.com) www.mnwatershed.org.

### **Bylaws**

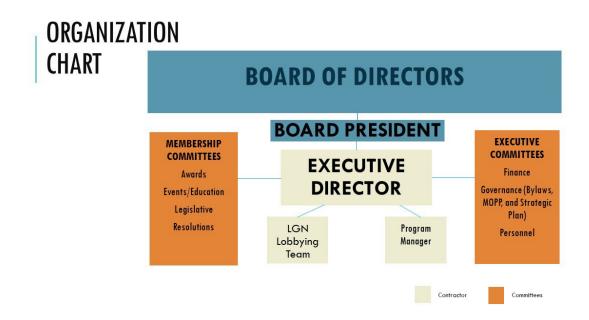
Bylaws are the written rules for conduct of the organization. The Bylaws can be found herehere.

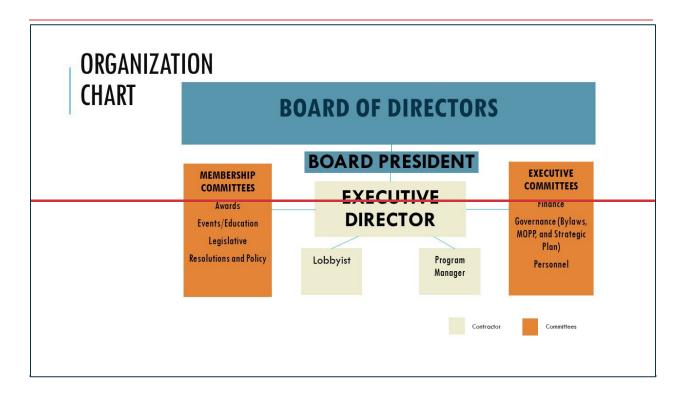
### Manual of Policy and Procedures

The Manual of Policy and Procedures is designed to regulate all major decisions, actions, and principles of Minnesota Watersheds. The Manual of Policy and Procedures can be found herehere.

### Organizational Chart

An organizational chart shows the chain of command within an organization and can be found below.





### Board of Directors Annual Work Plan

The Board of Directors Annual Work Plan was developed based on the goals, objectives, strategies, and tactics identified in the Strategic Plan, as well as the day-to-day operations described in the Manual of Policy and Procedures.



### Minnesota Watersheds Board of Directors 2025 Work Plan

Purpose	The Minnesota Watersheds Board of Directors will work with the Executive Director to ensure the Bylaws, Manual of Policies and Procedures (MOPP), and Strategic Plan of the organization are kept up to date and adequately guide the organization.
Tasks	Goal 1. Fortify the infrastructure to ensure reliable delivery of services  Work together to ensure daily operations align with the Bylaws, MOPP, and Strategic Plan.  Review the Communication Plan annually  Provide funding for website maintenance  Provide funding for a platform for data sharing  Support the committee framework as described in the Strategic Plan  Read weekly communication  Review recommendations from committees  Goal 2. Build a watershed community that supports one another  When requested, meet individually with non-members to address concerns with the goal of increasing membership  Provide for and participate in the Legislative meeting, Summer Tour, and Annual Conference  Goal 3. Serve as a liaison to collaborate with statewide agencies and associations  Support the work of the executive director to strengthen the working relationship with the Board of Water and Soil Resources and the Minnesota Association of Watershed Administrators  Support the executive director's attendance at Board of Water and Soil Resources, Clean Water Council, and Drainage Work Group meetings  Support opportunities to partner with the Local Government Water Roundtable, Red River Watershed Management Board, and other entities  Goal 4. Ensure strong legislative policies are in place for watershed management  Ensure the legislative platform is provided to all member organizations  Support the executive director's work with representatives on the Board of Water and Soil Resources and Clean Water Council  Provide for lobbying services  Goal 5. Enhance the skills of watershed district and watershed management organization boards  Provide for watershed handbook maintenance  Provide funding for training opportunities at Minnesota Watersheds events
Meeting Logistics	The Minnesota Watersheds Board of Directors will meet in person at the Legislative event, Summer Tour, and Annual Conference. They will meet as needed throughout the remainder of the year.

Minnesota Watersheds | 1005 Mainstreet | Hopkins, MN 55343 | 507-822-0921 <u>www.mnwatersheds.com</u>

### Minnesota Watersheds Representatives Expectations for Support and Advocacy

Goal 4 of the Minnesota Watersheds Strategic Plan is to ensure strong legislative policies are in place for watershed management. Objective 2 under this goal is to articulate clearly defined legislative policies so members and Minnesota Watersheds representatives can accurately state our positions.

At the 2023 Annual Business Meeting, the membership adopted a comprehensive platform of clearly defined policies that was developed in partnership with the Minnesota Association of Watershed Administrators and the Resolutions Committee. Tactic 2 under this objective is to draft expectations for support and advocacy for Minnesota Watersheds representatives that serve on the Board of Water and Soil Resources (BWSR) Board, Clean Water Council (CWC), and Local Government Water Roundtable (LGWRT).

Review of the BWSR and CWC websites indicates that each entity is supported by several committees.

These committees meet at least annually. However, there is little or no interaction between the watershed representatives on these committees and the Minnesota Watersheds Executive Director.

To improve communication, watershed representatives on the BWSR Board, CWC, and LGWRT are asked to inform the Minnesota Watersheds Executive Director in advance of each committee and monthly board meeting. If necessary, the representative(s) and Minnesota Watersheds Executive Director will meet to discuss agenda items to ensure our position(s) on a topic or topics is accurately presented. The watershed representative will take meeting notes and follow up with the Minnesota Watersheds Executive Director after each meeting. Updates will be provided to the Minnesota Watersheds Board of Directors when requested.

BWSR Committees	Watershed Representative
Administrative Advisory	
	Joe Collins
	Jill Crafton
	LeRoy Ose
Audit and Oversight	
	Joe Collins
Buffers, Soils, and Drainage	
	LeRoy Ose
Dispute Resolution	
	Joe Collins
Grants Program and Policy	
	Jill Crafton
	LeRoy Ose
RIM Reserve	
	LeRoy Ose
Water Management and Strategic Plan	
	Joe Collins
Wetland Conservation	
	Jill Crafton
Drainage Work Group	
	None

Clean Water Council Committees	Watershed Representative
Budget and Outcomes	
	None
Policy	
	Marcie Weinandt
Steering	
	None

### **Tactics Timetable**

The Tactics Timetable<sup>1</sup> was developed based upon priorities determined by the Strategic Plan Committee and recommended to the Minnesota Watersheds Board of Directors as follows: annual work plan for the Minnesota Watersheds Board of Directors; two-year work plan for the Executive Director<sup>2</sup>; and five- and 10-year work plans based on work accomplished. This is done to better ensure accomplishing the goals and setting expectations for member watershed districts, watershed management organizations, the Minnesota Watersheds Board of Directors, and the Executive Director.

Goal 1. Fortify the infrastructure to ensure	Start	Completed	Process	2025	2026
reliable delivery of services		Completed	1100033	Hours	Hours
Tactics					
Governance and Management					
Confirm, each month, that Board of Directors actions reflect the Strategic					
Plan ( <b>#8 priority</b> )	1/1/2023		Staff review	5	5
Staff review and recommendations for major policies or expenditures	1/1/2023		Staff review	12	12
Communication					
			Staff development		
Maintain a communication plan (#3 priority)	3/7/2023	5/22/2023	Board approval	8	8
Adhere to a consistent process for newsletter development and distribution	1/1/2023		Staff development	75	75
Distribute meeting packets directly to members	1/1/2023		Board approval	2	2
Post agendas on website	1/1/2023		Board approval	2	2
Technological Resources					
			Board approval		
Maintain website	1/1/2023		Staff development	15	15
Work with Minnesota Association of Watershed Administrators to launch a			Board approval		
platform for data sharing ( <b>#6 priority</b> )	2/15/2023		Staff development	20	20
Committees					
Events-Education	1/1/2023		Co-chairs and staff	15	15
Resolutions	4/12/2023		Co-chairs and staff	19	19
Awards	8/1/2023		Co-chairs and staff	1	1
Legislative	6/7/2023		Co-chairs and staff	9	9
Finance	8/5/2023		Co-chairs and staff	6	6
Governance (Bylaws-MOPP and Strategic Plan)	1/1/2023		Co-chairs and staff	19	19
Personnel			Executive Committee	0	0

 $<sup>^{\</sup>rm 1}$  Hours in the Tactics Timetable are ESTIMATED.

<sup>&</sup>lt;sup>2</sup> In addition to the information contained in the Tactics Timetable, the Executive Director also carries out the daily operations of Minnesota Watersheds as shown in the table on page 10. The Tactics Timetable and Daily Operations tables together form the two-year Work Plan for the Executive Director. All hours are ESTIMATED and based on an average time commitment of 1,750 hours per year 40-hour work week containing 2,088 work hours.

Goal 2. Build a watershed community that supports one another	Start Date	Completed	Process	2025 Hours	2026 Hours
Tactics	Date			Hours	Hours
Enhance member engagement through inclusivity					
Retain Minnesota Watersheds as the name of the organization (#7 priority)	1/1/2023	3/14/2023	Membership approval	0	0
Grow membership (#5 priority)					
Develop and share membership services information	2/2/2023		Staff development	2	2
			Staff development		
Meet individually with non-members to address concerns and increase			Partnership with		
membership	12/23/2022		MW BOD & MAWA	10	10
Expand participation at Minnesota Watersheds events					
Legislative Meeting	1/4/2023		Staff and committee	25	25
Summer Tour Summer Tour	2/2/2023		Staff and committee	60	60
Annual Conference	4/12/2023		Staff and committee	120	120

Goal 3. Serve as a liaison to collaborate with statewide agencies and associations	Start Date	Completed	Process	2025 Hours	2026 Hours
Tactics					
Increase collaborative efforts between Board of Water and Soil Resources and	Minnesota Wa	tersheds (# <b>4</b>	priority)		
Strengthen the working relationship with BWSR by identifying points of					
contention, developing a plan to address, and reduce concerns	1/1/2023		Staff development	50	50
Identify Opportunities to Partner to Promote Watershed Management					
Attend Board of Water and Soil Resources, Clean Water Council, and					
Drainage Work Group meetings and provide updates (#10 priority)	1/1/2023		Staff attendance	200	200
Strengthen partnership with Minnesota Association of Watershed					
Administrators through the Executive Director's attendance at Minnesota					
Association of Watershed Administrators meetings and collaboration on					
education opportunities at Minnesota Watersheds' events	1/1/2023		Staff attendance	60	60
Increase opportunities to partner and track collaboration with Minnesota					
Association of Soil and Water Conservation Districts, League of Minnesota					
Cities, Local Government Water Roundtable, Association of Minnesota					
Counties, and Red River Watershed Management Board	1/1/2023		Staff development	65	65

Goal 4. Ensure strong legislative policies are in place for watershed	Start	Completed	Process	2025	2026
management	Date			Hours	Hours
Tactics					
Develop Comprehensive Platform of Policies					
			Staff development		
			Partnership with		
Maintain a comprehensive legislative platform (#1 priority)	3/9/2023	12/1/2023	MW BOD & MAWA	5	5
			Staff development		
			Partnership with		
Draft expectations for representatives on BWSR board, CWC, LGWRT			MW BOD & MAWA	25	25
Identify Legislative Issue Impacting Members (#2 priority)					
Support legislation that promotes watershed management	1/1/2023		Staff time	40	40
Fend off legislation that limits abilities to protect and restore water					
resources	1/1/2023		Staff time	40	40
Ensure lobbyist(s) have clear direction on legislative priorities	1/1/2023		Staff time	75	75
Align workload with the resources set aside for lobbying and manage					
member expectations			Staff time	20	20
Evaluate Current Resolutions and Legislative Platform Process (#2 priority)					
			Staff development		
Identify alternative methods, adopt revised process, or reaffirm current			Partnership with		
process			MW BOD & MAWA	5	5

Goal 5. Enhance the skills of watershed district and watershed management organization boards	Start Date	Completed	Process	2025 Hours	2026 Hours
Tactics					
Offer comprehensive training for watershed district and watershed					
management organization boards					
			Staff development		
Maintain an up-to-date watershed handbook by reviewing it annually and			Partnership with		
revising it as warranted ( <b>#9 priority</b> )	1/1/2023	10/2/2023	MW BOD & MAWA	65	65
Work with BWSR on regional training				25	25
Utilitze the expertise of staff and Minnesota Association of Watershed					
Administrators in the development of education and training for			Staff development		
watershed officials (#11 priority)	3/7/2023		in partnership with MAWA	10	10

			2025 Hours	2026 Hours
			1110	1110
Administration	1/1/2023		259	259
General Communication	1/1/2023		300	300
MW Board Meetings	1/13/2023		68	68
Meetings with Program Manager	1/3/2023		13	13
TOTAL HOURS			1750	1750



### Memorandum

DATE: October 31, 2024

TO: Minnesota Watersheds Members

FROM: Legislative Committee Co-Chairs Gene Tiedemann, Red Lake WD and Michelle Overholser, Yellow

Medicine River WD

**RE:** Proposed Legislative Platform Changes

At the 2024 Annual Conference, the membership adopted its first Legislative Platform that outlines positions on legislative matters and serves as the foundation for our organization to support or oppose various local, state, and federal legislation. The membership requested that this document be reviewed annually.

With that directive, the Minnesota Association of Watershed Administrators (MAWA) Legislative Platform Committee met in May, reviewed the document, and made recommendations for consideration at the joint meeting of the Legislative and Resolutions Committees. The Legislative and Resolutions Committees met jointly on June 21 to review the changes suggested by the MAWA Legislative Platform Committee and to discuss changes they believed to be necessary. The following proposed revisions are recommended by the three committees referenced previously.

### **Proposed Revisions**

- Many of the proposed changes are minor wordsmithing.
- Clarification of what the legislative platform is based upon was added.
- An "Emerging Issues" section was incorporated.
- Committee members made several recommendations for additional issues under the Drainage, Water Quality, Agency Relations, and Natural Resources categories.
- A results section was added to the document.

Questions regarding the Legislative Platform and/or the proposed revisions should be directed to Gene Tiedemann (<a href="mailto:gtiedemann@rrv.net">gtiedemann@rrv.net</a>), Michelle Overholser (<a href="mailto:michelle.overholser@ymrwd.com">michelle.overholser@ymrwd.com</a>), or Jan Voit (<a href="mailto:jvoit@mnwatersheds.org">jvoit@mnwatersheds.org</a>).



# 2024 LEGISLATIVE PLATFORM 2025 LEGISLATIVE PLATFORM

#### Abstract

This document articulates clearly defined legislative policies so members and Minnesota Watersheds representatives on the Board of Water and Soil Resources Board, Clean Water Council, and Local Government Water Roundtable can accurately state our positions.

Adopted December 1, 20236,2024

### Contents

Purpo	ose	. 3
Emer	ging Issues	. 3
Finan	ce	. 3
1.	Capacity	. 3
2.	Grant Funding	.3
Urbar	n Stormwater	. 4
1.	Stormwater Quality Treatment	. 4
2.	Water Reuse	. 4
Wate	r Quantity	. 4
1.	Drainage	. 4
2.	Funding	. 5
3.	Flood Control	. 5
4.	Regulation	. 5
5.	Policy	. 5
Wate	r Quality	. 5
1.	Lakes	. 6
2.	Wetlands	. 6
3.	Rivers and Streams	. 6
4.	Policy	. 6
Wate	rshed Management and Operations	. 6
1.	Watershed Powers	. 6
2.	Watershed Duties	. 6
3.	Watershed Planning	. 7
Agen	cy Relations	. 7
1.	Advocacy	. 7
2.	Representation	. 7
3.	Regulation	. 7
Regul	ations	. 7
Natur	ral Resources	.8
1.	Planning	.8
2.	Policy	.8
3.	Habitat	.8

Minnesota Watersheds Representatives	Error! Bookmark not define		
Expectations for Support and Advocacy	Error! Bookmark not defined		
2024 Results	<u>c</u>		
Water Quantity	<u> </u>		
Drainage	<u> </u>		
Watershed Management and Operations	Ç		
Watershed Planning			

### Purpose

Minnesota Watersheds represents both watershed districts and watershed management organizations (collectively referred to as Watersheds). That representation underscores the necessity of protecting Watershed powers, duties, and planning responsibilities on a watershed basis.

This legislative platform outlines Minnesota Watersheds positions on legislative matters and serves as the foundation for our organization to support or oppose various local, state, and federal legislation. The legislative platform is based on adopted resolutions and emerging issues as identified by the MAWA Legislative Platform Committee and the Minnesota Watersheds Resolutions and Legislative Committees and adopted by the membership. It also is designed to articulates clearly articulate defined legislative policies so members and Minnesota Watersheds representatives on the Board of Water and Soil Resources Board, Clean Water Council, and Local Government Water Roundtable can accurately state our positions.

### **Emerging Issues**

New or developing problems or concerns may arise that require attention before or during the legislative session. Those problems or concerns likely have not been addressed through the resolutions process, may or may not be identified in the legislative platform, but will need to be addressed by the lobbying team and executive director through attendance and meetings, written comments, testifying at hearings, or legislation. Flexibility is necessary so that the lobbying team and executive director can be proactive on behalf of Minnesota Watersheds with state agencies, non-governmental organizations, and at the legislature.

The Minnesota Watersheds Manual of Policy and Procedures states: In the event legislation or state agency policy is introduced that may cause harm to Minnesota Watersheds members and there is no policy adopted by Minnesota Watersheds on the issue, the Minnesota Watersheds Board of Directors may review the legislation or policy and adopt a temporary position on the issue on behalf of the organization. The policy position will be in effect until the next annual resolutions hearing. At that time, the membership must review the policy position and vote on whether it should become a permanent policy position or should expire.

### **Finance**

Watershed-organizations are tasked with many responsibilities by Minnesota statute and the local priorities are set by their boards. To effectively perform those duties, adequate funding is necessary. Although some Watersheds have levy authority, there are many other avenues of funding that are important for achieving local water management, as well as water quality and quantity goals.

#### 1. Capacity

- a. Support Clean Water Funds for implementation, not capacity (Resolution 2021-01A and B)
- b. Support capacity funding for watershed districts (Resolution 2021-02)
- c. Support General Fund repayment of Soil and Water Conservation District capacity funds to the Clean Water Fund

#### 2. Grant Funding

a. Support metro watershed-based implementation funding for approved 103B plans only (Resolution 2021-07)

- b. Support a more equitable formula for watershed-based implementation funding in the metro
- c. Lobby for watershed-specific grant funding

### **Urban Stormwater**

Watersheds and land use management partners work to reduce polluted stormwater runoff and/or increase infiltration from urbanization and hard surfaces. Many Watersheds in the state have adopted regulatory standards and/or official controls to successfully manage urban stormwater when land alterations occur. Watersheds also implement a variety of urban stormwater management practices to treat runoff before it enters our lakes, streams, and wetlands.

### 1. Stormwater Quality Treatment

- a. Support limited liability for certified commercial salt applicators (Resolution 2022-02)
- Support, partner/collaborate with a municipal separate storm sewer system (MS4s\_municipal separate storm sewer system) (if/where appropriate) in permit compliance activities
- c. Support the use of green infrastructure and minimizing impervious surfaces, where practical, in urban development and planning
- d. Where it may exist, support removing duplication of urban stormwater regulatory standards and controls
- e. Support the rescission of the Department of Labor and Industry/Plumbing Board Final Interpretation of Inquiry PB0159, storm drainage surcharge to return to common engineering practice for stormwater pond design

#### 2. Water Reuse

- a. Support <u>creation of athe</u> Stormwater Reuse Task Force and for the Minnesota Department of Health to complete a review process (Resolution 2022-01)
- b. Support efforts to clarify and simplify State Plumbing Board rulings and requirements to facilitate more reuse of rainwater/stormwater

### Water Quantity

Watersheds are directed by statute to conserve the natural resources of the state by land use planning, flood control, and other conservation projects. Specific purposes refer to flood damage reduction, stream flows, water supply, and drainage ditchessystems, as well as to identify and plan for effective protection and improvement of surface water and groundwater, and to protect and enhance fish and wildlife habitat and water recreational facilities. Numerous past, present, and future legislative initiatives have affected how water quantity issues are managed at the local level. This very broad-based topic includes management of the volume of water (drought, flooding, water supply), the flow of water (drainage, storm water, channel restoration, habitat), and recreational (lakes, rivers, wetlands) activities like fishing, boating, and hunting.

#### 1. Drainage

 Support the current statutory requirements for notification and coordination in the development of petitioned repairs, drainage improvement projects, and new drainage systems

- b. Support the addition of a classification for public drainage systems that are artificial watercourses (Resolution 2019-02)
- Seek increased support for and participation in the Drainage Work Group (Resolution 2022-03)
- d. Oppose the drainage registry information portal
- e. Oppose incorporating increased environmental, land use, and multipurpose water management criteria (M.S. 103E.015 requirements)
- f. Comply with the legislative mandate to review outlet adequacy and notification requirements in the Drainage Work Group
- g. Support new legislation modeled after HF2687 and SF2419 (2018) regarding DNR

  Department of Natural Resources regulatory authority over public drainage maintenance and repairs (Resolution 2023-03)
- h. Oppose mandatory Environmental Assessment Worksheets for drainage projects
- i. <u>Investigate ways of maintaining water flow during periods of drought and to explore opportunities for aquifer recharge.</u>

### 2. Funding

- a. Obtain stable funding for flood damage reduction and natural resources enhancement projects (Resolution 2022-05)
- b. Clarify county financing obligations and/or authorize watershed district general obligation bonding for public drainage projects (Resolution 2019-04)

#### 3. Flood Control

- a. Support crop insurance to include crop losses within impoundment areas (Resolution 2021-05)
- b. Seek action for streamlining the <a href="DNR-Department of Natural Resources">DNR-Department of Natural Resources</a> Flood Hazard Mitigation Grant Program (Resolution 2023-04)

### 4. Regulation

- a. Support temporary water storage on Department of Natural Resources wetlands during major flood events (Resolution 2020-04)
- b. Support managing water flows in the Minnesota River Basin (statewide) through increased water storage and other strategies and practices (Resolution 2019 03)
- c. Work with Minnesota Department of Transportation to support flood control and how to handle increased water volume issues along state and federal highway systems (example from Bemidji district of MnDOTthe Minnesota Department of Transportation)

### 5. Policy

- a. Support funding for watershed-based climate resiliency projects and studies
- b. Support funding for best management practices that protect and enhance groundwater supply

### Water Quality

Protecting and improving the quality of surface and ground water in our Watersheds is an essential component of managing water resources on a watershed basis.

#### 1. Lakes

- a. Support limiting wake boat activities (Resolution 2022-06)
- b. Support designation change and research needs for the Chinese Mystery Snail (Resolution 2019-07)
- c. Support temporary lake quarantine authorization to control the spread of aquatic invasive species (Resolution 2017-02)
- d. Support streamlining permit applications for rough fish management
- e. Support dredging as a best management practice to manage internal phosphorus loads in lakes

### 2. Wetlands

- a. Support a statutory requirement for water level control structures in wetland restorations and wetland banks
- b. Support federal, state, and local funding for wetland restoration and protection activities
- Seek clarification of the statutorily modified definition of wetlands and the effects on watershed implementation of the Wetland Conservation Act (Minnesota Laws 2024, Chapter 90, Article 3, section 77)

#### 3. Rivers and Streams

- a. Support a statutory deadline for Department of Natural Resources Public Waters Work Permits (45-60 days)
- Support automatic transfer of public waters work permits to Watersheds (M.S. Chapter 103G.245 Subd.5

### 4. Policy

- a. Support funding for watershed-based climate resiliency projects and studies
- b. Support funding for best management practices that protect groundwater quality

### Watershed Management and Operations

Protecting, enhancing, defending, and supporting existing Watershed statutory powers, duties, and planning responsibilities is necessary for effective and efficient watershed management and operations. Specific Watershed powers, duties, and planning responsibilities are contained in Minnesota Statutes Chapter 103B and Chapter 103D.

### 1. Watershed Powers

- a. Support and defend eminent domain powers for watershed districts
- b. Support Watershed powers to levy property taxes and collect special assessments
- c. Support a watershed district's power to accept the transfer of drainage systems in the watershed; to repair, improve, and maintain the transferred drainage systems; and to construct all new drainage systems and improvements of existing drainage systems in the watershed
- d. Support a Watershed's power to regulate the use and development of land within its boundaries

#### Watershed Duties

- a. Support a Watershed's duty to initiate projects
- b. Support a Watershed's duty to maintain and operate existing projects

c. Support increased flexibility in the open meeting law (Resolution 2023-05)

### 3. Watershed Planning

- a. Support a Watershed's ability to jointly or cooperatively manage and/or plan for the management of surface and ground water
- b. Support watershed autonomy during and following a One Watershed, One Plan development process
- c. Support the connection between watershed-based implementation and funding
- d. Support development of a soil health goal for metropolitan watershed management plans (Resolution 2020-03)
- e. <u>Support Education education</u> and outreach to encourage formation of watershed districts in unserved areas (Resolution 2023-06)

### Agency Relations

Watershed organizations work with many federal and state agencies to accomplish their mission. While relationships vary from administrative to funding and regulatory, agency policies and procedures can have a major impact on Watershed operations and projects. Maintaining strong, positive relations and ensuring Watersheds have a role in policy making is key to successful watershed management and operations.

### 1. Advocacy

- a. Require a 60-day review periods before state agencies adopt new policies related to water and watershed management (Resolution 2021-06)
- b. Increase collaborative efforts between Minnesota Watersheds and all state agencies involved in water management

### 2. Representation

a. Support watershed district managers being appointed, not allowing county commissioners to serve as managers

### 3. Regulation

- a. Streamline the Department of Natural Resources permitting process by increasing
   responsiveness, decreasing the amount of time it takes to approve permits, providing a
   detailed fee schedule prior to application, and conducting water level management practices
   that result in their reaction more quickly to serious, changing climate conditions (Resolution
   2019-01)
- b. Require watershed district permits for all state agencies (Resolution 2023-01)
- c. Oppose mandatory Environmental Assessment Worksheets for drainage projects

### Regulations

Watershed representation on state and local panels and committees and the ability for Watersheds to regulate development and use of land within the organization's boundaries without prohibitive regulatory restrictions is necessary.

- a. Oppose legislation that forces spending on political boundaries (Resolution 2019-06)
- b. Support the ability to appeal public water designations (Resolution 2020-01)
- c. Seek Watershed membership on Wetland Technical Evaluation Panels (Resolution 2019 05)

### **Natural Resources**

Minnesota Statutes direct Watersheds to conserve the natural resources of the state. Some of the purposes listed in statute are to conserve water in streams and water supply, alleviate soil erosion and siltation of water courses or water basins, regulate improvements by riparian property owners of the beds, banks, and shores of lakes, streams, and wetlands for preservation and beneficial public use; protect or enhance the water quality in water courses or water basins; and protect and preserve groundwater resources.

### 1. Planning

- a. Ensure timely updates to Wildlife Management Area plans (Resolution 2018-06)
- b. Support Watershed inclusion in development of state plans (i.e., Prairie Plan, State Water Plan, etc.) related to water and watershed management

### 2. Policy

- a. Support funding for climate resiliency
- b. <u>Seek clarification in the statutory language regarding funding for and updating the public</u> waters inventory (Minnesota Laws 2024, Chapter 116, Article 3, section 47)

### 3. Habitat

- a. Clarify buffer rule issues
- b. Support funding to reduce erosion and sedimentation
- c. Support funding for the enhancement, establishment, and protection of stream corridors and riparian areas
- d. Support funding for the enhancement and protection of habitats

### 2024 Results

This section will document when an issue is resolved.

### Water Quantity

### Drainage

- Comply with the legislative mandate to review outlet adequacy and notification requirements in the Drainage Work Group
  - During the 2023 legislative session (Minnesota Laws 2023, Chapter 60, Article 5, section 21), BWSR and the DWG were directed by the legislature to evaluate and develop recommendations on the definition and application of outlet adequacy as provided in M.S. Chapter 103E.261 and public notice requirements for drainage activities, including a drainage registry portal. The report was developed during DWG meetings following the 2023 legislative session. The report was submitted to the legislature on February 1, 2024 as required by the statutory language.

### Watershed Management and Operations

### Watershed Planning

- Support watershed autonomy during and following a One Watershed, One Plan development process
  - Changes were made to clarify and modernize M.S. Chapter 103D during the 2024 legislative session (Minnesota Laws 2024, Chapter 90, Article 3, section 42). M.S. Chapter 103D.401 was clarified that a watershed district maintains the authority to adopt a plan even when participating in a comprehensive watershed management planning program under section 103B.801 (One Watershed, One Plan/1W1P).



### Memorandum

DATE: October 31, 2024

TO: Minnesota Watersheds Members

FROM: Bylaws-MOPP Committee Co-chairs Linda Vavra and Jamie Beyer, Bois de Sioux WD

**RE:** Proposed Bylaws Changes

The Bylaws Committee met on October 14 to discuss proposed Bylaws changes. The proposed changes were also discussed at the Minnesota Watersheds Board of Directors (Board) meeting on October 28. The proposed changes are shown in track changes throughout the document.

- Several small additions and corrections are recommended for clarification.
- The date on the document is updated.
- The language in the quorum section was revised to provide clarification for the number of delegates each member organization appoints, as well as how a quorum is established.
- Article VI regarding committees is added so the Bylaws are in line with the change in committee makeup that was made through the Strategic Plan.

Questions regarding these proposed changes should be directed to Linda Vavra at <a href="https://linda.com

### **BYLAWS**

### MINNESOTA ASSOCIATION OF WATERSHED DISTRICTS, INC.

### **Doing business as Minnesota Watersheds**

St. Paul, Minnesota

### ARTICLE I. Offices and Corporate Seal

- 1.1 Official Name. The official name of the corporation is the Minnesota Association of Watershed Districts, Inc., which conducts business under the registered assumed name of, and is hereinafter referred to as, Minnesota Watersheds.
- 1.2 <u>Purpose</u>. The purpose of Minnesota Watersheds is to provide educational opportunities, access to information resources, interface with other agencies, facilitate tours, meetings, and lobby on behalf of members. Additionally, Minnesota Watersheds will facilitate the exchange of information to help members better comply with governmental regulations and laws while offering an informed interface with the community or communities being served. Minnesota Watersheds will work to secure the capacity of its members to implement their statutory powers and purposes.
- 1.3 Organized. The corporation is organized as a 501(c)(4) organization. Notwithstanding any provision of the Articles of Incorporation or Bylaws which may be interpreted to the contrary, Minnesota Watersheds shall not authorize or undertake any actions which jeopardize its status as a 501(c)(4) organization.
- 1.4 Office. The registered office of the corporation shall be designated by the Board of Directors.
- 1.5 <u>Corporate Seal</u>. The corporation shall have no corporate seal.
- 1.6 Manual of Policy and Procedures. The Board of Directors has established a management document identified as the Manual of Policy and Procedures to support the orderly and timely details of regular operation. It may be revised at any time by a majority vote of the Board of Directors.

### ARTICLE II. Membership

- 2.1 <u>Membership</u>. Each dues-paying watershed district or watershed management organization duly established and in good standing pursuant to Minnesota Statutes, Chapter 103B or 103D, shall be entitled to membership in this corporation.
- 2.2 <u>Delegates. Alternates</u>. When a watershed district or watershed management organization becomes a member of this corporation, it shall designate from among its board members two delegates to represent it in this corporation. In addition, each member may designate alternate delegates to represent such member in the absence of any originally designated delegate. Thereafter, each member shall annually designate its delegates and alternate delegates so long as it remains a member in good standing of this corporation.

- 2.3 <u>Termination of Membership</u>. Any member that has failed to pay its dues is not in good standing and shall be stricken from the membership roll.
- 2.4 <u>Resignation of Member</u>. Any member may withdraw from this corporation effective immediately by notifying the secretary in writing. Regardless of the date of termination, there shall be no refund of the annual dues paid by the member.

### ARTICLE III. Meetings of Membership

- 3.1 <u>Annual Business Meeting</u>. An annual meeting of this corporation shall be held to transact such business as shall properly come before them. Notice of the time and place of such annual meeting shall be mailed, either physically or electronically, by the secretary to all members at least thirty (30) days in advance thereof.
- 3.2 <u>Special Meeting</u>. Special meetings of the members of the corporation shall be called by the president upon request of a majority of directors of the Board of Directors or upon the written request of one-third of the members of the corporation in good standing. This request shall be in writing addressed to the president or the secretary of the corporation. Within thirty days of receipt of said request, the Board of Directors <u>shall,shall</u> mail (either physically or electronically) notice of said special meeting to all members. This notice shall state the objective of the meeting and the subjects to be considered.
- 3.3 Quorum. A majority of Each dues-paying watershed district or watershed management organization may appoint the up to two delegates (two per member). shall constitute a quorum for the transaction of business. A quorum consists of the majority of the delegates registered at the annual conference and in attendance irrespective of whether some have departed. Once a quorum has been established there shall be no further question as to the quorum.
- 3.4 <u>Voting</u>. Any action taken by the members shall be by majority vote of the delegates present unless otherwise specifically provided by these Bylaws. Each member shall be entitled to one (1) vote for each delegate present.

### ARTICLE IV. Board of Directors

- 4.1 General Powers. The business activities of the corporation shall be directed and managed by the Board of Directors. The Board of Directors shall be authorized to pay officers and directors of the corporation per diem allowances and expenses as may from time to time be submitted to the Board of Directors, and such other expenses as may from time to time be necessary for the furtherance of the corporation's business, consistent with the rate and provisions of watershed board member per diem allowances and expense reimbursement provided in state law. The Board of Directors is authorized to hire and/or contract for services needed.
- 4.2 <u>Directors to be Elected by Regions</u>. For the purpose of election of the Board of Directors, members are grouped into three regions; three Directors shall be elected from each region, with staggered three-year terms. Members from each region shall elect one director for a three-year term at the annual business meeting of <u>the AssociationMinnesota Watersheds</u>. No watershed district or watershed management organization shall have more than one board member elected to be a Director on the Board of Directors of the <u>Corporationcorporation</u>. In the event of a vacancy on the Board of Directors, the Board of Directors may appoint a member for the remaining term from a watershed district or watershed management organization with an existing representative on the

Board of Directors if there are no other candidates from the region requesting appointment to the position. In the event a vacancy is filled by the Board of Directors, such appointment shall be submitted to the regional caucus for approval at the next regional caucus meeting. Regional caucuses shall elect a Chairman and Recording Secretary report the election results to the Convention at a designated time. The member watershed districts and watershed management organizations present at the Regional Caucus meeting shall have full authority to elect a Chairman, Recording Secretary, and representatives to the Board of Directors.

- 4.3 <u>Regions</u>. The Board of Directors may re-align the regions or the members contained therein, it being the intent and purpose that each region contain the approximate same number of members. Any watershed district or watershed management organization in Minnesota not presently a member of this corporation, upon admission to membership, will be assigned to a region by the Board of Directors. Regional membership shall be listed in the Manual of Policy and Procedures.
- 4.4 <u>Number. Qualification, and Term of Office.</u> The number of directors constituting the <u>board-Board of Directors</u> shall be nine. Each director elected at the annual meeting shall be elected for a three-year term. Directors shall be on the board of a watershed district or watershed management organization that is a member in good standing of this corporation.
- 4.5 <u>Vacancies</u>. If there be a vacancy among the officers of the corporation or among the directors by reason of death, resignation, termination of membership, or removal as provided by law, the Articles of Incorporation, or these Bylaws, or otherwise or for non-excused absences for three consecutive meetings, such vacancy shall be filled by the Board of Directors until the next Annual Meeting of the <u>AssociationMinnesota Watersheds</u>.
- 4.6 Removal of Directors by Members. At a special meeting of the Board of Directors called solely for that reason, the notice of which meeting shall have been given in writing to members of this board the Board of Directors at least thirty days prior thereto and not more than fifty days prior thereto, a super majority of seven members of this board the Board of Directors may remove one or more directors from their term of office without cause.
- 4.7 <u>Meetings. Actions</u>. The Board of Directors shall hold the annual meeting of the Board of Directors immediately after the annual meeting of the members of this corporation, and at such annual meeting shall elect the officers as above provided. Regular meetings of the Board of Directors shall be held at a time and place to be fixed by resolution or adopted by the majority of the Board of Directors.

The majority of the Board of Directors shall constitute a quorum. Directors may participate and vote in Board of Directors meetings by telephone or other electronic means approved by the Board in the Manual of Policy and Procedures.

Actions may be taken by a majority vote of those Directors present or participating by telephone or other electronic means approved by the Board in the Manual of Policy and Procedures. The secretary Secretary of the board Board of Directors, with the assistance of the executive director, shall give written or electronic notice to each director at least ten (10)seven calendar days in advance of any regular or special directors' meeting. Special meetings may be called at the discretion of the President of the board Board of Directors or upon demand in writing to the secretary Secretary by three (3) directors of the Board of Directors.

4.8 <u>Conflicts of Interest</u>. Members of the Board of Directors shall act at all times in the best interests of the corporation. This means setting aside personal self-interest and performing their duties in

transacting the affairs of the corporation in such a manner that promotes public confidence and trust in the integrity, objectivity, and impartiality of the Board. No Director shall directly or indirectly receive any profit from his/her position as such, and Directors shall serve without remuneration other than as provided in Section 4.1 of these Bylaws for the payment for reasonable expenses incurred by them in the performance of their duties. The pecuniary interests of immediate family members or close personal or business associates of a director are considered to also be the pecuniary interest of the director.

4.9 <u>Indemnification</u>. All directors and officers of the corporation shall be indemnified against any and all claims that may be brought against them as a result of action taken by them on behalf of the corporation as provided for and subject to the requirements of Chapter 317A of Minnesota Statutes as amended.

### ARTICLE V. Board Officers

- 5.1 Officers and Duties. There shall be four officers of the boardBoard of Directors, consisting of a presidentPresident, viceVice presidentPresident, secretarySecretary, and treasurerTreasurer. All officers shall be directors of the corporation. Their terms and duties are as follows:
- 5.2 <u>President.</u> The <u>president President shall</u> serve a term of office of one year and may, upon re-election, succeed himself/herself for two additional successive terms. The <u>president President shall</u> have the following duties:
  - Convene and preside over regularly scheduled <u>and special board</u> meetings <u>of the Board of</u>
    Directors and annual or special Minnesota Watersheds membership meetings.
  - Have general powers and duties of supervision and management as directed by the Manual of Policy and Procedures.
  - Appoint such committees as he/she shall deem necessary with the advice and consent of the Board of Directors.
- 5.3 <u>Vice President</u>. The Vice President shall serve a term of office of one year and may, upon re-election, succeed himself/herself for two additional successive terms. The Vice President shall have the following duties:
  - Assume and perform the duties of the <u>president\_President\_in</u> case of his/her absence or incapacity; and shall chair committees on special subjects as designated by the President.
  - Have general powers and duties of supervision and management as directed by the Manual of Policy and Procedures.
- 5.4 <u>Secretary</u>. The Secretary shall serve a term of office of one year and may, upon re-election, succeed himself/herself for two additional successive terms.
  - The Secretary shall be responsible for preparing and keeping all records of board actions, including overseeing the taking of minutes at all board meetings, sending out meeting announcements, distributing copies of minutes and the agenda to each board memberdirector, and assuring that corporate records are maintained.
- 5.5 <u>Treasurer</u>. The Treasurer shall serve a term of office of one year and may, upon re-election, succeed himself/herself for two additional successive terms.

The <u>treasurer\_Treasurer\_shall\_Co-chair</u> the finance committee, maintain account of all funds deposited and disbursed, disburse corporate funds as designated by the Board of Directors, assist in the preparation of the budget, collect membership dues, and make financial information available to board members and the public.

### ARTICLE VI. Committees

6.1 Committees. Committee co-chairs shall be appointed by the Board of Directors. All committees shall have co-chairs.

#### **ARTICLE VII.**

### Fiscal Year, Dues and Annual Review of Financial Procedures

- 6.17.1 Fiscal Year. The fiscal year of the corporation shall end on September 30 each year.
- 6.27.2 Membership Dues. Dues will be determined annually by the Board of Directors as specified in the Manual of Policy and Procedures.
- 6.37.3 Annual Dues. Annual dues shall be payable in January of each year. If a member's dues are not paid on or before April 30 of each year, such member's name shall be stricken from the membership roll. Reinstatement shall be upon such terms and conditions as prescribed by the Board of Directors.
  - The Board of Directors shall have the authority to suspend or defer dues of any newly organized watershed district or watershed management organization that joins this association until such member watershed district or watershed management organization is in actual receipt of its first authorized fund. The Board shall send out the annual dues statement with payment directed to the Minnesota Watersheds accounting firm. The Board of Directors may consider deferring, suspending, or reducing dues to new members or on an individual case basis when an appeal is made by a member because of hardship or funding problems.
- 6.47.4 Annual Review of Financial Procedures. The Board of Directors of this corporation shall provide for an annual review of financial procedures of all its resources and expenditures. A full report of such review and financial status shall be furnished at each annual meeting of the members. This review will be conducted by an auditing firm selected by the Board of Directors with experience in the field of government and water management. The review results shall be furnished to all members within forty-five days after receipt thereof by the Treasurer.

### ARTICLE VIII. Employees

7.18.1 Employees. At the discretion of and under the direction of the Board of Directors, Minnesota Watersheds may choose to hire and administer various employees. Their positions and job expectations shall be individually developed and included in the Manual of Policy and Procedures.

#### ARTICLE **VIIII**X.

### **Resolutions and Petitions**

8.19.1 Resolutions: The <u>Co-</u>Chairs of the Minnesota Watersheds Resolutions Committee will send a request for resolutions, along with a form for submission, to the membership at least three months prior to the annual Minnesota Watersheds membership meeting. Resolutions and their justification

must be submitted to the Minnesota Watersheds Resolutions Committee in the required format at least two months prior to the annual Minnesota Watersheds membership meeting for committee review and recommendation. The committee will present these resolutions and their recommendations to the Board of Directors and the Minnesota Watersheds membership at least one month prior to the start of the annual Minnesota Watersheds membership meeting. The Board of Directors may make additional recommendations on each proposed resolution through its board meeting process. This same procedure will be used when policy issues are to be considered at any special Minnesota Watersheds membership meeting.

8.29.2 Petitions: Any member or group of members may submit to the Board of Directors at any time a petition requesting action, support for, rejection of, or additional information on any issue of potential importance to the members. Such petitions require signed resolutions from at least 15 members before a special meeting of the membership will be convened.

### ARTICLE IX. Chapters

9.110.1 Chapters. Members may form chapters to further the purposes stated in Article II of the Articles of Incorporation, to carry out policies of the Board of Directors, and to suggest policies for consideration by the Board of Directors.

### ARTICLE XI. Rules of Order

10.111.1 Rules. When consistent with its Articles of Incorporation and these Bylaws, the 12th current edition of Robert's Rules of Order Newly Revised shall govern provide guidance to the proceedings of this corporation. For consistency in operation, a copy shall be available for consultation if requested at every scheduled meeting of the Board of Directors and Membership meetings.

### ARTICLE XII. Amendments

- <u>11.112.1</u> Amendments. These Bylaws may be amended by a majority vote of the members of this corporation only as provided below.
- 41.212.2 Annual Meeting. At the annual meeting of the members of this corporation, the Bylaws may be amended by the majority of the members present if there is a quorum at said annual meeting and due notice has been given to the membership of the changes 30 days in advance of the meeting.
- 11.312.3 Special Meeting. These Bylaws may be amended by the members at a special meeting called for that reason but only by a majority vote of the entire membership of the corporation, and only if there has been thirty days' written notice to all members of such special meeting. Such special meeting may be called upon the request of one-third of the members of this corporation by notice in writing to the secretary or president, which notice shall ask for said special meeting and shall state the proposed Bylaws changes, and upon receipt of such request, the secretary Secretary or president President must send written, either by mail or electronically, notice of the meeting to the members of this corporation within thirty days of receipt of such request, which shall be not less than thirty days nor more than fifty days of the date of the written notice.

# Resolutions Committee Meeting



DATE: October 8, 2024

TO: Minnesota Watersheds Board of Directors

FROM: Linda Vavra and Jamie Beyer, Resolutions Committee Co-Chairs

RE: Resolutions Committee Recommendations

The Resolutions Committee met on October 8 to review and discuss the resolutions submitted by Minnesota Watersheds members. Their recommendations are as follows.

### **Resolutions Committee Recommendations**

#	Resolution Title	Committee Recommendation
1	Regulatory Approaches to Reducing Chloride Contamination	Recommends adoption
2	Allowing Alternative Notice of Watershed District Proceedings by Publication on District's Website	Recommends adoption
3	Providing for Watershed Management Organization Representative on Wetland Technical Evaluation Panels in Seven-County Metropolitan Area	Recommends adoption as amended
4	Seeking the Ability to Allow Resale of Acquisition Buyout Property	Recommends adoption
5	Seeking the DNR to Establish a "Comprehensive Guideline for Calcareous Fen Management"	Recommends adoption
6	Seeking Clarification of the Statutory and Rule Language Regarding the Alteration of Calcareous Fens	No recommendation, more research needed
7	Seeking the DNR to Adopt a Program to Incentivize Calcareous Fen Management on Private Lands	Recommends adoption
8	Seeking the Removal of the Water Resource Enforcement Officer	No recommendation, more research needed
9	Seeking Identification of Calcareous Fens on All State Wetlands by December 31, 2030	No recommendation, more research needed
10	Seeking a Formal Process to Distribute a Complete List of Calcareous Fens Annually	Recommends adoption
11	Seeking Regular Reevaluation of the Designated Species List	No recommendation, more research needed
12	Seeking the Development of a Calcareous Fen Work Group	No recommendation, more research needed
13	Requesting Minnesota Watersheds Support to Request New Legislation to Set Permit Review Time Limits upon the Department of Natural Resources	Recommends adoption

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-01

### **Resolution to Develop Regulatory Approaches to Reducing Chloride Contamination**

**Proposing District**: Nine Mile Creek Watershed District **Contact Name**: Erica Sniegowski, Administrator

**Phone Number**: 952-358-2276

Email Address: <u>esniegowski@ninemilecreek.org</u>

### Background that led to submission of this resolution:

Overuse of chloride compounds (primarily for removal of snow and ice from roads, parking lots and sidewalks) is degrading lakes, creeks, and wetlands in the metropolitan Twin Cities area and throughout Minnesota. The Minnesota Pollution Control Agency has designated 68 impairments in 42 waterbodies in the state – numbers that are steadily increasing. Salt persists in the environment, making chloride contamination one of the most pressing concerns in watershed management; reduction in the amount used is critical.

#### Ideas for how this issue could be solved:

For several years, Minnesota Watersheds and others have pursued an incentive-based approach to reducing chloride use by supporting legislation that would provide a liability limitation for property owners and maintenance companies who are certified by the Minnesota Pollution Control Agency as applicators trained to apply the correct amount of salt to achieve safe surface conditions and who document their practice of protective low-salt maintenance techniques. During the 2024 session, Minnesota Watersheds worked with several metro-area watersheds to secure the endorsement of the Minnesota Center for Environmental Advocacy, Freshwater Society, Minnesota Association for Justice (which represents trial lawyers) and Stop Over Salting on a legislative approach that provided owners and applicators with protection to the extent of negligence. The Minnesota Nursery and Landscape Association, which represents property-maintenance providers, would not join the coalition, arguing for a bill that provided more extensive liability protection, less frequent training and certification, and looser trainer controls. The trial lawyers' lobbyist has indicated they would strongly oppose the more extensive liability protection; in addition, allowing for protection when a provider is in fact negligent is contrary to sound public policy.

Nine Mile Creek Watershed District (NMCWD) reasons that regulatory approaches to reducing salt use must be developed. The proper vehicle for such an approach – state, county, city, watershed organization – has yet to be determined; multiple options can and should be explored.

### Efforts to solve the problem:

NMCWD and other watershed organizations have conducted and sponsored training in smart-salting practices and other efforts to reduce chloride use (and resultant contamination). NMCWD and others have actively supported the incentive-based legislative approach discussed above, and have communicated with legislators, county commissioners, city staff, and numerous others on the impacts of chlorides on water resources. In addition, NMCWD and a few others have already adopted rule provisions that require permit applicants to include chloride best practices in stormwater-management plans. Initial conversations about chloride have taken place, but concerted efforts have yet to commence.

### Anticipated support or opposition:

Minnesota Nursery and Landscape Association is likely to oppose any regulatory approach. Property owners likely will oppose any approach that applies directly to them. Many cities and counties will likely support a regulatory approach, but some may argue that they lack the resources to implement regulatory approaches such as licensing salt applicators if that is the approach taken.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	
Applies only to 1 or 2 regions:		Requires state agency advocacy:	X
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

### MINNESOTA WATERSHEDS RESOLUTION 2024-01

### **Resolution to Develop Regulatory Approaches to Reducing Chloride Contamination**

WHEREAS, chloride contamination of the state's water resources has been identified not only in urban waters, but in waters throughout the state; and

**WHEREAS**, the Minnesota Pollution Control Agency has designated 68 impairments for chlorides in 42 waterbodies in the state; and

WHEREAS, the Twin Cities Metro Area Chloride Management Plan and Total Maximum Daily Load studies on Nine Mile Creek and Shingle Creek have indicated that the largest chloride source to our lakes and streams is the application of chloride compounds on roads, parking lots, sidewalks, and other hard surfaces for winter maintenance practices; and

WHEREAS, Minnesota Watersheds and its allies have advocated for and continue to support enactment of state law that provides limited liability protection to commercial salt applicators and property owners using salt applicators who are certified through the established state salt-applicator certification program and follow best management practices, but such efforts have failed so far to result in adoption of new law; and

WHEREAS, chlorides are a metal, and once deposited in a water body do not degrade, making prevention critical; and

**WHEREAS**, a few watershed organizations in Minnesota have developed, adopted, and implemented regulatory approaches to reduce chloride use and contamination, charting one path forward for such efforts.

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports development, adoption, and implementation of regulatory approaches to reducing chloride contamination in waters of the state.

\_\_\_\_\_\_

Notes: Committee recommends adoption.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-02

### Resolution Allowing Alternative Notice of Watershed District Proceedings by Publication on the District's Website

**Proposing District**: Riley Purgatory Bluff Creek Watershed District

**Contact Name**: Terry Jeffery, Administrator

**Phone Number**: 952-607-6512

Email Address: <u>tjeffery@rpbcwd.org</u>

### Background that led to submission of this resolution:

Minnesota Statutes chapter 103D, known as the Watershed Law, requires notice by publication in a local newspaper for various watershed district proceedings, specifically publication in a legal newspaper published in the counties affected by the watershed district; such proceedings include boundary changes, changing the district's principal place of business, consideration of ordering projects, and annual budget and tax levy. Notice by publication is one notice requirement in addition to mailed notice requirements. Some watershed districts are finding it increasingly difficult to publish notice in local newspapers because many have ceased publication. In an age of search engines and electronic communications, more citizens are likely to learn about watershed district proceedings through the internet than through publication in a legal newspaper.

#### Ideas for how this issue could be solved:

An alternative to publication in a newspaper is publication on the watershed district's web site. For example, Minnesota Statutes section 103E.806, subdivision 3 provides that notice of a hearing on partial abandonment of a drainage system by mail to the owners of all property benefited by the drainage system, and either in a newspaper of general circulation within the affected drainage area or by publication on a website of the drainage authority.

### Efforts to solve the problem:

Until there is a legal alternative, the only option is to publish in the newspapers that are still in business, often at increased prices.

### Anticipated support or opposition:

This is an issue that may find growing support among other local units of government with publication requirements. Newspapers will likely not be supportive of decreased revenue from legal notice publications.

## This issue (check all that apply): Applies only to our district: Applies only to 1 or 2 regions: Applies to the entire state: X Requires legislative action: Requires state agency advocacy: Impacts MW bylaws or MOPP:

### MINNESOTA WATERSHEDS RESOLUTION 2024-02

### Resolution Allowing Alternative Notice of Watershed District Proceedings by Publication on the District's Website

WHEREAS, Minnesota Statutes chapter 103D, known as the Watershed Law, requires notice by publication in a local newspaper for various watershed district proceedings, specifically publication in a legal newspaper published in the counties affected by the watershed district; such proceedings include boundary changes, changing the district's principal place of business, consideration of ordering projects, and public hearings on the district's annual budget and tax levy; and

WHEREAS, notice by publication is one notice requirement in addition to mailed notice requirements; and

**WHEREAS**, some watershed districts are finding it increasingly difficult to publish notice in local newspapers because many have ceased publication; and

**WHEREAS**, an alternative to publication in a newspaper is publication on the watershed district's web site; for example, Minnesota Statutes section 103E.806, subdivision 3 provides that notice of a hearing on partial abandonment of a drainage system by mail to the owners of all property benefited by the drainage system, and *either* in a newspaper of general circulation within the affected drainage area *or* by publication on a website of the drainage authority.

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports amending the Watershed Law to provide for publication on a watershed district's website as an alternative to publication in a legal newspaper.

-----

**Notes:** Committee recommends adoption.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-03

### Resolution Providing for Watershed Management Organization Representative on Wetland Technical Evaluation Panels in Seven-County Metropolitan Area

**Proposing District**: Riley Purgatory Bluff Creek Watershed District

**Contact Name**: Terry Jeffery, Administrator

**Phone Number**: 952-607-6512

Email Address: tjeffery@rpbcwd.org

### Background that led to submission of this resolution:

Minnesota Statutes section 103G.2242, subdivision 2 provides for Technical Evaluation Panels to address questions concerning the public value, location, size, or type of a wetland under the Wetland Conservation Act (WCA). Pursuant to this statute, a Technical Evaluation Panel (TEP) "shall be composed of a technical professional employee of the board, a technical professional employee of the local soil and water conservation district or districts, a technical professional with expertise in water resources management appointed by the local government unit (LGU), and a technical professional employee of the Department of Natural Resources for projects affecting public waters or wetlands adjacent to public waters." Watershed management organizations may serve as the "local government unit" under WCA, but in many cases local municipalities elect to serve as the WCA LGU, which means there is no watershed management organization representation on the TEP.

#### Ideas for how this issue could be solved:

Amend Minnesota Statutes section 103G.2242, subdivision 2 to include a watershed management organization representative on TEPs that are convened within the seven-county metropolitan area. (This provision could easily be expanded to cover the entire state if watershed districts outside the metropolitan area so desire.)\*

#### Efforts to solve the problem:

TEPs will often contact the watershed management organization for comments, but they are not required to do so, and the watershed management organization is not currently a voting member of the TEP when the municipality is the WCA LGU.

### Anticipated support or opposition from other governmental units?

Support will vary depending upon the audience. Numerous LGUs appreciate having a member that represents the watershed district while many may feel this is an attempt to usurp WCA administration from them. Metropolitan area watershed districts typically have someone knowledgeable in WCA but may feel this is added responsibility.

This issue (check all that appl	y):		
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:	X*	Requires state agency advocacy:	
Applies to the entire state:	X*	Impacts MW bylaws or MOPP:	

### **MINNESOTA WATERSHEDS RESOLUTION 2024-03**

### Resolution Providing for Watershed Management Organization Representative on Wetland Technical Evaluation Panels in Seven-County Metropolitan Area

WHEREAS, Minnesota Statutes section 103G.2242, subdivision 2 provides for Technical Evaluation Panels to address questions concerning the public value, location, size, or type of a wetland under the Wetland Conservation Act (WCA); and

WHEREAS, pursuant to this statute, a Technical Evaluation Panel (TEP) "shall be composed of a technical professional employee of the board, a technical professional employee of the local soil and water conservation district or districts, a technical professional with expertise in water resources management appointed by the local government unit (LGU), and a technical professional employee of the Department of Natural Resources for projects affecting public waters or wetlands adjacent to public waters;" and

WHEREAS, watershed management organizations may serve as the "local government unit" under WCA, but in many cases local municipalities elect to serve as the WCA LGU, which means there is no watershed management organization representation on the TEP; and

WHEREAS, watershed management organizations in the seven-county metropolitan area are required to develop watershed management plans that include an inventory of surface water resources including wetlands, establish goals for wetland management that recognize the fundamental relationship between wetland management and land use, and many metropolitan watershed management organizations have undertaken detailed wetland inventories and assessments of their function and value to develop local wetland management controls with maps or inventories of wetlands, existing comprehensive wetland protection and management plans, descriptions of existing local wetland banking programs, and procedures used in determining replacement of wetland functions and values for evaluating wetland replacement proposals; and

**WHEREAS**, metropolitan watershed management organizations typically have technical professionals with expertise in water resources management generally and wetlands management specifically.

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports amendment of Minnesota Statutes section 103G.2242, subdivision 2 to include a watershed management organization representative on TEPs that are convened within the seven-county metropolitan area-in cases where the organization is not the WCA LGU.

Notes: Committee recommends adoption as amended.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-04

### Resolution Seeking the Ability to Allow Resale of Acquisition Buyout Property

**Proposing District**: Wild Rice Watershed District **Contact Name**: Tara Jensen, Administrator

**Phone Number**: 218-784-5501

Email Address: <u>tara@wildricewatershed.org</u>

### Background that led to the submission of this resolution:

Buyout properties are allowed to be gifted to another government entity but not allowed to be sold to private individuals and put back on the tax rolls and into private ownership with restriction of future construction on the property.

When real property is acquired by a Local Governmental Unit (LGU) regarding a flood buyout, the property goes off the tax rolls for the county and, per FEMA requirements, cannot be resold except to a public entity or to a qualified conservation organization. See "The Stafford Act, 42 U.S.C. 5121 et seq., Hazard Mitigation Grant Program, and FEMA Model Deed Restrictions at Exhibit A. WRWD desires the FEMA requirements/model deed restrictions be amended to permit either the conveyance to a public entity or to a qualified conservation organization of the acquired interest, or alternatively a resale by an LGU of acquired real property to private taxpayers - subject to the FEMA Model Deed Restrictions (excepting re: a sale to a private party).

### Ideas for how this issue could be solved:

Changes in FEMA regulations to allow property to be transferred back into private ownership, lessening government expense long term for maintenance of the property. Although it cannot be constructed on, it is a good open space for parties interested.

If LGUs were allowed to sell the flood buyout property(ies) to private taxpayers, the property would go back on the local tax rolls, thereby benefiting the local (especially) county. Any sale by the LGU could provide for the net sale proceeds to be paid back to FEMA and any sale would remain subject to the FEMA Model Deed Restrictions at Exhibit A. All the remaining restrictions/covenants contained in the FEMA Model Deed Restrictions would continue to apply to the private party.

### Efforts to solve the problem:

The Wild Rice Watershed District has requested federal legislators address this issue in the past, but to date nothing has come of those requests.

#### Anticipated support or opposition:

Most LGUs would likely support being allowed to sell flood buyout property to private taxpayers, subject to the FEMA Modet Deed Restrictions. It is unknown whether FEMA would oppose.

This issue (check all that apply):		
Applies only to our district:	Requires legislative action:	X
Applies only to 1 or 2 regions:	Requires state agency advocacy:	
Applies to the entire state: X	Impacts MW bylaws or MOPP:	

#### Resolution Seeking the Ability to Allow Resale of Acquisition Buyout Property

WHEREAS, when a LGU acquires real property as part of a flood buyout, such property goes off the county tax rolls and per FEMA deed restrictions, can be resold only to a public entity or qualified conservation organization (See Exhibit A attached re: FEMA Model Deed Restrictions); and

**WHEREAS,** flooding also has severe and repeated impacts to water quality from erosion, sedimentation, nutrient loading, raw sewage discharges, and chemical spillage; and

WHEREAS, real property acquired by a flood buyout, but resold to a private taxpayer subject to the FEMA Model Deed Restrictions would be beneficial to the county as such property would be back on the tax rolls, and such resale would reduce maintenance obligations by the LGU re the flood buyout property, plus the property would continue to be subject to the remaining FEMA restrictions/covenants as stated in Exhibit A; and

WHEREAS, the Wild Rice Watershed District Board of Managers desires Minnesota Watersheds pass a resolution supporting federal legislation to allow either the conveyance of flood acquisition property by an LGU to a public entity or to a qualified conservation organization, or alternatively allow resale of flood acquisition buyout real estate by an LGU to a private party, subject to the remaining FEMA Model Deed Restrictions as stated in Exhibit A.

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds seeks federal legislation to allow the conveyance by an LGU of flood acquisition buyout real estate to a public entity or to a qualified conservation organization, or alternatively a resale to a private taxpayer, subject to the FEMA Model Deed Restrictions as stated in Exhibit A.

\_\_\_\_\_

**Notes:** Committee recommends adoption.

### Exhibit "A" FEMA Model Deed Restrictions

In reference to the property or properties ("Property") conveyed by the Deed between
(marital status), participating in the federally-assisted acquisition project ("the Grantor") and
WHEREAS, The Robert T. Stafford Disaster Relief and Emergency Assistance Act, ("The Stafford Act"), 42 U.S.C. § 5121 et seq., identifies the use of disaster relief funds under § 5170c, Hazard Mitigation Grant Program, including the acquisition and relocation of structures in the floodplain;
WHEREAS, the mitigation grant program provides a process for a local government, through the State, to apply for federal funds for mitigation assistance to acquire interests in property, including the purchase of structures in the floodplain, to demolish and/or remove the structures, and to maintain the use of the Property as open space in perpetuity;
WHEREAS, the has applied for and been awarded such funding from the Department of Homeland Security, Federal Emergency Management Agency and has entered into a mitigation grant program Grant Agreement dated with FEMA and herein incorporated by reference; making it a mitigation grant program grantee.
WHEREAS, the Property is located inCounty, andCounty participates in the National Flood Insurance Program and is in good standing with NFIP as of the date of the Deed;
WHEREAS, the, acting by and through the, has applied for and been awarded federal funds pursuant to an agreement with Minnesota dated ("State-Local Agreement"), and herein incorporated by reference, making it a mitigation grant program subgrantee;
WHEREAS, the terms of the mitigation grant program statutory authorities, Federal program requirements consistent with 44 C.F.R. Part 80, the Grant Agreement, and the State-local Agreement require that the Grantee agree to conditions that restrict the use of the land to open space in perpetuity in order to protect and preserve natural floodplain values.
NOW, THEREFORE, the grant is made subject to the following terms and conditions:

2024 Resolutions Committee Meeting Packet

- 1. Terms. Pursuant to the terms of the "Stafford Act" program statutory authorities, Federal program requirements consistent with 44 C.F.R. Part 80, the Grant Agreement, and the State Local Agreement, the following conditions and restrictions shall apply in perpetuity to the Property described in the attached deed and acquired by the Grantee pursuant to FEMA program requirements concerning the acquisition of property for open space:
  - a. Compatible uses. The Property shall be dedicated and maintained in perpetuity as open space for the conservation of natural floodplain functions. Such uses may include: parks for outdoor recreational activities; wetlands management; nature reserves; cultivation; grazing; camping (except where adequate warning time is not available to allow evacuation); unimproved, unpaved parking lots; buffer zones; and other uses consistent with FEMA guidance for open space acquisition, Hazard Mitigation Assistance, Requirements for Property Acquisition and Relocation for Open Space.
  - b. Structures. No new structures or improvements shall be erected on the Property other than:
    - i. A public facility that is open on all sides and functionally related to a designated open space or recreational use;
    - ii. A public rest room; or
    - iii. A structure that is compatible with open space and conserves the natural function of the floodplain, including the uses described in Paragraph 1.a., above, and approved by the FEMA Administrator in writing before construction of the structure begins.

Any improvements on the Property shall be in accordance with proper floodplain management policies and practices. Structures built on the Property according to paragraph b. of this section shall be floodproofed or elevated to at least the base flood level plus 1 foot of freeboard, or greater, if required by FEMA, or if required by any State, Tribal, or local ordinance, and in accordance with criteria established by the FEMA Administrator.

- c. Disaster Assistance and Flood Insurance. No Federal entity or source may provide disaster assistance for any purpose with respect to the Property, nor may any application for such assistance be made to any Federal entity or source. The Property is not eligible for coverage under the NFIP for damage to structures on the property occurring after the date of the property settlement, except for pre-existing structures being relocated off the property as a result of the project.
- d. Transfer. The Grantee, including successors in interest, shall convey any interest in the Property only if the FEMA Regional Administrator, through the State, gives prior written approval of the transferee in accordance with this paragraph:
  - i. The request by the Grantee, through the State, to the FEMA Regional Administrator must include a signed statement from the proposed transferee that it acknowledges and agrees to be bound by the terms of this section, and documentation of its status as a qualified conservation organization if applicable.
  - ii. The Grantee may convey a property interest only to a public entity or to a qualified conservation organization. However, the Grantee may convey an easement or lease to a private individual or entity for purposes compatible with the uses described in paragraph (a), of this section, with the prior approval of the FEMA Regional Administrator, and so long as the conveyance does not include authority to control and enforce the terms and conditions of this section.
  - iii. If title to the Property is transferred to a public entity other than one with a conservation mission, it must be conveyed subject to a conservation easement that shall be recorded with the deed and shall incorporate all terms and conditions set forth in this section, including

the easement holder's responsibility to enforce the easement. This shall be accomplished by one of the following means:

- a) The Grantee shall convey, in accordance with this paragraph, a conservation easement to an entity other than the title holder, which shall be recorded with the deed, or
- b) At the time of title transfer, the Grantee shall retain such conservation easement, and record it with the deed.
- iv. Conveyance of any property interest must reference and incorporate the original deed restrictions providing notice of the conditions in this section and must incorporate a provision for the property interest to revert to the State, Tribe, or local government in the event that the transferee ceases to exist or loses its eligible status under this section.
- 2. Inspection. FEMA, its representatives and assigns including the state or tribe shall have the right to enter upon the Property, at reasonable times and with reasonable notice, for the purpose of inspecting the Property to ensure compliance with the terms of this part, the Property conveyance and of the grant award.
- - a. The State will notify the Grantee and any current holder of the property interest in writing and advise them that they have 60 days to correct the violation:
    - i. If the Grantee or any current holder of the property interest fails to demonstrate a good faith effort to come into compliance with the terms of the grant within the 60-day period, the State shall enforce the terms of the grant by taking any measures it deems appropriate, including but not limited to bringing an action at law or in equity in a court of competent jurisdiction.
    - ii. FEMA, its representatives, and assignees may enforce the terms of the grant by taking any measures it deems appropriate, including but not limited to 1 or more of the following:
      - a) Withholding FEMA mitigation awards or assistance from the State or Tribe, and Grantee: and current holder of the property interest.
      - b) Requiring transfer of title. The Grantee or the current holder of the property interest shall bear the costs of bringing the Property back into compliance with the terms of the grant; or
      - c) Bringing an action at law or in equity in a court of competent jurisdiction against any or all of the following parties: the State, the Tribe, the local community, and their respective successors.
- 5. Amendment. This agreement may be amended upon signatures of FEMA, the state, and the Grantee only to the extent that such amendment does not affect the fundamental and statutory purposes underlying the agreement.

6. Severability. Should any provision of this grant or the application thereof to any person or circumstance be found to be invalid or unenforceable, the rest and remainder of the provisions of this grant and their application shall not be affected and shall remain valid and enforceable.

Signed by Grantors and Grantee, witnesses and notarization in accordance with local law.

Date:	0		
	Grantor,		
Date:	Grantor,		
	Granor,		
STATE OF) COUNTY OF) ss.			
The foregoing instrument was ack	cnowledged before me this day of (marital status), Grantor(s).	,20, t	у
(NOTARIAL STAMP/SEAL)			
	NOTARY PUBLIC My Commission Expires:		
Date	Grantee,		
	By:Its		
STATE OF) COUNTY OF) ss.			
The foregoing instrument was ac	knowledged before me this day of	, 20, b	у
, Grantee.			
(NOTARIAL STAMP/SEAL)		Manufic and Aller and Alle	
	NOTARY PUBLIC My Commission Expires:	***************************************	
This instrument drafted by:			

# BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-05

### Resolution Seeking the DNR to Establish a "Comprehensive Guideline for Calcareous Fen Management"

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

**Contact Name**: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some, or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors, and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

### Resolution Seeking the DNR to Establish a "Comprehensive Guideline for Calcareous Fen Management"

WHEREAS, some of the stated purposes of government pursuant to Minn. Stat. § 14.001 are to:

- "(2) to increase public accountability of administrative agencies;
- (3) to ensure a uniform minimum procedure;
- (4) to increase public access to governmental information;
- (5) to increase public participation in the formulation of administrative rules;
- (6) to increase the fairness of agencies in their conduct of contested case proceedings; and
- (7) to simplify the process of judicial review of agency action as well as increase its ease and availability," and to "strike a fair balance between these purposes and the need for efficient, economical, and effective government administration;" and,

**WHEREAS,** it is apparent that the DNR does not have any plan to improve the identified Calcareous Fens as currently identified, but rather intends to leave them to nature, which is essentially leaving this state asset to chance for its survival to degrade or improve naturally; and,

WHEREAS, under Minn. Stat. § 84.027, Subd. 14, it is part of the DNR's mission that "within the department's resources the commissioner shall endeavor to: (1) prevent the waste or unnecessary spending of public money;" and,

**WHEREAS**, under Minn. Rule 8420.0935, the commissioner "must provide technical assistance to landowners or project sponsors in the development of management plans;"; and

WHEREAS, under Minn. Stat. § 84.0895, Subd. 5. (a), "[N]otwithstanding any other law, the commissioner may undertake management programs, issue orders, and adopt rules necessary to bring a resident species of wild animal or plant that has been designated as threatened or endangered to a point at which it is no longer threatened or endangered;"; and,

**WHEREAS**, based upon the DNR's involvement in the Lilac Ridge project, it is clear that the agency sees its role to be that of the reviewer of the plan rather than technically assisting with development of the plan.

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports DNR establishing a "Comprehensive Guide for Calcareous Fen Management" as a tool for project proposers to analyze a project's feasibility or cost effectiveness.

\_\_\_\_\_

**Notes:** Committee recommends adoption.

# BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-06

### Resolution Seeking Clarification of the Statutory and Rule Language Regarding the Alteration of Calcareous Fens

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

Contact Name: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	Χ	Impacts MW bylaws or MOPP:	

### Resolution Seeking Clarification of the Statutory and Rule Language Regarding the Alteration of Calcareous Fens

WHEREAS, Minn. Stat. § 103G.223 authorizes the Commissioner to approve projects that may seasonally impact Calcareous Fens under an approved management plan; and

**WHEREAS,** under Minn. Rule 8420.0935, Subpart 1., "[C]alcareous fens, as identified by the commissioner, must not be impacted or otherwise altered or degraded, wholly or partially, by any action, unless the commissioner, under an approved management plan, decides some alteration is necessary"; and

**WHEREAS,** Minn. Stat. § 103G.223 could allow projects with minimal impacts to move forward, while Minn. Rule 8420.0935, in contravention of the statute, precludes that option;

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports Minn. Rule 8420.0935, Subp. 1, be amended as follows: Subpart 1. Purpose. The purpose of this part is to provide minimum standards and criteria for identifying, protecting, and managing calcareous fens as authorized by Minn. Stat. § 103G.223. Calcareous fens, as identified by the commissioner, must not be impacted or otherwise altered or degraded, wholly or partially, by any action, unless the commissioner, under an approved management plan, decides some alteration is necessary. determines that the proposed project may temporarily reduce ground water resources on seasonal basis. The exemptions under part 8420.0420 and the sequencing provisions under part 8420.0520 do not apply to calcareous fens.

\_\_\_\_\_

**Notes:** No recommendation, more research needed.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-07

### Resolution Seeking the DNR to Adopt a Program to Incentive Calcareous Fen Management on Private Lands

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

**Contact Name**: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

### Resolution Seeking the DNR to Adopt a Program to Incentivize Calcareous Fen Management on Private Lands

**WHEREAS,** Minn. Stat. § 103G.223 lacks any direction on how to maintain and protect the identified and listed Calcareous Fens; and

WHEREAS, Minn. Rule 8420.0935, does not set forth a process to maintain or improve the listed Calcareous Fens, but rather approaches the issue of maintaining and improving the fen from an enforcement and coercive power position; and

WHEREAS, under the same rule, the list is a growing list, meaning that in many cases neither landowners nor DNR employees know about the existence of Calcareous Fen on specific lands. In cases where Calcareous Fen has been identified by the agency but not made public, landowners are likely ignorant of the same; and

WHEREAS, it appears that the DNR does not have an effective incentive program to safeguard the Calcareous Fen communities which are located on private lands, but instead employs Water Resource Enforcement Officers (WREOs) to enforce fen preservation compliance; and

**WHEREAS**, it appears that the DNR lacks an established plan to pay landowners to maintain the Calcareous Fen on their land;

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports the Minnesota Department of Natural Resources adopting a program through which a fee is paid to landowners to incentivize them to manage the quantity and quality of the Calcareous Fens on private lands, which program is made similar to the USDA Conservation Reserve Program or similar to a perpetual easement through the Board of Water and Soil Resources Reinvest In Minnesota.

\_\_\_\_\_\_

**Notes:** Committee recommends adoption.

## BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-08

### Resolution Seeking the Removal of the Water Resource Enforcement Officer

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

Contact Name: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

#### Resolution Seeking the Removal of the Water Resource Enforcement Officer

WHEREAS, under Minn. Rule 84.027 Subd. 14, as part of the DNR's mission "the commissioner shall endeavor to: (3) coordinate the department's activities wherever appropriate with the activities of other governmental agencies"; and

**WHEREAS**, units of local government already employ environmental specialists of all kinds to perform various environmental assessments, including wetland law enforcement;

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports the Minnesota Department of Natural Resources use of Wetland Conservation Act Local Government Units to manage wetlands including calcareous fens and thereby remove the Water Resource Enforcement Officer position.

-----

**Notes:** No recommendation, more research needed.

# BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-09

## Resolution Seeking Identification of Calcareous Fens on All State Wetlands by December 31, 2030

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

**Contact Name**: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

inis issue (cneck all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	Χ	Impacts MW bylaws or MOPP:	

### Resolution Seeking Identification of Calcareous Fens on All State Wetlands by December 31, 2030

**WHEREAS,** under Minn. Stat. § 103G.223 the identification of Calcareous Fen is the Commissioners responsibility as it states: ... "(a) Calcareous fens, as identified by the commissioner by written order"; and

**WHEREAS,** Minn. Rule 8420.0935 Subp. 3. A. states that "[T]he commissioner must investigate wetlands to determine if the wetland is properly identified as a calcareous fen"; and

WHEREAS, it is apparent that the commissioner has failed to identify and list all of the Calcareous Fen found within the state; and

WHEREAS, the root cause of the serious waste of taxpayer dollars on the Lilac Ridge project was the failure of the DNR to accept the charge to identify Calcareous Fen and the policy of the DNR to wait until a project WCA review process or project EAW process commences before conducting exploration or disclosure; and

**WHEREAS**, the current process provides no incentive for the DNR to perform early investigation or disclosure for Calcareous Fen, since the DNR suffers no penalty for failing to investigate or disclose; and

WHEREAS, in the example of the Lilac Ridge project, the DNR was involved in the PWT since the beginning yet from 2016 until 2022 the agency did not spend its resources to identify Calcareous Fen in the vicinity of the project; and

**WHEREAS**, it appears that the DNR either does not have resources or do not prioritize the identification of Calcareous Fens in the state, but instead builds its database of Calcareous Fen on a reactive basis (by allowing third-party data to trickle in) instead of on a state-wide proactive basis (by actively searching for and gathering data);

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports Minn. Rule 8420.0935 Subp. 3. A. be amended as follows: The commissioner must investigate <u>all State</u> wetlands to determine if the wetland is properly and identifyied <u>all as a calcareous fen within the state by no later than Dec. 31, 2030.</u>

\_\_\_\_\_\_

Notes: No recommendation, more research needed.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-10

# Resolution Seeking a Formal Process to Distribute a Complete List of Calcareous Fens Annually

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

**Contact Name**: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

### Resolution Seeking a Formal Process to Distribute a Complete List of Calcareous Fens Annually

**WHEREAS**, under Minn. Rule 8420.0935, under Subp. 3. C., "[T]he commissioner must provide an updated list of calcareous fens to the board (BWSR) for further distribution"; and

WHEREAS, Whereas DNR publication of "Identification List of Known Calcareous Fens" states "[S]ection legal descriptions in this list are necessarily vague due to the potential for protected species within calcareous fens"; and

**WHEREAS**, it is vital that accurate information regarding the location of Calcareous Fens be provided to units of local government in order to minimize waste and facilitate good planning;

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports the Board of Water and Soil Resources establishing a formal process to distribute on an annual basis an accurate and complete list identifying Calcareous Fens to all watershed districts, watershed management organizations, and soil and water conservation districts.

-----

Notes: Committee recommends adoption.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-11

#### Resolution Seeking Regular Reevaluation of the Designated Species List

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

Contact Name: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

#### Resolution Seeking Regular Reevaluation of the Designated Species List

WHEREAS, Calcareous Fen is a Rare Natural Community (RNC)/Threatened or Endangered Plant and; and

WHEREAS, under Minn. Rule 84.0895 Subd. 3. (c), "[T]he commissioner shall reevaluate the designated species list every three years after it is first adopted and make appropriate changes. The review must consider the need for further protection of species on the species of special concern list. Species may be withdrawn from designation in the same manner that species are designated"; and

WHEREAS, under Minn. Stat. § 103G.223 the commissioner must publish the list of Calcareous Fens in the State Register; and

WHEREAS, the updated list of Fens only appears in the State register in the years 2005, 2008, 2009, 2016, and 2019; and WHEREAS, the DNR has failed to abide by the three-year process required under Minn. Rule 84.0895 Subd. 3. (c);

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports the Commissioner initiating an internal review process to identify the cause of this failure to "reevaluate the designated species list every three years" and to develop a plan to prevent it in the future.

\_\_\_\_\_

Notes: No recommendation, more research needed.

# BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-12

#### Resolution Seeking the Development of a Calcareous Fen Work Group

**Proposing District**: Middle Snake Tamarac Rivers Watershed District

Contact Name: Morteza Maher, District Administrator

**Phone Number**: 218-230-5703

Email Address: morteza.maher@mstrwd.org

#### Background that led to the submission of this resolution:

Middle-Snake-Tamarac Rivers Watershed District (MSTRWD) proposes that the rare natural communities/Calcareous Fenrelated statutes and rules be streamlined so that early RNC screening can eliminate waste of public funds.

In 2016, MSTRWD began the project work team (PWT) process (a process under the 1998 Mediation agreement) on a capital project that was eventually referred to as Lilac Ridge. From the outset, the project's PWT involved representatives from the DNR. During the process, the DNR indirectly stated some concerns about the wetlands in the area but did not mention anything about the presence of Calcareous Fen (which is protected under Minn. Stat. § 103G.223). In December of 2020, USACE under Concurrence Point 3, reviewed alternatives analysis and accepted that the selected alternative was the "Least Environmentally Damaging Practicable Alternative" (LEDPA). By then, the preliminary engineering was mostly done, the PWT process was wrapping up, and the USACE's LEDPA determination triggered the project to move to the EAW process.

In response to the initiation of the EAW process, in July of 2021 the DNR provided a writing that suggested the potential of the existence of Calcareous Fen within the project footprint. (The document did not mention the Calcareous Fen by name, but instead referred to the potential for various types of fens, and only indirectly mentioned the ground water and minerals that feed some kinds of Calcareous Fens).

Knowing the designation of Calcareous Fen as protected, at this point MSTRWD started direct communication with DNR. In subsequent contacts, it was revealed that the DNR believed there was a high likelihood that Calcareous Fen would be found within the footprint of the planned project. Therefore, MSTRWD requested that the DNR make a prompt, solid determination regarding the existence of Calcareous Fen on the site before the district expended further funds and time on the project. In response, the DNR informed the district that it lacked staff to perform such a determination and could not accommodate the district's request but suggested that the district could hire an outside consultant to perform the same.

In response, the district retained a consultant to investigate the site and through coordination with DNR the consultant provided a report. Following submission of the report to the DNR, the agency insisted that it needed to send its experts to the site and confirm the findings of the report. This confirmation process took three more site visits (close to a whole year) due to snow on the ground and staff shortage. Eventually DNR provided a formal letter stating that the area has Calcareous Fen.

The report from the district's consultant did note that the quality of the Calcareous Fen on the site was not high. Since the Calcareous Fen quality based on the third party's report was not high, with the help of relevant professionals, MSTRWD developed solutions and proposed them to the DNR. In response, the DNR questioned the solutions by offering hypothetical risks. The agency's type of reaction caused MSTRWD to halt the project officially in 2024.

As of this writing, over \$800,000 in taxpayer funds was wasted on this proposed project.

In each of the resolutions 2024-05 to 2024-12, suggestions are provided.

#### Efforts to solve the problem:

MSTRWD has tried to utilize the Flood Damage Reduction Work Group processes to work with DNR on the Lilac Ridge Project specifically. However, after the project stoppage and through the collection of lessons learned process, MSTRWD figured the issue stems from deeper roots and perhaps is not project specific nor it relates to one specific group or Commissioner's time. The issue roots back into incremental either statutory changes through "Rules" that happened in the past perhaps on a good faith, lack of clarity of some or time effect on getting by on things that can be addressed otherwise. Due to its importance and with the hope that this doesn't happen to any other project again, MSTRWD believes this should be addressed in the Statute with a reporting/ accountability creation to it. So, it will not become routine again. In small scale, some concerns were shared with the DNR's NW Region authorities and steps were taken to address them within DNR internally.

#### Anticipated support or opposition:

In general, all Calcareous Fen Related Stakeholders including the DNR, project Sponsors and landowners should be onboard with the proposed resolutions as they are meant to be fair, balanced and inclusive. Even the Environmental group should get onboard as the suggested solutions to safeguard the RNCs is more reliable and sustainable than the current method of enforcement and use of coercive power only.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

# MINNESOTA WATERSHEDS RESOLUTION 2024-12 Resolution Seeking the Development of a Calcareous Fen Work Group

**WHEREAS,** the DNR recently requested (2/22/2024) and received public comments on how to designate threatened or endangered species; and

**WHEREAS,** on the Lilac Ridge project there was a disagreement between the DNR employee and the third-party consultant regarding the quality level of the Calcareous Fen community found within the proposed project footprint; and

**WHEREAS**, clear and measurable criteria for the identification and evaluation of Calcareous Fen would assist all parties in identifying, mapping, locating, avoiding, preserving, protecting, and enhancing the fen, and would help reduce interagency and inter-governmental disputes concerning the same;

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports the relevant state agencies, together with relevant stakeholders (including watershed districts), convene a work group to develop by consensus clear, objective and measurable criteria for determining the presence and quality of Calcareous Fen, which criteria shall thereafter be used by all state and local units of government.

-----

**Notes:** No recommendation, more research needed.

### BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS RESOLUTION 2024-13

# Resolution Requesting Minnesota Watersheds Support to Request New Legislation to Set Permit Review Time Limits upon the Department of Natural Resources

**Proposing District**: Shell Rock River Watershed District **Contact Name**: Andy Henschel, District Administrator

**Phone Number**: 507-391-2795

Email Address: andy.henschel@co.freeborn.mn.us

#### Background that led to the submission of this resolution:

Watershed districts are local, water-purposed, governmental units that intimately know the local region, waters, and water-related issues. Watershed districts, as political subdivisions of the state, are entrusted to monitor local waters, produce watershed management plans which are reviewed, commented on, and receive state agency approval, and implement projects that conserve the natural resources and protect the public health and welfare consistent with these approved watershed management plans.

Fountain Lake, in the heart of the SRRWD, is on the impaired waters list in large part due to total phosphorus levels. The SRRWD has experienced significant delays in obtaining Department of Natural Resources (DNR) water permits to dredge Fountain Lake, despite years of water monitoring, consistency with watershed management plan and other state agency support, and negative declaration by Responsible Government Unit (RGU) for the need for an Environmental Impact Statement (EIS).

#### Ideas for how this issue could be solved:

Minnesota Statute § 15.992 requires that state agencies have a 60-day deadline to take final action on a written permit request, except the statute excludes an application requiring one or more public hearings or an EIS or EAW. No other statutory timeframe is required in the later situations. The SRRWD seeks support in requesting implementation of a similar 60-day review deadline when the request is made by another political subdivision or governmental unit, specifically including watershed districts, whereby the state agency must issue the permit within 60 days after the public hearings, issuance of negative declaration of the need for an EIS.

#### Efforts to solve the problem:

In each phase of project permitting, the SRWWD has met with DNR staff regarding timing and lack of diligence in issuing permits.

#### Anticipated support or opposition:

We anticipate support from watersheds and opposition from DNR.

This issue (check all that apply):			
Applies only to our district:		Requires legislative action:	X
Applies only to 1 or 2 regions:		Requires state agency advocacy:	
Applies to the entire state:	X	Impacts MW bylaws or MOPP:	

# Resolution Requesting Minnesota Watersheds Support to Request New Legislation to Set Permit Review Time Limits upon the Department of Natural Resources

WHEREAS, under authority of State statute, Minn. Stat. § 103D.201 Minnesota watershed districts' purpose is "to conserve the natural resources of the state by land use planning, flood control, and other conservation projects by using sound scientific principles for the protection of the public health and welfare and the provident use of the natural resources"; and

WHEREAS, watershed districts are charged with implementing Watershed Management Plans (the "Plan"); and

WHEREAS, in implementing the Plan, a watershed district Board of Managers (the "Board") initiates projects consistent with the Plan and applicable law ("Projects"), and

WHEREAS, watershed districts have authority under state law to:

- (1) sue and be sued;
- (2) incur debts, liabilities, and obligations;
- (3) exercise the power of eminent domain;
- (4) provide for assessments and to issue certificates, warrants, and bonds;
- (5) perform all acts expressly authorized, and all other acts necessary and proper for the watershed district to carry out and exercise the powers expressly vested in it;
- (6) make necessary surveys or use other reliable surveys and data and develop projects and programs to acquire data to accomplish the purposes for which the watershed district is organized;
- (7) establish and maintain devices for acquiring and recording hydrological and water quality data;
- (8) initiate, undertake, and implement projects;
- (9) cooperate or contract with any state or subdivision of a state or federal agency, private corporation, political subdivision, or cooperative association;
- (10) construct, clean, repair, alter, abandon, consolidate, reclaim, or change the course or terminus of any public ditch, drain, sewer, river, watercourse, natural or artificial, within the watershed district;
- (11) acquire, operate, construct, and maintain dams, dikes, reservoirs, water supply systems, and appurtenant works:
- (12) regulate, conserve, and control the use of water within the watershed district;
- (13) acquire by gift, purchase, taking under the procedures of this chapter, or by the power of eminent domain, necessary real and personal property, including property outside the watershed district where necessary for a water supply system;
- (14) contract for or purchase insurance the managers find necessary for the protection of the watershed district;
- (15) enter into contracts of construction or implementation authorized by this chapter;
- enter lands inside or outside the watershed district to make surveys and investigations to accomplish the purposes of the watershed district;
- (17) take over when directed by a drainage authority all joint county or county drainage systems within the watershed district, together with the right to repair, maintain, and improve them;
- (18) provide for sanitation and public health and regulate the use of streams, ditches, or watercourses to dispose of waste and prevent pollution;
- (19) borrow funds from an agency of the federal government, a state agency, a county where the watershed district is located in whole or in part, or a financial institution authorized under chapter 47 to do business in this state;
- (20) prepare a floodplain map of the lands of the watershed district that are in the floodplain of lakes and watercourses;
- (21) prepare an open space and greenbelt map of the lands of the watershed district that should be preserved and included in the open space and greenbelt land areas of the watershed district;
- appropriate necessary funds to provide for membership in a state association of watershed districts whose purpose is to improve watershed governmental operations;

- (23) make contracts or other arrangements with the federal government, persons, railroads or other corporations, political subdivisions, and the state or other states, with drainage authorities, flood control, soil conservation, or other improvement districts in this state or other states, for cooperation or assistance in constructing, maintaining, and operating the projects of the watershed district, or for the control of its waters, or for making surveys and investigations or reports on them;
- (24) purchase, lease, or acquire land or other property in adjoining states to secure outlets, to construct and maintain dikes or dams or other structures for the purposes of this chapter; and
- (25) conduct studies and monitoring of water resources within the watershed district and implement water resource management programs; and

WHEREAS, watershed districts in the State are required to prepare Comprehensive Watershed Management Plans every 10 years. These plans are vetted by Board of Water and Soil Resources (BWSR) and provide thorough statement of watershed management priorities; and

WHEREAS, watershed districts desire efficient due diligence and progress on Projects; and

WHEREAS, under Minnesota Statute § 15.992, state agencies have a 60-day deadline to take final action on a written request, except the statute excludes an application requiring one or more public hearings or an environmental impact statement or environmental assessment worksheet; and

**WHEREAS**, watersheds districts in the State have experienced significant delay in the Minnesota Department of Natural Resources' (DNR) processing of permits; and

WHEREAS, under Minnesota Statutes, watershed districts are political subdivisions in the State of Minnesota and have authority to act as the Responsible Governmental Unit (RGU) on projects. As such, watershed districts, like other public entities, including DNR, must follow the rules related to environmental assessment works and environmental impact statements, including soliciting comments from the agencies on the Environmental Quality Board Distribution List, providing responses, and issuing findings; and

**WHEREAS**, watershed districts in the state are created for the purpose of conserving the natural resources and protecting the public health and welfare and does so by implementing best management practices; and

WHEREAS, as an authoritative political subdivision within the State of Minnesota with significant legislative authority and routine vetting and approval of comprehensive watershed management plans within a watershed, with similar goals and authority as the state to protect and preserve the natural resources within the watershed district, watershed district permit applications should be provided deference in the review process and be expedited.

**NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports amending Minnesota Statutes to implement a 60-day permit review limit following a negative declaration on an EAW.

\_\_\_\_\_

**Notes:** Committee recommends adoption.

# Active Minnesota Watersheds Resolutions



December 1, 2023

#### **FINANCE**

#### Capacity

#### 2021-01A: Support SWCD Capacity Fund Sources

Minnesota Watersheds supports SWCD capacity funds to come from county and state general funds.

#### 2021-01B: Support Clean Water Funds for Implementation, Not Capacity

Minnesota Watersheds supports Clean Water Funds being used for implementation and not for capacity.

#### 2021-02: Support Capacity Funding for Watershed Districts

Minnesota Watersheds supports capacity base funding resources directed to non-metro watershed district who request this assistance, to implement the activities as outlined in approved watershed district watershed management plans or comprehensive watershed management plans.

#### **Grant Funding**

#### 2021-07: Support Metro Watershed-based Implementation Funding (WBIF) for Approved 103B Plans Only

Minnesota Watersheds supports BWSR distribution of metro WBIF among the 23 watershed management organizations with state-approved comprehensive, multi-year 103B watershed management plans. Those plans implement multijurisdictional priorities at a watershed scale and facilitate funding projects of any eligible local government unit (including soil and water conservation districts, counties, cities, and townships).

#### **URBAN STORMWATER**

#### **Stormwater Quality Treatment**

#### 2022-02 Limited Liability for Certified Commercial Salt Applicators

Minnesota Watersheds supports enactment of state law that provides limited liability protection to commercial salt applicators and property owners using salt applicators who are certified through the established state salt-applicator certification program and follow best management practices.

#### **Water Reuse**

#### 2022-01 Creation of a Stormwater Reuse Task Force

Minnesota Watersheds supports administratively or legislatively including at least one Minnesota Watersheds member on the Minnesota Department of Health's workgroup to move forward, prioritize, and implement the recommendations of the interagency report on reuse of stormwater and rainwater in Minnesota.

#### WATER QUANTITY

#### **Drainage**

#### 2022-03: Seek Increased Support and Participation for the Minnesota Drainage Work Group (DWG)

 Minnesota Watersheds communications increase awareness of the DWG (meeting dates and links, topics, minutes, reports) amongst members.

- Minnesota Watersheds training opportunities strongly encourage participation in the DWG by watershed staff and board managers (for watersheds that serve as ditch authorities or work on drainage projects) for e.g., add agenda space for DWG member updates, host a DWG meeting as part of a regular event.
- In preparation for Minnesota Watersheds member legislative visits, staff add a standing reminder for watershed drainage authorities to inform legislators on the existence, purpose, and outcomes of the DWG, and reinforce the legitimacy of the DWG as a multi-faceted problem-solving body.
- During Minnesota Watersheds staff Board of Water and Soil Resources (BWSR) visits, regularly seek updates on how facilitation of the DWG is leading to improvements for member drainage authorities and convey this information to members.

### 2023-03: Support New Legislation Modeled after HF2687 and SF2419 (2018) Regarding DNR Regulatory Authority over Public Drainage Maintenance and Repairs

Minnesota Watersheds supports the introduction of new legislation modeled after HF2687 and SF2419 and commits its lobbying efforts toward promoting the passage of the bills in subsequent sessions.

#### **Funding**

#### 2022-05: Obtain Stable Funding for Flood Damage Reduction and Natural Resources Enhancement Projects

Minnesota Watersheds supports collaborating with the Red River Watershed Management Board and state agencies to seek funding from the Minnesota Legislature to provide stable sources of funding through existing or potentially new programs that provide flood damage reduction and/or natural resources enhancements. A suggested sustainable level of funding is \$30 million per year for the next 10 years.

#### **Flood Control**

#### 2021-05: Support Crop Insurance to Include Crop Losses Within Impoundment Areas

Minnesota Watersheds supports expansion of Federal Multi-Peril Crop Insurance to include crop losses within impoundment areas.

#### 2023-04 Seeking Action for Streamlining the DNR Flood Hazard Mitigation Grant Program

Minnesota Watersheds seeks action requiring the DNR to establish transparent scoring, ranking, and funding criteria for the Flood Hazard Mitigation Program (M.S. Chapter 103F) and asking the Minnesota Legislature to fully fund the state's share of eligible projects that are on the DNR's list within each two-year bonding cycle. Information regarding scoring, ranking, and funding should be provided annually to project applicants.

#### Regulation

#### 2020-04 Temporary Water Storage on DNR Wetlands during Major Flood Events

Minnesota Watersheds supports the temporary storage of water on existing DNR-controlled wetlands in the times of major flood events.

#### **WATER QUALITY**

#### Lakes

#### 2022-06: Limit Wake Boat Activities

Minnesota Watersheds supports working with the Minnesota Department of Natural Resources (DNR) to utilize the research findings from the St. Anthony Falls Laboratory and seek legislation to achieve one or more of the following:

- Limit lakes and areas of lakes in which wake boats may operate;
- Require new and existing wake boats to be able to completely drain and decontaminate their ballast tanks; and
- Providing funding for additional research on the effects of wake boats on aquatic systems.

#### WATERSHED MANAGEMENT AND OPERATIONS

#### **Duties**

#### 2023-05: Support Increased Flexibility in Open Meeting Law

Minnesota Watersheds hereby supports changes to the Open Meeting Law to provide greater flexibility in the use of interactive technology by allowing members to participate remotely in a nonpublic location that is not noticed, without limit on the number of times such remote participation may occur; and allowing public participation from a remote location by interactive technology, or alternatively from the regular meeting location where interactive technology will be made available for each meeting, unless otherwise noticed under Minnesota Statutes Section 13D.021; and that Minnesota Watersheds supports changes to the Open Meeting Law requiring watershed district to prepare and publish procedures for conducting public meetings using interactive technology.

#### **Watershed Planning**

#### 2020-03 Soil Health Goal for Metropolitan Watershed Management Plans

Minnesota Watersheds supports amending Minnesota Rule 8410.0080 to include a goal for soil health in watershed management plans and ten-year plan amendments.

#### 2023-06 Education and Outreach to Encourage Formation of Watershed Districts in Unserved Areas

Minnesota Watersheds, in consultation with its membership, develop a framework for education and outreach intended to encourage petition and advocacy for the formation of watershed districts in areas of the state not presently served by watershed-based public agencies.

#### **AGENCY RELATIONS**

#### **Advocacy**

#### 2021-06: Support 60-day Review Required for State Agencies on Policy Changes

Minnesota Watersheds supports requiring state agencies to provide a meaningful, not less than 60-day review and comment period from affected local units of government on new or amended water management policies, programs, or initiatives with a response to those comments required prior to adoption.

#### Regulation

#### **2023-01 Require Watershed District Permits for all State Agencies**

Minnesota Watersheds supports amending Minnesota Statutes § 103D.345, Subd. 5 to read as follows: **Subd. 5. Applicability of permit requirements to state**. A rule adopted by the managers that requires a permit for an activity applies to all state agencies, including the Department of Transportation.

#### **REGULATIONS**

#### **2020-01 Appealing Public Water Designations**

Minnesota Watersheds supports legislation that would provide landowners with a more formal process to appeal decisions made by the DNR regarding the designation of public waters including the right to fair representation in a process such as a contested case proceeding which would allow landowners an option to give oral arguments or provide expert witnesses for their case.

#### NATURAL RESOURCES

No current resolutions in this category.

### **Resolutions to Sunset**

#### Effective December 31, 2024

It should be noted that in July the sunsetting deadline was extended for resolutions expiring in 2017 by two years due to the pandemic and its influence on lobbying efforts. **All 2017 resolutions have a sunset date of 2024.** 

#### 2017-02 Temporary Lake Quarantine Authorization to Control the Spread of Aquatic Invasive Species (AIS)

Minnesota Watersheds supports legislation granting to watershed districts, independently or under DNR oversight, the authority, after public hearing and technical findings, to impose a public access quarantine, for a defined period of time in conjunction with determining and instituting an AIS management response to an infestation.

#### 2019-01 Streamline the DNR permitting process

Minnesota Watersheds supports legislation, rules, and/or agency policies to streamline the DNR permitting process by increasing responsiveness, decreasing the amount of time it takes to approve permits, providing a detailed fee schedule prior to application, and conducting water level management practices that result in the DNR reacting more quickly to serious, changing climate conditions.

#### 2019-02: Add a Classification for Public Drainage Systems that are Artificial Watercourses

Minnesota Watersheds supports removal of the default Class 2 categorization for public drainage systems that are artificial watercourses and supports a default Class 7 categorization for public drainage systems that are artificial watercourses.

### 2019-03 Support for Managing Water Flows in the Minnesota River Basin Through Increased Water Storage and Other Strategies and Practices

Minnesota Watersheds supports efforts to manage the flow of water in the Minnesota River Basin and the Minnesota River Congress in its efforts to increase water storage on the landscape; and Minnesota Watersheds supports the Minnesota River Congress in its efforts to secure state and federal programs targeted specifically to increase surface water storage in the Minnesota River Watershed.

### 2019-04: Clarify County Financing Obligations and/or Authorize Watershed District General Obligation Bonding for Public Drainage Projects

Minnesota Watersheds supports legislation to achieve one or both of the following:

- a) To clarify that an affected county must finance a watershed district drainage project on project establishment and request of the watershed district; and
- b) To authorize watershed districts to finance drainage project establishment and construction by issuance of bonds payable from assessments and backed by the full faith and credit of the watershed district; and further provide for adequate tax levy authority to assure the watershed district's credit capacity.

#### 2019-05 Watershed District Membership on Wetland Technical Evaluation Panels

Minnesota Watersheds supports legislation to allow technical representatives of watershed districts to be official members of wetland technical evaluation panels (TEPs).

#### 2019-06: Oppose Legislation that Forces Spending on Political Boundaries

Minnesota Watersheds opposes legislation that establishes spending requirements or restricts watershed district spending by political regions or boundaries.

#### 2019-07 Chinese Mystery Snail Designation Change and Research Needs

Minnesota Watersheds supports Chinese Mystery Snail prevention and control research and to change the Chinese Mystery Snail designated status in Minnesota as a regulated species to a prohibited species.



## **Board of Managers 2024 Action Log**

Wednesday, November 6, 2024

Item	Anticipated Action Date	Means of Action	Completed
Shoreland Assessment Next Steps	Winter 2024	Board Discussion	
PFOS Update	Winter 2024	Presentation and Board Discussion	
CAC 2025 Work Planning	Winter 2024	Board Discussion	
Impervious Surface Reduction Planning	WMP 2025	Presentation and Discussion.	
Chloride Use Reduction/Low Salt Design/Calibration Techniques	WMP 2025	Presentation and Board Discussion	

\*\*\*\*\*\*

# Project and Program Status Reports

\*\*\*\*\*





## Memorandum

To: Board of managers and staff

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

**Date:** October 30, 2024

Note: The location, brief description, and current status of each project described below can be found on the <u>2024 Ramsey-Washington Metro Watershed District (RWMWD) engineering</u> services story map.

## **Project feasibility studies**

# A. Street sweeping (Barr project manager: Michael McKinney; RWMWD project manager: Paige Ahlborg)

The purpose of this study is to support the 2024 enhanced street-sweeping grant program.

During this period, Barr presented the RWMWD street-sweeping prioritization project and street-sweeping grant program at the 2024 Minnesota Water Resources Conference. We are tracking RWMWD communications with the City of Saint Paul related to available funding for enhanced street sweeping, and we will be ready to help the city as additional funding becomes available.

# B. Maplewood Mall 2024 assessment (Barr project manager: Fred Rozumalski; RWMWD project manager: Paige Ahlborg)

The purpose of this effort is to conduct a comprehensive assessment of Maplewood Mall, similar to the effort completed in 2018. The assessment leverages an iPad field data application to collect information on the site's tree trenches, rain gardens, porous pavers, and educational features. This effort will help define tree replacements in groves where trees are doing poorly (especially in the north and northwest tree groves) and guide repairs for a garden that is no longer draining properly.

Last period, Barr completed the final round of fieldwork planned for the site, including measuring oxygen levels and performing video inspections in select tree trenches as well as conducting a "synthetic storm" in the south tree grove (as described last period). The findings from these efforts were presented at the Minnesota Water Resources Conference in October and are included in a report shared in this month's Board packet.

# C. Watershed approach to retrofit projects (WARP) (Barr project managers: Marcy Bean and Tyler Olsen; RWMWD project manager: Paige Ahlborg)

In 2022 and 2023, Barr reviewed the history of the retrofit program to help inform considerations for future projects. This "retrofit inventory" resulted in an updated database of over 17,000 properties

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

**Date:** October 30, 2024 Page 2

and geographic information system (GIS) maps of built and considered projects. In 2024, Barr will work with the RWMWD to consider the intersections between the database and other district-wide initiatives and information to guide a more systematic approach to retrofit project selection.

This month, Barr began coordinating the WARP presentation for the Minnesota Watersheds Conference in December. We will begin preparing the presentation in collaboration with the RWMWD this fall.

## Monitoring water quality/project monitoring

# D. Special-project BMP monitoring (Barr project manager, Erin Anderson Wenz; RWMWD project manager, Eric Korte)

The purpose of this project is to monitor the performance of and collect data from BMPs throughout the RWMWD.

This month, Barr completed maintenance work on the Willow Pond continuous monitoring and adaptive control (CMAC) system, including downloading water level information, fixing the actuator valve, and cleaning the outlet structure. Barr and the RWMWD will continue to monitor the system and data over the next month.

Barr also met with the City of Maplewood to discuss the Wakefield Park infiltration basin, which, in recent months, has not been draining properly. Barr and the RWMWD have attributed the problem to the city's downstream grit chamber, which was clogged, slowing drainage of the infiltration basin. The city has since unclogged the structure and is considering replacing the grit chamber with a larger and more easily maintainable structure as part of the city's 2025 street improvement program.

## Watershed management plan update

# E. Watershed management plan update scoping (Barr project manager, Greg Williams; RWMWD project manager: Tina Carstens)

The purpose of this project is to prepare for the RWMWD watershed management plan update by scoping pre-work that should take place this year.

During this period, Barr met internally to identify tasks to be initiated in 2024, refine the scope of those tasks, and schedule a project kickoff meeting with the RWMWD.

## **Project operations**

# F. Lake Phalen/Keller Creek and Twin Lake operations support and communications (Barr project manager: Brandon Barnes; RWMWD project manager: Eric Korte)

The purpose of this project is to support the RWMWD and the City of Maplewood in operating lake outlet control structures.

This month, Barr and the RWMWD met to discuss how staff members have used operation manuals for Lake Phalen, Keller Creek, Twin Lake, West Vadnais Lake bypass, and McKnight Basin and emergency response plans for Tanners Lake, Battle Creek Lake, and Gervais Lake. We discussed

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 3

where the operation plans provide clear direction and where they could be simplified to more efficiently determine if action is required. This month, Barr will prepare a quick reference guide that summarizes key information, including lake-level information sources, responsible entities and personnel, and contact information. We anticipate providing a draft for RWMWD review in December.

## **Capital improvements**

# **G.** Woodbury Target store stormwater retrofits (Barr project manager: Katie Turpin-Nagel; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to create concept-level and final designs and construct stormwater BMPs for Woodbury's Valley Creek Target shopping complex.

Construction is complete at the Woodbury Target. The one-year plant warranty began on September 19. This month, Peterson Companies submitted its project closeout documentation, including IC134 documents, as-built elevations, and concrete testing results. Over the next month, Barr will develop a record drawing using the information provided. Peterson's third and final payment application is included in this month's board packet for the managers' approval.

Kurilla Contracting's construction retainage will not be released this month, as we are awaiting submittal of Kurilla's IC134 documentation.





Mid-October progress photo of the north (left) & South (right) filtration rain garden at the Woodbury Target

# H. Targeted retrofit projects 2024 (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design BMP retrofits on previously identified commercial, school, and faith-based properties throughout the district, as well as to provide bid assistance and oversee construction.

The RWMWD and Barr have met potential project partners and visited sites to determine possible projects for 2025 retrofits: Saint Paul Youth Services green roof, Maplewood Toyota BMP retrofit,

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

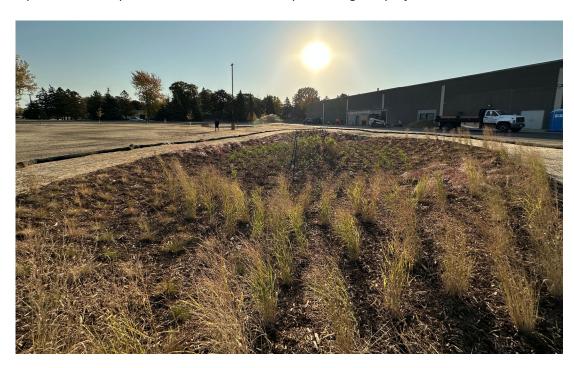
Date: October 30, 2024 Page 4

and landscape improvements and BMP retrofits at Cochran Recovery Services in Maplewood. Barr has completed site surveys, and design will begin in early November with the goal of bid documents ready for board approval in March 2025.

# I. Stewardship grant program (Barr project manager: Marcy Bean; RWMWD project manager: Ashlee Ricci)

The purpose of this project is to 1) provide BMP design and review services to cost-share applicants throughout the RWMWD on an as-needed basis and 2) support the development of the stewardship grant program.

Woodland Hills Church reconstruction is complete! A photo of the rain garden is included below. This period, Barr helped the RWMWD evaluate a potential grant project at The Grove Church.



# J. Pioneer Park stormwater reuse (Barr project manager: Jennifer Koehler; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to complete the final design, plans, and specifications for a stormwater reuse system in Pioneer Park that will reduce both the use of groundwater for irrigation and phosphorus loads to downstream water bodies.

Peterson Companies has installed the WaterTronics reuse pumps and treatment system at Pioneer Park, connected the intake structure and existing irrigation system, and is making the necessary electrical connections to the treatment system. Peterson submitted and Barr reviewed information related to modification of the park pavilion piping. Peterson completed the modifications as well as an initial startup on October 28 to pressure-test the system and, as a result, made a few repairs to the existing irrigation system. Barr visited the site to develop a preliminary punch list of remaining work. Peterson will start up the reuse system in spring 2025 and will train RWMWD and city staff,

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 5

and the system will be ready for the 2025 irrigation season. Additionally, Barr and the RWMWD gave the managers a tour of the system and site prior to the October 2024 board meeting.



# K. Fish Creek tributary improvements (Barr project manager: Tyler Olsen; RWMWD project manager: Tina Carstens)

The purpose of this project is to design and implement vegetation improvements around Double Driveway Pond, as well as stream stabilization improvements in the Fish Creek tributary upstream.

This month, Barr marked the existing and proposed easements along the creek to provide property owners with a visual of the extent of the project's proposed alterations. The RWMWD and property owners continued discuss signing the purchase agreements. These conversations have progressed positively; one property owner has verbally agreed to sign on the condition that they receive a small allowance to purchase a non-permanent pedestrian bridge to be placed across the creek. The RWMWD, Barr, and the district's legal counsel will work to incorporate language in the purchase agreement for this allowance and for the ability to move/remove the bridge in the future if it becomes a maintenance concern.

# L. Cottage Place wetland regeneration (Barr project manager: Brendan Dougherty; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design and restore a degraded wetland on City of Shoreview property near the Cottage Place cul-de-sac. The project will involve the creation of plans, bidding, and construction administration to provide additional stormwater treatment and restore wildlife habitat in the area.

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 6

This month, Barr continued to coordinate the construction schedule, preliminary submittals, and initial site removals with Dimke Excavating. The first round of buckthorn and invasive species management was completed on October 25. Tree removal is scheduled for November 18.

# M. County Road C culvert replacement (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design and construct a box culvert where Kohlman Creek crosses under County Road C (owned by Ramsey County) in Maplewood. The culvert was identified as a flood risk reduction improvement project in the Kohlman Creek flood risk reduction feasibility study.

During this period, construction is substantially complete at the County Road C project site; see photos of the completed project below. On October 16, Barr and the RWMWD performed a final walkthrough of the project with Bituminous Roadways. The second pay application and first change order (contract price reduction) are included in this month's board packet. Barr prepared a punch list of items for Bituminous Roadways to address before the final pay application and retainage are released. Additionally, Bituminous Roadways will install curb in early November, after Ramsey County's mill and overlay project of the road is complete (separate from the RWMWD's project).



Upstream end of County Road C culver (south side of the road, looking south)

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 7





Photos of the upstream end (left) and downstream end (right) of the box culvert. The upstream end has rate-restriction steel plate fastened to the box culvert. The downstream photo shows rip rap placed along the bottom of the entire box culvert for aquatic organism habitat/passage. These photos were taken prior to seeding and placement of an erosion control blanket.

# N. Kohlman Creek flood risk reduction projects—final design (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design multiple flood risk reduction improvement projects that were previously identified in the Kohlman Creek flood risk reduction feasibility study. The improvement projects include PCU Pond T grading, 13th Avenue storm sewer improvements, and berm grading and outlet installation in the backyards of homes along County Road C.

During this period, Barr prepared a subcontract with a drilling company (WSB) to collect soil borings at the two locations for final design of flood risk reduction improvements. We also prepared a survey scope for our team to collect topographic information required for final design. Topographic survey and soil borings are scheduled to be completed by early November. We will then advance the design of improvements. This fall, Barr will share preliminary designs with and gather input from Maplewood, North Saint Paul, and Ramsey County. The tentative schedule is to solicit bids during winter 2024–2025 and construct in summer 2025.

# O. Kohlman Lake alum treatment (Barr project manager: Tyler Olsen; RWMWD project manager: Paul Erdmann/Eric Korte)

The purpose of this project is to collect information required for and design an alum treatment for Kohlman Lake in Maplewood.

On October 28, Barr coordinated with the RWMWD to collect sediment cores of Kohlman Lake. We will begin analyzing the sediment for different species of phosphorus and will use this data to design an alum treatment for the lake. Treatment will occur in spring 2025.

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 8

## Capital improvement plan (CIP) project repair and maintenance

# P. Routine CIP inspection and unplanned maintenance identification (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)

The purpose of this effort is to maintain the RWMWD's existing capital improvement projects as they arise outside the normal annual maintenance project.

Initial surveys of sites for inclusion in the 2025 CIP project are complete. This upcoming CIP project is slated to be the largest number of pond cleanouts in the annual maintenance project to date, with 22 separate sediment cleanout sites being evaluated for sediment removal. Most of these sites have been submitted by municipalities participating in the district's cost share program. We currently estimate that half of these sites will be included in the project scope. A possible cause of the increase in program participation is the district's presentation at the city engineers conference last year. The talk was well attended and generated a lot of positive comments.

The 90-percent design and specifications table of contents are included for board consideration at the November 6 board meeting.

# Q. Beltline Mississippi Branch outfall replacement project (Barr project managers: Joe Welna and Nathan Campeau; RWMWD project manager: Dave Vlasin)

The purpose of this project is to replace the final approximately 70 feet of the Beltline Interceptor adjacent to the Mississippi River that failed in July 2023.

In October, Barr helped the district review submittals, coordinate access to the project site, perform site investigations with the contractor, and develop a change order for additional site investigations. Construction and repair are planned for late fall and winter 2024–2025.

## R. Natural resources update: Paul Erdmann

#### Management and Restoration work continues on District Sites

The warm and very dry fall weather has allowed the Natural Resources program to continue our restoration work as we wait for winter. We plan to seed the Goodrich Golf Course expansion this week after some delays due to equipment issues and dry soils prohibiting seeding. We will also be doing some additional seeding at the Keller Lake Shoreline Project. Seed collection is also in full swing. Seed collected by staff supplements the seed we purchase for various projects and is sometimes used by the Education and Communications Program for their work with schools and others. Much of the seed collected will be used in the coming weeks and next spring to supplement existing restorations. During seed collection, NR staff also learn how to identify plants during the dormant season, which is a critical skill to have in order to assess sites when plants aren't actively growing.

We are also making the round to our other sites, including Casey Lake, Wetland A, Lake Phalen, Keller Golf Course and Lake Owasso for spot treatment of reed canary grass, woody vegetation management, and some watering due to the flash drought.

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 9

# Busting Buckthorn and Engaging Volunteers & the Community

Late last winter, Gary Schroeher, a member of our CAC, approached the NR team about partnering with us to improve the vegetation around Hanlo's Pond, a large pond located in Lakewood Hills Park in White Bear Lake. After some discussions and planning with the City and our CAC, a buckthorn bust was held on the north side of Hanlo's Pond on October 24th. Coordinated by Communication Specialist, Carrie Magnuson, NR staff and volunteers from the CAC and the City's Environmental Advisory Commission removed a dense patch of buckthorn and other woody invasives to make way for some native plants that will be seeded by the City this fall. We look forward to continuing engaging with our citizen volunteers on many projects in the future.



Above: Hanlo's Pond Buckthorn Busters stand next to the fruits of their labor Below: Hanlo's Pond area, volunteers and staff



NRCS Soil Samples on Lake Phalen On October 22<sup>nd</sup>, some of our NR team joined staff from the Natural Resources Conservation Service and the University of Minnesota (including former NR intern, Katrina Nelson, who clued us in to this opportunity) to help take soil samples at Phalen Regional Park. Soil samples were taken to a depth of 1.5 meters down. Twelve samples around the park will add to and update data from the 1970s to help us better understand the types of soils found around Lake Phalen. This is part of a larger project called the Urban Soil Survey, where the NRCS is updating urban areas on the USDA-NRCS Web Soil Survey, the go to source for soil information in the United States. For most urban areas, the current soil information is incomplete, outdated, or nonexistent. When soil in metropolitan areas was surveyed in the 1970s, broad generalizations were applied, and many areas were not surveyed. The update will provide important soils data for planners, engineers, natural resource and stormwater managers, urban farmers and gardeners, community groups and more.



Bjorn and Sommer observe NRCS staff collecting soils data on Lake Phalen

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

**Date:** October 30, 2024 Page 10

**Building Knowledge** Conference season has begun, with Pat and Joe attending the Water Environment Federation's Technical Exhibition and Conference (WEFTEC) and interns Sommer and Bjorn attending their first Minnesota Water Resources conference. Staff reported engaging sessions at both conferences and feeling proud that Minnesota places such a priority on protecting water resources. The NR Team looks forward to attending the Upper Midwest Invasive Species Conference in mid-November.

# S. Communications and engagement program: Lauren Hazenson and Carrie Magnuson

## **Education**

To put it lightly, it was a busy month for the education team. Staff and volunteers delivered classroom, outdoor, and field trip programming for 17 classes and over 393 students ranging from 3<sup>rd</sup> to 10<sup>th</sup> grade in six cities. Programs were delivered at the following schools:

- American Indian Magnet (Eastside St. Paul)
- Central Park Elementary (Roseville)
- Farnsworth Aerospace Elementary (Eastside St. Paul)
- Lionsgate School (Shoreview)
- St. John The Evangelist School (Little Canada)
- Weaver Elementary (Maplewood)
- Woodbury Elementary (Woodbury)

Here are a few examples of the curriculum delivered through classroom lessons:

- Enviroscape: Introduction to Stormwater Pollution
- Macroinvertebrates with Entomologist Jessica Miller
- Plant exploration activities at school BMPs
- Seed collecting
- Plant collage activity using blooms and seedheads



## Highlights from this month:

## Wakefield Elementary Rotating Field Trip Day

Communications Specialist Carrie led three classes from their school along the Gateway and Bruce Vento trails about 1.1 miles, to Wakefield Lake, where there were three stations set up:

• Station 1: Rain Garden study. Sage and Master Gardeners volunteers led students to draw and find plants and shrubs in the rain garden and talked about the function and importance of rain gardens.

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 11

## Station 2: Just Passing Through game

This modified game of tag has students assigned roles as a pipe, a native plant, or a polluted raindrop. This activity aims to illustrate that polluted stormwater is not treated/filtered between the storm drain and the nearest water body unless it can infiltrate into the ground. This game emphasizes the benefits of native plants in helping with stormwater treatment.

 Station 3: Retired Naturalist and CAC member, Scott Ramsay, led the students to the fishing pier where they netted aquatic insects and observed/analyzed what they found.

## American Indian Magnet Field Trip: A tour of the Phalen Creek daylighting project with Wakan Tipi Staff



East Side Boys & Girls Club

 Students received on site lessons on flood resiliency BMPs (pavers, rain gardens), native plant restoration, and plant awareness by doing chalk drawings

Phalen Creek proposed daylighting location

■ Interfluve Senior Engineer, Maren Hansell, Wakan Tipi Awanyankapi Restoration Manager, Gabby Menomin and Wakan Tipi Awanyankapi Cultural Engagement Manager, Cherish Renville talked about the efforts to daylight the creek while students toured the site mapped with flags designating future changes.

#### Central Park Elementary Neighborhood Clean-Up

Four classrooms cleaned up leaves from the street to align with lessons on water pollution and actions kids can do to help. Students collected an impressive 44 full contractor bags along Cohansey St between County Road B2 W and Oakcrest Ave. Bags of leaves were brought to nearby compost site by NR interns and a friendly neighbor.

Many thanks to volunteers Lee Bauer, Rachel Hanks, Scott Ramsay, Mary Guerro, Jean Bentley, Bill Brian,



Kathy Sidles, Beth Peck, and Stuart Knapmiller for making these activities possible. Thanks as well to interns Sommer Meyer and Bjorn Bergerson for their help with the neighborhood clean-up.

#### **Communications and Outreach**

## Eastside St. Paul Outreach Pilot

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

**Date:** October 30, 2024 Page 12

RWMWD is partnering with Greater East Side Community Council on a pilot to conduct outreach to a neighborhood within one of the highest equity priority areas in the district. The focus of this round is to disseminate information about the Stewardship Grant Program and the funding criteria for homeowners who meet our equity funding criteria. GreenCorps member Cooper Klotzbach will team up with the community council's Climate Action Americorps Member to doorknock this neighborhood, located between Prosperity Heights Park and White Bear Avenue, on November 4<sup>th</sup>. We will then use the data they collect to plan doorknocking and other targeted engagement measures next spring.

### **Outreach and Engagement Volunteer Program Pilot**

Our Engagement tram seeks expand community outreach in targeted areas where we have projects or where there is a need for more engagement identified by the community survey conducted this February, or through conversations with city and community partners. GreenCorps member Cooper Klotzbach will be working with CAC members to pilot the program before it is introduced to the genral public. The goal of this program will be to build visibility of RWMWD and our work, increase the public understanding of water resource concerns and actions they can take combat them, and to build relationships and trust with portions of thee community unreached by our current communications and outreach approach.

## 50th Anniversary Planning

Three staff subcommittees were created to address the brand and campaign, community education events, and celebration components of the RWMWD 50<sup>th</sup> Anniversary, which will happen in summer of 2025. The work team as a whole reviewed examples of anniversary celebrations and related content from other metro watershed districts to prepare for planning work.

Members of the Board are invited to participate in the planning by serving on an advisory work team that will review the planning documents of each subcommittee and make suggestions on what components to add or subtract. The first opportunity for this team to review planning documents will be in January 2025.

#### Newsletter

Opens: 61.7% Audience: 1,604

Social Media (Facebook, YouTube, Instagram, LinkedIn)

#### **Facebook**

Reach: 338

Engagement (likes, shares, comments): 12

Followers: 1,733

#### Instagram

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

October 30, 2024 Date: Page 13

Reach: 488 Engagement: 24 Audience: 978

#### YouTube

Views: 417

Watch time (hours): 14.6

Subscribers: 349 Viewers: 323

#### LinkedIn

Reach: 112 Audience: 8

## Resident Communications and Outreach/Professional Development/ Public Meetings, Misc.

- Sept 27<sup>th</sup> Hmongtown Marketplace Farmer Market outreach
- October 6<sup>th</sup> 9<sup>th</sup> WEFTEC Conference
- October 10<sup>th</sup> Blue Thumb tour of Keller Golf Course, Keller Lake Shoreline, and Keller Island.
- October 15<sup>th</sup> and 16<sup>th</sup> Water Resources Conference
- October 22<sup>nd</sup> CAC meeting
- October 25<sup>th</sup> Minnesota Association of Government Communicators Conference
- October 24<sup>th</sup> Hanlo's Pond buckthorn bust with CAC

## T. Citizens Advisory Committee (CAC): Carrie Magnuson

The Citizen Advisory Committee met on October 22<sup>nd</sup>, 2024, at 6:30 pm at the RWMWD office and Zoom.

In attendance were 11 CAC members, 2 staff members, & 1 Green Corps member serving at RWMWD. The following initiatives were discussed and further developed

- 1. Watershed Excellence Awards & Volunteer Recognition Dinner planning: The Recognition Dinner date has been set for Thursday, November 21st.
  - <u>Display:</u> The CAC will again plan to have a physical hand out or display regarding chloride pollution and smart salting design. Drafts of this handout were reviewed, and next steps discussed.
  - b. Speakers: Often CAC members will volunteer to present Watershed Excellence awards. A few members volunteered. Lauren Hazenson will take those into consideration when planning.
  - c. Video preparation: Lauren asked for volunteers or suggestions for people to interview for the videos about the awardees that will be shown at the dinner.

## 2. Outreach & Engagement Volunteer Program -

From: Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes

Subject: Project and program status report: November 2024

Date: October 30, 2024 Page 14

a. <u>General volunteer opportunities</u>: CAC will have an opportunity to volunteer at Hanlo's Pond with a buckthorn cutting event on October 24<sup>th</sup> at 4pm. There is also a Keller Shore planting opportunity planned for May, 2025. Both opportunities are in conjunction with the RWMWD Natural Resources Team. See the NR report for buckthorn cutting event details.

b. <u>Outreach & Engagement Volunteer Program Pilot:</u> The RWMWD Communications team is looking to expand community outreach in targeted areas where we have projects and/or where we have not previously done outreach. CAC members were asked to take part in this pilot to give feedback on the program itself as well as review other volunteer opportunities they've taken part of in RWMWD and elsewhere. The goal of this program will be to build relationships within the community with the support of the CAC members who live and work in them.

#### Future meetings:

December 3<sup>rd</sup>