



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

December 2024 Board Packet

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Agenda

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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) and via Zoom's video conferencing platform. Board members, staff, consultants, and the general public can join in person OR via video and/or phone. The public can listen to the meeting but not participate, with the exception of the visitor comments portion of the agenda. Instructions for joining the Zoom meeting can be found after the agenda.

1. Call to Order – 6:30 PM
2. **Approval of Agenda (pg. 3)**
3. **Consent Agenda: To all be approved with one motion unless removed from the consent agenda for discussion.**
 - A. Approval of Regular Meeting Minutes November 6, 2024 (pg. 7)
 - B. Treasurer's Report and Bill List (pg. 14)
 - C. Permit Program
 - i. 24-51 Woodlane Drive Trail, Woodbury (pg. 29)
 - ii. 24-52 Shoreview Villas II (Lots 1-8), Shoreview (pg. 33)
 - iii. 24-53 RWMWD 2025 CIP Maintenance and Repair Project (pg. 40)
 - iv. 24-54 Gladstone Village II, Maplewood (pg. 43)
 - D. Cottage Place Wetland Restoration – Change Order No. 1 (pg. 47)
 - E. BMP Service Agreement – Washington Conservation District (pg. 50)
 - F. BMP Service Agreement – Ramsey County (pg. 59)
4. Visitor Comments (limited to 4 minutes each)
5. Permit Program
 - A. Applications
 - i. 24-50 Flandreau-Case Pond Improvements, St. Paul (pg. 67)
 - ii. 24-32 WCA Ramsey County Bruce Vento Trail (White Bear Lake) (pg. 76)
 - B. Enforcement Action Report (pg. 95)
6. Stewardship Grant Program
 - A. Applications – None
 - B. Budget Status Update (pg. 101)
 - C. **2024 Program Overview and 2025 Program Approval (pg. 102)**
7. Action Items
 - A. **2025 Board Meeting Dates (pg. 116)**
 - B. **2025 CIP Maintenance and Repair Project Bid Review and Approval (pg. 117)**
 - C. **2025 Budget and Levy Final Approval (pg. 123)**
8. Attorney Report
9. Board Discussion Topics
10. New Reports and/or Presentations
 - A. Central Park (Roseville) Flood Risk Reduction Feasibility Study Scope Summary (pg. 129)
 - B. Beltline Inspection and Survey Scope Summary (pg. 133)

11. Administrator's Report (*pg. 138*)
 - 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. 141*)
 - Project Feasibility Studies*
 - A. Watershed Approach to Retrofit Projects
 - B. Ames Lake Area Flood Risk Reduction Planning Study
 - C. Maplewood Mall 2024 Assessment
 - Monitoring Water Quality/Project Monitoring*
 - D. Special-Project BMP Monitoring
 - Watershed Management Plan Update*
 - E. Stakeholder Engagement
 - F. Watershed Management Plan Update Scoping
 - Project Operations*
 - G. 2024 Tanners Alum Facility Monitoring
 - H. Lake Phalen/Keller Creek and Twin Lake Operations Support and Communications
 - Capital Improvements*
 - I. Woodbury Target Store Stormwater Retrofits
 - J. Roosevelt Homes
 - K. Targeted Retrofit Projects 2024
 - L. Stewardship Grant Program
 - M. Pioneer Park Stormwater Reuse
 - N. Fish Creek Tributary Improvements
 - O. Cottage Place Wetland Regeneration
 - P. County Road C Culvert Replacement
 - Q. Kohlman Creek Flood Risk Reduction Projects - Final Design
 - R. Kohlman Lake Alum Treatment
 - CIP Project Repair and Maintenance*
 - S. Routine CIP Inspection and Unplanned Maintenance Identification
 - T. 2025 CIP Maintenance and Repairs
 - U. Beltline and Battle Creek Storm Sewer Five-Year Inspection and Beltline Detailed Survey
 - V. Beltline Mississippi Branch Outfall Replacement Project
 - Program Updates*
 - W. Natural Resources Program
 - X. Communications and Engagement Program
13. Manager Comments and Next Month's Meeting
14. **Adjourn**



RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

NOTICE OF BOARD MEETING

Wednesday, December 11, 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: <https://us02web.zoom.us/j/81203705270>

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 **812 0370 5270**. The meeting password is **648514**. If you have any questions, please contact Tina Carstens at tina.carstens@rwmwd.org.

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Consent Agenda

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**Ramsey-Washington Metro Watershed District
Minutes of Regular Board Meeting
November 6, 2024**

The Regular Meeting of November 6, 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 <https://youtu.be/IByfHhZwtW0>. Video time stamps included after each agenda item in minutes.

PRESENT:

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

ABSENT:

Matt Kramer, Treasurer

ALSO PRESENT:

Staff:

Tina Carstens, District Administrator
Paige Ahlborg, Assistant Administrator
Nicole Maras, Regulatory Program Manager
Ashlee Ricci, Grant Program Specialist
Kyle Kubitza, Monitoring Technician
Dave Vlasin, Project Coordinator
Patrick Williamson, Natural Resources Specialist
Cooper Klotzbach, Green Corp. Member
Kendra Kloth, Regulatory Technician

Consultants:

Tracey Galowitz, Attorney for District
Brandon Barnes, Barr Engineering

Visitors:

None

1. CALL TO ORDER

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

2. APPROVAL OF AGENDA (1:43)

Manager Wang requested to move permit application 24-49 Tanners Lake Development, Oakdale to 5C under the permit program section.

Motion: Manager Wang moved, Manager Karp seconded, to approve the agenda as amended.

Motion carried unanimously.

3. CONSENT AGENDA (2:29)

- A. Approval of Minutes from October 2, 2024
- B. Treasurer's Report and Bill List
- C. Permit Program
 - i. ~~24-49 Tanners Lake Development, Oakdale~~
- D. Stewardship Grant Program
 - i. 24-50 CS Pass the Piano
 - ii. 24-51 CS Lindberg

- iii. 24-53 CS Owasso Hills Drainage Improvements
- iv. 24-55 CS St. Paul Street Sweeping
- v. 24-56 CS Redeemer Lutheran Church
- E. County Rd. C Culvert Replacement – Change Order No.1

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

Motion carried unanimously.

4. VISITOR COMMENTS (5:56)

No comments.

5. PERMIT PROGRAM (6:04)

A. Applications – See consent agenda

B. Monthly Enforcement Report

Nicole Maras provided an overview of the monthly enforcement report for October. Nicole went on to provide project updates, highlighting the progress at the Snail Lake development, stating that good compliance had been seen so far. Nicole went on to discuss a closed permit underground BMP success story discussed in the enforcement report. Nicole stated that a sink hole had been found at a permit site that had been closed in 2002. Nicole explained that this sink hole was discharging into Kohlman Creek. Nicole reviewed the steps District staff took to rectify the situation.

C. 24-49 Tanners Lake Development, Oakdale

Nicole Maras provided details of permit application 24-49 Tanners Lake Development, Oakdale. Nicole explained that a previous permit application had been approved for this site but the project was never constructed. Nicole stated that the proposed development would be residential. Nicole noted that the proposal included a decrease in impervious surface on the site by 1/3rd acre as well as installation of a number of stormwater treatments and flood compensatory storage facilities for the site. Nicole explained that there was also a proposed elevated boardwalk along the lake shore. Nicole stated that the developer was working with the City of Oakdale to make sure shoreline ordinances will be met. Nicole provided details on the permits that will be required from other agencies. Nicole stated that there was a WCA no wetland determination for the parcel. Nicole explained that there were no jurisdictional wetlands on the site.

Manager Wang questioned if there was a process in place to ensure that the owner is capable and aware of how to maintain the systems installed and ensure that it remains an effective stormwater treatment.

Nicole Maras stated that the developer had submitted a signed maintenance agreement that states they will maintain and inspect their own facilities while also allowing District staff to inspect the facilities and maintain facilities if the need arose. Nicole explained that there was also a site-specific operations and maintenance plan in place that is meant to be handed over during any change in ownership, noting that this is explained when a permit is closed. Nicole stated that projects with closed permits are added to the closed permit inspection list with long term inspections taking place. Nicole reiterated that the operations maintenance plan is site specific and updated so that anyone could pick it up and understand the maintenance requirements at the site. Nicole confirmed that the operations and maintenance plans are a vital piece of communication to aid in the maintenance of the systems.

President Eisele requested clarification on how the DNR plays a part in the permitting for this development.

Nicole Maras stated that outside of the floodplain the OHW and lake line are under DNR jurisdiction. Nicole explained that the city of Oakdale worked with the DNR to adopt shoreline ordinance for the City of Oakdale. Nicole explained the DNR had additional interaction with the developers due to the development being on the horizon when the shoreline ordinance was adopted. Nicole explained that she had been in communication with a DNR hydrologist to ensure the intent was to move forward with the project so that the District was not proposing something for approval that would

be a non-starter. Nicole stated that she hadn't heard of any issues that would prevent the project from moving forward from the DNR or City of Oakdale.

Motion: Manager moved, Manager Wang seconded, to approve permit 24-49 Tanners Lake Development, Oakdale.

Motion carried unanimously.

6. STEWARDSHIP GRANT PROGRAM (21:27)

A. Applications – See consent agenda

B. Budget Status Update

Ashlee provided an overview of the budget status report noting that the remaining allocation is low. Ashlee explained that new applications are received are being moved to 2025.

Manager Gernes commented that he liked to see that the budget was being spent and that planning for 2025 was already in the works.

7. ACTION ITEMS

A. 2025 CIP Maintenance and Repair Project Approval of Plans and Authorization to Advertise Bid (25:37)

Tina Carstens provided an introduction to the 2025 CIP Maintenance and Repair Project and the approval of plans and authorization to advertise bid. Tina explained that this is an annual project.

Brandon Barnes stated that every year the preliminary plans are brought to the Board with requests to review the plans and authorize bid solicitation. Brandon noted that the bids would be brought to the Board at the December meeting for approval. Brandon stated that work would begin in January 2025. Brandon went on to discuss the details of the proposed pond clean outs, noting that it is more efficient to complete the work when the ground is frozen and areas are more accessible. Brandon went on to review the summary of sites included in the 2025 CIP and the costs associated with those sites, noting that some of the sites were District managed while others were sites managed by partner cities. Brandon explained that the District would be reimbursed from the cities where the sites were located. Brandon went on to review the technical specifications that will be provided to the contractor. Brandon discussed the preliminary plan set and provided details on how the preliminary designs are created and described the process of getting approvals from the cities. Brandon noted that the scop may change as final approvals come in but the number of sites and overall concept would remain the same.

President Eisele questioned how the ponds are selected.

Brandon Barnes stated that there are two types of sites, District maintained, and City maintained. District maintained sites are identified for clean out through inspections completed by District Staff and Barr Engineering staff with a prioritization list being created from those inspections. Brandon explained that the second group of sites come from cities requesting to take participate in the program.

Manager Wang noted that the report showed that this had been the highest number of requests to date and that it was thought that came from a presentation given at a city engineer conference. Manager Wang asked what may have sparked such a large number of requests.

Paige Ahlborg stated that she believed a presentation given at a city engineer conference sparked interest and noted that staff of cities that had participated in the past were also present at the presentation and thought that may have helped spark more interest. Paige stated that there are no other programs like this being offered by other watersheds.

Manager Wang questioned if there would be any risk to an increase in disposal costs once the project is started.

Dave Vlasin stated that with the current data available there were not concerns at this time.

Brandon Barnes stated that a sediment core would be provided to the contractor. Brandon stated that with that information they would be able to determine how to dispose of the material as well as what the associated cost would most likely be.

Motion: Manger Karp moved, Manager Gernes seconded to 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.

Motion carried unanimously.

B. Approval to Distribute Watershed Management Plan Notification Letter (43:50)

Tina Carstens provided details of the Watershed Management Plan notification letter. Tina stated that the memo would be sent to city officials and staff. Tina noted that the memo would include an online survey with the initial ask for their input to start conversations as planning moves forward.

Predisent Eisele questioned if there is an outreach plan for community organizations.

Tina Carstens confirmed that District staff is working with Barr staff to create an outreach and engagement plan.

Motion: Manger Wang moved, Manager Karp seconded to authorize staff to distribute the notification letter to the required plan review authorities and agencies.

Motion carried unanimously.

8. ATTORNEY REPORT (52:30)

Tracey Galowitz provided details of the work the attorney's office had completed over the past month, including publishing the aerator notice that is sent every fall, reviewing access agreements, revising the volunteer liability waiver and continued work on the Fish Creek tributary easements.

9. BOARD DISCUSION TOPICS (55:01)

No comments.

10. NEW REPORTS AND/OR PRESENTATIONS

A. RWMWD Project Cost-Benefit Analysis Update (56:11)

No comments.

B. Maplewood Mall Assessment Report (1:00:09)

Manager Wang questioned if maintenance should be continued as it has been done in the past or if something different is needed due to the noted sediment and weed growth.

Paige Ahlborg provided details of the maintenance being completed, noting that trash removal and aggressive native plants are the more time-consuming issues and stated that an overhaul may be done to remove and replace the more aggressive species. Paige noted that the mall does complete parking lot sweeping to help with the sediment.

Manager Wang questioned if there is any concern with the status of the mall and change of ownership.

Tina Carstens stated that there were no concerns that the mall would be going away and noted that the investment is expected to remain at the location.

Paige Ahlborg stated that the new owners of the mall are excited about continuing the work.

President Eisele questioned if there was a different direction that could be gone in regarding the pavers, noting that the current pavers seem susceptible to picking up sediment.

Paige Ahlborg stated that this is something that would be looked at to find out if it would be worth replacing.

C. Owasso Basin Lessons Learned (1:11:42)

President Eisele questioned if the property owners had been involved at the right time or if there could have been a more proactive approach.

Brandon Barnes stated that there had been ongoing communication with staff at the site for many years and there had been support going into the project. Brandon stated that the pause occurred right before mobilization. Brandon stated that one of the lessons learned is that communication could have been more direct to make sure the person with authority to give approval was supportive of the project.

Manager Gernes asked if St. Paul Regional Water should have been involved earlier in the process or if there was another issue as to why they were not on board and what are the lessons learned with their involvement.

Brandon Barnes stated that St. Paul Regional Water had different concerns including large pipelines running through the proposed easement. Brandon stated they were included in the discussion on how conveyance would be modified through the easement and once drawings and schematics were provided St. Paul Regional Water decided to hit the pause button.

Tina Carstens reiterated that St Paul Regional Water had been involved from the beginning, noting the District had worked with them in the past so they were familiar with the District's work. Tina stated that it came down to their structure and the proposed designs.

D. Manufactured Home Development Evaluation

No comments.

E. Emergency Response Plan for or Site Scale Modifications for Non-Beltline Subwatershed Scope Summary

No comments.

F. Wabasso Outlet Scope Summary

No comments.

11. ADMINISTRATOR'S REPORT (1:21:23)

A. Meetings Attended

No comments

B. Upcoming Meetings and Dates

No comments.

C. Staff Anniversaries

No comments.

D. Board Action Log

No comments.

E. Minnesota Watersheds Updates

Tina Carstens provided details on the packet received prior to the annual Minnesota Watersheds conference in December. Tina explained that two delegates would need to be appointed to represent RWMWD. Tina stated that there would be a business meeting that occurs at the conference and that meeting is where the items in the packet would be discussed and voted on by the delegation. Tina stated that those not chosen to be delegates would still be able to participate. Tina stated that since President Eisele and Manager Gernes have stated they will be attending the meeting they could be designated as delegates with Manager Karp as an alternate. Tina went on to discuss more details of the packet materials providing an overview of multiple topics including the proposed strategic plan revisions, proposed bylaw changes and proposed resolutions.

Motion: Manager Karp moved, Manager Gernes seconded to approve President Eisele and Manager Gernes as delegates and Manager Karp as the alternate for the Minnesota Watersheds annual conference.

Motion carried unanimously.

12. PROJECT AND PROGRAM STATUS REPORTS (2:04:33)

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 Retrofit Project
- H. Targeted Retrofit Projects 2024
- I. Stewardship Grant Program
- J. Pioneer Park Stormwater Reuse
- K. Fish Creek Tributary Improvements
- L. Cottage Place Wetland Restoration
- 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

Manager Gernes asked if the project was on schedule.

Dave Vlasin stated that the project is on schedule and there have not been any red flags seen that would slow progress.

Program Updates

- R. Natural Resources Program
- S. Communications and Engagement Program
- T. Citizen Advisory Committee

13. MANAGER COMMENTS AND NEXT MONTH'S MEETING (2:07:17)

No comments.

14. ADJOURN

Motion: Manager Gernes moved, Manager Karp seconded, to adjourn the meeting at 8:39 p.m. Motion carried unanimously.

RWMWD BUDGET STATUS REPORT

Administrative & Program Budget

Fiscal Year 2024

11/30/2024

Budget Category	Budget Item	Account Number	Original Budget	Budget Transfers	Current Month Expenses	Year-to-Date Expenses	Current Budget Balance	Percent 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	-	158.95	898.30	3,101.70	22.46%
	Sub-Total: Managers/Committees:		\$14,000.00	\$0.00	158.95	898.30	\$13,101.70	6.42%
Employees	Staff Salary/Taxes/Benefits	4010	2,000,000.00	-	151,349.02	1,744,944.09	255,055.91	87.25%
	Employee Expenses	4020	10,000.00	-	407.43	5,541.30	4,458.70	55.41%
	District Training & Education	4350	75,000.00	-	7,798.90	73,710.21	1,289.79	98.28%
	Sub-Total: Employees:		\$2,085,000.00	\$0.00	159,555.35	1,824,195.60	\$260,804.40	87.49%
Administration/ Office	Data Base/GIS Maintenance	4170	20,000.00	-	171.36	7,063.68	12,936.32	35.32%
	Office Equipment Maintenance	4305	2,000.00	-	-	-	2,000.00	0.00%
	Telephone	4310	2,000.00	-	201.38	2,323.11	(323.11)	116.16%
	Office Supplies	4320	7,000.00	-	175.38	4,810.79	2,189.21	68.73%
	Postage/Delivery	4330	2,000.00	-	415.02	1,248.65	751.35	62.43%
	Printing/Copying	4335	5,000.00	-	165.54	4,217.39	782.61	84.35%
	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	-	638.29	13,450.15	6,549.85	67.25%
	Building Maintenance	4343	100,000.00	-	3,841.94	40,302.58	59,697.42	40.30%
	Miscellaneous	4390	5,000.00	-	-	352.20	4,647.80	7.04%
	Insurance	4480	65,000.00	-	-	57,840.00	7,160.00	88.98%
	Office Equipment	4703	80,000.00	-	210.40	18,093.95	61,906.05	22.62%
	District Vehicles/Maintenance	4810-40	60,000.00	-	445.13	7,966.28	52,033.72	13.28%
	Metro INET	4325	100,000.00	-	16,497.40	100,216.97	(216.97)	100.22%
	Sub-Total: Administration/Office:		\$540,000.00	-	22,761.84	287,281.46	\$212,718.54	53.20%
Consultants/ Outside Services	Auditor/Accounting	4110	80,000.00	-	7,273.50	70,101.40	9,898.60	87.63%
	Engineering-Administration	4121	122,000.00	-	7,438.00	84,099.36	37,900.64	68.93%
	Engineering-Permit I&E	4122	10,000.00	-	0.00	8,549.56	1,450.44	85.50%
	Engineering-Review	4123	75,000.00	-	6,206.50	57,558.19	17,441.81	76.74%
	Engineering-Permit Application Review	4124	65,000.00	-	5,070.00	64,155.50	844.50	98.70%
	Project Feasibility Studies	4129	260,000.00	-	911.50	106,512.67	153,487.33	40.97%
	Attorney-Permits	4130	5,000.00	-	-	-	5,000.00	0.00%
	Attorney-General	4131	40,000.00	-	1,736.30	27,177.80	12,822.20	67.94%
	Outside Consulting Services	4160	40,000.00	-	-	-	40,000.00	0.00%
	Sub-Total: Consultants/Outside Services:		\$697,000.00	\$0.00	28,635.80	418,154.48	\$278,845.52	59.99%
Programs	WMP/Lakes/TMDLs/Grants	4661	154,500.00	-	2,380.50	23,051.50	131,448.50	14.92%
	Natural Resources Program	4670	120,000.00	-	3,185.94	82,689.86	37,310.14	68.91%
	Water Monitoring Program	4520-30	285,000.00	-	55,117.74	398,340.74	(113,340.74)	139.77%
	Outside Program Support	4683	57,000.00	-	10,369.33	55,192.84	1,807.16	96.83%
	Research Projects	4695	150,000.00	-	50,000.00	103,458.00	46,542.00	68.97%
	Project Operations	4650	150,000.00	-	8,477.34	153,793.34	(3,793.34)	102.53%
	Communication/Outreach/Events	4371	166,000.00	-	11,234.79	147,137.92	18,862.08	88.64%
	Health and Safety Program	4697	4,000.00	-	464.15	6,816.98	(2,816.98)	170.42%
	Sub-Total: Programs:		\$1,086,500.00	\$0.00	141,229.79	970,481.18	\$116,018.82	89.32%
GENERAL FUND TOTAL			\$4,382,500.00	\$0.00	352,341.73	3,501,011.02	881,488.98	79.89%
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	-	-	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%
	Wetland Restoration Projects	540	700,000.00	-	983.00	102,410.56	597,589.44	14.63%
CIP BUDGET TOTAL			\$13,194,963.00	-	695,855.36	2,975,056.65	\$10,219,906.35	22.55%
TOTAL BUDGET			\$17,577,463.00	\$0.00	1,048,197.09	6,476,067.67	\$11,101,395.33	36.84%

Current Fund Balances:

Fund:	Unaudited Beginning Fund Balance @ 12/31/23	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @11/30/24
101 - General Fund	\$3,125,440.06	-	2,496,931.04	352,341.73	3,501,011.02	2,121,360.08
516 - Project Repair & Maintenance	872,232.70	-	712,236.89	113,043.43	1,404,711.34	179,758.25
518 - Targeted Retrofit Projects	476,410.31	-	409,832.84	63,114.96	480,722.47	405,520.68
520 - Flood Risk Reduction Fund	4,726,296.76	-	549,049.25	6,379.22	204,629.93	5,070,716.08
526 - Debt Services-Beltline/Maplewood Mall	407,575.04	-	145,262.42	-	392,957.80	159,879.66
529 - Stewardship Grant Fund	201,659.15	-	456,650.64	199,898.17	805,878.27	(147,568.48)
536 - Stormwater Impact Fund	1,336,819.50	-	84,053.00	-	960,964.84	459,907.66
537 - Fish Creek Tributary Improvements	121,092.62	-	281,897.36	198.00	57,762.35	345,227.63
540 - Wetland Restoration Projects	498,036.00	-	118,599.48	6,412.14	108,822.70	507,812.78
580 - Contingency Fund	1,215,487.00	-	-	-	-	1,215,487.00
Total District Fund Balance		\$0.00	\$ 5,254,512.92	\$ 741,387.65	\$7,917,460.72	\$10,318,101.34

Ramsey Washington Metro Watershed Dist.
Check Register
For the Period From November 1, 2024 to November 30, 2024

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	12/02/24	hea002	Nov-24	HealthPartners	Employee Benefits	\$14,972.20
EFT	11/01/24	met008	Oct-24	MetLife-Group Benefits	Employee Benefits	1,947.12
EFT	11/14/24	usb002	November 2024 Statement	U.S. Bank	Various	9,177.26
70299	10/17/24	stu001	24-Oct	Studio Lola	Communications/Outreach/Events	(2,874.37)
75015	10/29/24	pre006	8787	Precise Irrigation	Construction Improvements/Targeted Retrofit Projects	(17,400.00)
75038	11/13/24	aws001	S1 33597-110124	AWS Service Center	Utilities/Building Services Contracts	342.89
75039	11/13/24	dav003	9000078665	Davey Resource Group, Inc.	Construction Improvements/Project Maint. & Rep.	11,082.49
75040	11/13/24	hom001	Nov-24	Home Depot Credit Services	Water Monitoring Program	188.13
75041	11/13/24	lan009	2936	Landbridge Ecological, Inc.	Construction Improvements/Project Maint. & Rep.	6,525.00
75042	11/13/24	met012	2231	Metro-INET	Roseville IT Services/Web Site; Telephone	8,211.00
75043	11/13/24	min008	49013	Minnesota Native Landscapes, Inc.	Construction Improvements/Project Maint. & Rep.	850.00
75044	11/13/24	nor022	INV92486; INV92467	North American Safety, Inc.	Health & Safety Program	464.15
75045	11/13/24	nsp001	900382185	Xcel Energy	Water Monitoring Program	453.12
75046	11/13/24	pac001	Nov-24	Pace Analytical Services, Inc.	Water Monitoring Program	5,376.00
75047	11/13/24	pra001	2424001300	Prairie Moon Nursery, Inc.	Natural Resources Program	177.00
75048	11/13/24	pre003	310429146	Premium Waters, Inc.	Utilities/Building Services Contracts	37.00
75049	11/13/24	pre006	10033-Reissue	Precise Irrigation	Construction Improvements/Targeted Retrofit Projects	15,839.28
75050	11/13/24	ram016	PRK-002407	Ramsey County	Outside Program Support	7,000.00
75051	11/13/24	red002	150491886	Redpath and Company LLC	Accounting	3,552.50
75052	11/13/24	rmb001	M2400322	RMB Environmental Laboratories	Water Monitoring Program	2,515.10
75053	11/13/24	sai001	4832	Saint Paul Media	Communications/Outreach/Events	100.00
75054	11/13/24	sut001	2019956-Reissue	Studio Lola	Communications/Outreach/Events	2,874.37
75055	11/13/24	uni006	14229	University of Minnesota	Communications/Outreach/Events	325.00
75056	11/13/24	uni012	October 31, 2024	University of Minnesota Foundation	Research Projects	50,000.00
75057	11/13/24	usb005	541554267	US Bank Equipment Finance	Postage/Delivery	415.02
75058	11/13/24	was002	6751	Washington Conservation District	Outside Program Support	3,369.33
75059	12/02/24	ada002	3999971	Adam's Pest Control, Inc.	Building/Site Maintenance	189.44
75060	12/02/24	app003	24-32 CS	Applewood Pointe Cooperative Shoreview	Stewardship Grant Program	5,232.00
75061	12/02/24	att002	287256653401X11252024	AT & T Mobility - ROC	Project Operations	163.34
75062	12/02/24	bar001	October 19 through November 15, 20	Barr Engineering	Various	144,501.82
75063	12/02/24	ber009	Nov-24	Bjorn Bergerson	Employee Benefits, Expenses	148.58
75064	12/02/24	blu005	May-85	Bluum of Minnesota, LLC	Equipment	210.40
75065	12/02/24	bol004	24-39 CS	Elizabeth Bol-Kiernan	Stewardship Grant Program	4,500.00
75066	12/02/24	cbs001	19-48	CBS Construction Services, Inc.	Escrow Refunds	38,260.00
75067	12/02/24	cic001	24-48 CS	Caitlin Cich	Stewardship Grant Program	650.00
75068	12/02/24	eco002	Anderson/Jensen & Salina	Ecoscapes, LLC.	Stewardship Grant Program	6,192.00
75069	12/02/24	edm001	24-12 CS	Randee Edmundson	Stewardship Grant Program	650.25
75070	12/02/24	edm001	24-11 CS	Randee Edmundson	Stewardship Grant Program	60.00
75071	12/02/24	erd001	Nov-24	Paul Erdmann	Employee Benefits, Expenses	228.88
75072	12/02/24	fit002	Nov-24	Mary Fitzgerald	Employee Benefits, Expenses	788.04
75073	12/02/24	fit003	Nov-24; 011	Emily F. Kamin	Employee Benefits, Expenses	722.92
75074	12/02/24	fla001	Nov-24	Lyndsey R. Flaten	Employee Benefits, Expenses	1,578.74
75075	12/02/24	fra005	24-42 CS	Brian Frank	Stewardship Grant Program	413.35
75076	12/02/24	gal001	November 26, 2024	Galowitz Olson, PLLC	Attorney-General	1,736.30
75077	12/02/24	han010	23-16 CS	Rachel Haney	Stewardship Grant Program	2,000.00
75078	12/02/24	hom001	11/28/24	Home Depot Credit Services	Natural Resources Program	885.62
75079	12/02/24	inn002	IN4696079; IN4697039	Innovative Office Solutions LLC	Building/Site Maintenance	391.58
75080	12/02/24	inn003	20729	Innovational Water Solutions, Inc.	Utilities/Building Services Contracts	221.40
75081	12/02/24	int001	W24100538	Office of MN, IT Services	Telephone	59.38
75082	12/02/24	jad001	2024 Awards	Anita Jader Photography	Communications/Outreach/Events	200.00
75083	12/02/24	jlt001	4341	JL Theis, Inc.	Stewardship Grant Program	36,385.00
75084	12/02/24	klo001	Oct-November 2024	Kendra L. Kloth	Employee Benefits, Expenses	96.62
75085	12/02/24	kub001	Nov-24	Kyle W. Kubitz	Employee Benefits, Expenses	163.94
75086	12/02/24	lea003	17-1002	L. Tracy Leavenworth	Communications/Outreach/Events	4,680.63
75087	12/02/24	lin005	24-51 CS	Nick Lindberg	Stewardship Grant Program	7,357.50
75088	12/02/24	mec001	MECA Conference	MECA	Training & Education	880.00
75089	12/02/24	mel001	November 2024	Michelle L. Melser	Employee Benefits, Expenses	100.18
75090	12/02/24	met012	2284; 2288	Metro-INET	Roseville IT Services/Web Site/Software/Licenses	8,332.00
75091	12/02/24	mey001	Nov-24	Sommer Meyer	Employee Benefits, Expenses	138.43
75092	12/02/24	min007	Pay App. #1	Minger Construction Co., Inc.	Construction Improvements/Project Maint. & Rep.	32,656.25
75093	12/02/24	min008	49401	Minnesota Native Landscapes, Inc.	Stewardship Grant Prog/School/Comm Site Retrofit Proj.	11,532.58
75094	12/02/24	nep001	November 1, 2024	NCPERS Group Life Ins.	Employee Benefits	16.00
75095	12/02/24	nsp001	902899924; 902899913	Xcel Energy	Building/Site Maintenance	1,540.01
75096	12/02/24	out002	17059	Out Back Nursery, Inc.	Natural Resources Program	1,352.20
75097	12/02/24	pac001	24100468750; 24100469108	Pace Analytical Services, Inc.	Water Monitoring Program	7,221.00
75098	12/02/24	pas002	Nov-24	Carol Passi	Employee Benefits, Expenses	112.50
75099	12/02/24	pha002	24-38 CS	Cuong Pham	Stewardship Grant Program	15,000.00
75100	12/02/24	pit001	3106948290	Pitney Bowes Global Financial Serv LLC	Printing/Copier Lease	165.54
75101	12/02/24	pit005	24-47 CS	Pittrina Park Terrace Association	Stewardship Grant Program	14,519.25
75102	12/02/24	pre003	500209-11-24	Premium Waters, Inc.	Utilities/Building Services Contracts	37.00
75103	12/02/24	ram016	PUBW-021440	Ramsey County	Water Monitoring Program	34,058.74
75104	12/02/24	red002	150491886	Redpath & Company, LLC.	Accounting	3,552.50
75105	12/02/24	roc001	3272	Rock Leaf Water Environmental LLC	Construction Improvements/Project Maint. & Rep.	791.50
75106	12/02/24	sai001	4880	Saint Paul Media	Communications/Outreach/Events	100.00
75107	12/02/24	sch013	24-43 CS	Lindsay Schwantes	Stewardship Grant Program	4,717.50
75108	12/02/24	sod001	Nov 2024	Nicole Maras	Employee Benefits, Expenses	255.30

Ramsey Washington Metro Watershed Dist.
Check Register
For the Period From November 1, 2024 to November 30, 2024

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
75109	12/02/24	som001	374105	Eric Sommers	Communications/Outreach/Events	740.00
75110	12/02/24	sou004	24-49 CS	100 South Owasso LLC	Stewardship Grant Program	98,485.00
75111	12/02/24	stu001	2019977	Studio Lola	Communications/Outreach/Events	2,065.00
75112	12/02/24	til002	Nov-24	Joseph S. Tillotson	Training & Education	130.23
75113	12/02/24	voy001	8692934232448	US Bank Voyager Fleet Sys.	Vehicle Fuel	445.13
75114	12/02/24	was002	6775	Washington Conservation District	Stewardship Grant Program	2,404.50
75115	12/02/24	wil007	Nov-24	Patrick D. Williamson	Employee Benefits, Expenses	265.92
Total						<u>\$625,801.58</u>
EFT	11/08/24	myr001	11/08/24	November 8th Payroll	4110-101-000	84.25
EFT	11/22/24	myr001	11/22/24	November 22nd Payroll	4110-101-000	84.25
Dir.Dep.	11/08/24	---	Payroll Expense-Net	November 8th Payroll	4010-101-000	36,401.04
EFT	11/08/24	int002	Internal Rev.Serv.	November 8th Federal Withholding	2001-101-000	13,287.24
EFT	11/08/24	mnd001	MN Revenue	November 8th State Withholding	2003-101-000	2,241.56
EFT	11/08/24	per001	PERA	November 8th PERA	2011-101-000	7,683.34
EFT	11/08/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	11/08/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
Dir.Dep.	11/22/24	---	Payroll Expense-Net	November 22nd Payroll	4010-101-000	36,582.91
EFT	11/22/24	int002	Internal Rev.Serv.	November 22nd Federal Withholding	2001-101-000	13,368.46
EFT	11/22/24	mnd001	MN Revenue	November 22nd State Withholding	2003-101-000	2,256.95
EFT	11/22/24	per001	PERA	November 22nd PERA	2011-101-000	7,683.34
EFT	11/22/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	11/22/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
Payroll/Benefits:						<u>\$127,517.34</u>
Total						<u>Accounts Payable/Payroll/Benefits:</u> <u>\$753,318.92</u>

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From November 1, 2024 to November 30, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
12/02/24	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits	\$14,972.20
11/01/24	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits	1,947.12
11/14/24	EFT	usb002	U.S. Bank			9,177.26
				4320-101-000	Office Supplies	29.54
				4343-101-000	Building/Site Maintenance	17.29
				4650-101-000	Project Operations	163.34
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses	96.40
				4365-101-000	Committee/Board Meeting Expenses	19.97
				4365-101-000	Committee/Board Meeting Expenses	24.47
				4350-101-000	Training & Education	(300.14)
				4170-101-000	Data Base/GIS Maintenance	168.00
				4320-101-000	Office Supplies	27.44
				4350-101-000	Training & Education	15.00
				4343-101-000	Building/Site Maintenance	79.77
				4320-101-000	Office Supplies	7.99
				4343-101-000	Building/Site Maintenance	4.38
				4350-101-000	Training & Education	15.00
				4343-101-000	Building/Site Maintenance	48.58
				4350-101-000	Training & Education	225.00
				4350-101-000	Training & Education	225.00
				4350-101-000	Training & Education	30.00
				4350-101-000	Training & Education	30.00
				4350-101-000	Training & Education	30.00
				4670-101-000	Natural Resources Program	19.96
				4670-101-000	Natural Resources Program	29.99
				4670-101-000	Natural Resources Program	26.99
				4350-101-000	Training & Education	158.33
				4670-101-000	Natural Resources Program	526.75
				4320-101-000	Office Supplies	15.37
				4320-101-000	Office Supplies	5.67
				4371-101-000	Communications/Outreach/Events	5.00
				4320-101-000	Office Supplies	20.99
				4320-101-000	Office Supplies	12.99
				4350-101-000	Training & Education	50.00
				4350-101-000	Training & Education	50.00
				4343-101-000	Building/Site Maintenance	46.64
				4371-101-000	Communications/Outreach/Events	10.00
				4630-516-000	Construction Improvements/Project Maintenance and Repair	1,200.00
				4630-516-000	Construction Improvements/Project Maintenance and Repair	1,200.00
				4371-101-000	Communications/Outreach/Events	45.00
				4371-101-000	Communications/Outreach/Events	60.00
				4350-101-000	Training & Education	1,501.28
				4350-101-000	Training & Education	2,224.00
				4350-101-000	Training & Education	57.10
				4350-101-000	Training & Education	739.43

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From November 1, 2024 to November 30, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4350-101-000	Training & Education	15.00
				4365-101-000	Committee/Board Meeting Expenses	81.56
				4343-101-000	Building/Site Maintenance	35.00
				4320-101-000	Office Supplies	21.00
				4365-101-000	Committee/Board Meeting Expenses	32.95
				4343-101-000	Building/Site Maintenance	25.87
				4170-101-000	Data Base/GIS Maintenance	3.36
10/17/24	70299	stu001	Studio Lola	4371-101-000	Communications/Outreach/Events	(2,874.37)
10/29/24	75015	pre006	Precise Irrigation	4630-518-000	Construction Improvements/Targeted Retrofit Projects	(17,400.00)
11/13/24	75038	aws001	AWS Service Center	4342-101-000	Utilities/Building Services Contracts	342.89
11/13/24	75039	dav003	Davey Resource Group, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	11,082.49
11/13/24	75040	hom001	Home Depot Credit Services			188.13
				4530-101-000	Water Monitoring Program	30.20
				4670-101-000	Natural Resources Program	157.93
11/13/24	75041	lan009	Landbridge Ecological, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	6,525.00
11/13/24	75042	met012	Metro-INET			8,211.00
				4310-101-000	Telephone	142.00
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses	8,069.00
11/13/24	75043	min008	Minnesota Native Landscapes, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	850.00
11/13/24	75044	nor022	North American Safety, Inc.	4697-101-000	Health & Safety Program	464.15
11/13/24	75045	nsp001	Xcel Energy			453.12
				4530-101-000	Water Monitoring Program	158.79
				4343-101-000	Building/Site Maintenance	113.38
				4650-520-000	Project Operations/Flood Damage Reduction Fund	180.95
11/13/24	75046	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	5,376.00
11/13/24	75047	pra001	Prairie Moon Nursery, Inc.	4670-101-000	Natural Resources Program	177.00
11/13/24	75048	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Building Services Contracts	37.00
11/13/24	75049	pre006	Precise Irrigation	4630-518-000	Construction Improvements/Targeted Retrofit Projects	15,839.28
11/13/24	75050	ram016	Ramsey County	4683-101-000	Outside Program Support	7,000.00
11/13/24	75051	red002	Redpath and Company LLC	4110-101-000	Accounting	3,552.50
11/13/24	75052	rmb001	RMB Environmental Laboratories	4530-101-000	Water Monitoring Program	2,515.10
11/13/24	75053	sai001	Saint Paul Media	4371-101-000	Communications/Outreach/Events	100.00
11/13/24	75054	sut001	Studio Lola	4371-101-000	Communications/Outreach/Events	2,874.37
11/13/24	75055	uni006	University of Minnesota	4371-101-000	Communications/Outreach/Events	325.00
11/13/24	75056	uni012	University of Minnesota Foundation	4695-101-000	Research Projects	50,000.00
11/13/24	75057	usb005	US Bank Equipment Finance	4330-101-000	Postage/Delivery	415.02
11/13/24	75058	was002	Washington Conservation District	4683-101-000	Outside Program Support	3,369.33
12/02/24	75059	ada002	Adam's Pest Control, Inc.	4343-101-000	Building/Site Maintenance	189.44
12/02/24	75060	app003	Applewood Pointe Cooperative Shoreview	4682-529-000	Stewardship Grant Program	5,232.00
12/02/24	75061	att002	AT & T Mobility - ROC	4650-101-000	Project Operations	163.34
12/02/24	75062	bar001	Barr Engineering			144,501.82
				4121-101-000	Engineering Admin	7,438.00
				4123-101-000	Engineering Review	6,206.50
				4129-101-000	Project Feasability	195.00

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From November 1, 2024 to November 30, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4129-101-000	Project Feasibility	80.00
				4129-101-000	Project Feasibility	105.00
				4129-101-000	Project Feasibility	58.50
				4129-101-000	Project Feasibility	473.00
				4520-101-000	WQM-Engineering	45.00
				4520-101-000	WQM-Engineering	4,009.24
				4520-101-000	WQM-Engineering	1,668.90
				4122-101-000	Permit Application I & E	0.00
				4124-101-000	Eng. Permit Review	5,070.00
				4661-101-000	SLMP/TMDL Studies	595.00
				4661-101-000	SLMP/TMDL Studies	1,551.50
				4661-101-000	SLMP/TMDL Studies	234.00
				4650-101-000	Project Operations	312.00
				4650-101-000	Project Operations	3,303.50
				4650-101-000	Project Operations	4,535.16
				4128-518-000	Engineering -Targeted Retrofit	2,529.50
				4128-518-000	Engineering -Targeted Retrofit	2,778.50
				4128-518-000	Engineering -Targeted Retrofit	25,675.02
				4682-529-000	Stewardship Grant Program	1,331.82
				4128-520-000	Engineering -Flood Damage	487.50
				4128-518-000	Engineering -Targeted Retrofit	2,125.08
				4129-537-000	Driveway Fish Creek Tributary	198.00
				4128-540-000	Eng. Projects-Wetlands	6,412.14
				4128-520-000	Engineering -Flood Damage	661.88
				4128-520-000	Engineering -Flood Damage	4,100.89
				4128-518-000	Engineering -Targeted Retrofit	2,635.00
				4128-520-000	Engineering -Flood Damage	948.00
				4128-516-000	Eng. Projects-Maint & Repair	26,330.42
				4128-516-000	Eng. Projects-Maint & Repair	18,747.00
				4128-516-000	Eng. Projects-Maint & Repair	3,836.00
				4128-516-000	Eng. Projects-Maint & Repair	9,824.77
12/02/24	75063	ber009	Bjorn Bergerson			148.58
				4020-101-000	Employee Expense	7.17
				4350-101-000	Training & Education	141.41
12/02/24	75064	blu005	Bluum of Minnesota, LLC	4703-101-000	Equipment	210.40
12/02/24	75065	bol004	Elizabeth Bol-Kiernan	4682-529-000	Stewardship Grant Program	4,500.00
12/02/24	75066	cbs001	CBS Construction Services, Inc.	2024-101-000	Escrow Refunds	38,260.00
12/02/24	75067	cic001	Caitlin Cich	4682-529-000	Stewardship Grant Program	650.00
12/02/24	75068	eco002	Ecoscapes, LLC.	4682-529-000	Stewardship Grant Program	6,192.00
12/02/24	75069	edm001	Randee Edmundson	4682-529-000	Stewardship Grant Program	650.25
12/02/24	75070	edm001	Randee Edmundson	4682-529-000	Stewardship Grant Program	60.00
12/02/24	75071	erd001	Paul Erdmann			228.88
				4040-101-000	Employee Benefits	80.00
				4350-101-000	Training & Education	148.88
12/02/24	75072	fit002	Mary Fitzgerald			788.04

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From November 1, 2024 to November 30, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4020-101-000	Employee Expenses	69.14
				4040-101-000	Employee Benefits	43.90
				4343-101-000	Building/Site Maintenance	675.00
12/02/24	75073	fit003	Emily F. Kamin			722.92
				4020-101-000	Employee Expenses	10.59
				4040-101-000	Employee Benefits	37.33
				4343-101-000	Building/Site Maintenance	675.00
12/02/24	75074	fla001	Lyndsey R. Flaten			1,578.74
				4040-101-000	Employee Benefits	440.00
				4020-101-000	Employee Expenses	38.19
				4350-101-000	Training & Education	1,089.72
				4530-101-000	Water Monitoring Program	10.83
12/02/24	75075	fra005	Brian Frank	4682-529-000	Stewardship Grant Program	413.35
12/02/24	75076	gal001	Galowitz Olson, PLLC	4131-101-000	Attorney-General	1,736.30
12/02/24	75077	han010	Rachel Haney	4682-529-000	Stewardship Grant Program	2,000.00
12/02/24	75078	hom001	Home Depot Credit Services	4670-101-000	Natural Resources Program	885.62
12/02/24	75079	inn002	Innovative Office Solutions LLC	4343-101-000	Building/Site Maintenance	391.58
12/02/24	75080	inn003	Innovational Water Solutions, Inc.	4342-101-000	Utilities/Building Services Contracts	221.40
12/02/24	75081	int001	Office of MN, IT Services	4310-101-000	Telephone	59.38
12/02/24	75082	jad001	Anita Jader Photography	4371-101-000	Communications/Outreach/Events	200.00
12/02/24	75083	jlt001	JL Theis, Inc.	4682-529-000	Stewardship Grant Program	36,385.00
12/02/24	75084	klo001	Kendra L. Kloth			96.62
				4020-101-000	Employee Expenses	68.34
				4040-101-000	Employee Benefits	28.28
12/02/24	75085	kub001	Kyle W. Kubitza			163.94
				4040-101-000	Employee Benefits	140.00
				4530-101-000	Water Monitoring Program	23.94
12/02/24	75086	lea003	L. Tracy Leavenworth	4371-101-000	Communications/Outreach/Events	4,680.63
12/02/24	75087	lin005	Nick Lindberg	4682-529-000	Stewardship Grant Program	7,357.50
12/02/24	75088	mec001	MECA	4350-101-000	Training & Education	880.00
12/02/24	75089	mel001	Michelle L. Melser			100.18
				4020-101-000	Employee Expenses	65.79
				4320-101-000	Office Supplies	34.39
12/02/24	75090	met012	Metro-INET	4325-101-000	Roseville IT Services/Web Site/Software/Licenses	8,332.00
12/02/24	75091	mey001	Sommer Meyer			138.43
				4670-101-000	Natural Resources Program	9.50
				4350-101-000	Training & Education	128.93
12/02/24	75092	min007	Minger Construction Co., Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	32,656.25
12/02/24	75093	min008	Minnesota Native Landscapes, Inc.	4682-518-000	Stewardship Grant Prog/School/Comm Site Retrofit Proj.	11,532.58
12/02/24	75094	nep001	NCPERS Group Life Ins.	4040-101-000	Employee Benefits	16.00
12/02/24	75095	nsp001	Xcel Energy	4343-101-000	Building/Site Maintenance	1,540.01
12/02/24	75096	out002	Out Back Nursery, Inc.	4670-101-000	Natural Resources Program	1,352.20
12/02/24	75097	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	7,221.00
12/02/24	75098	pas002	Carol Passi			112.50
				4020-101-000	Employee Expenses	70.69

For the Period From November 1, 2024 to November 30, 2024

625801.58

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From November 1, 2024 to November 30, 2024


Date	Check #	Vendor ID	Name	Account ID	Description	Amount
11/08/24	EFT	myp001	November 8th Payroll	4110-101-000	November 8th Payroll	84.25
11/22/24	EFT	myp001	November 22nd Payroll	4110-101-000	November 22nd Payroll	84.25
11/08/24	Dir.Dep.	---	November 8th Payroll	4010-101-000	November 8th Payroll	36,401.04
11/08/24	EFT	int002	November 8th Federal Withholding	2001-101-000	November 8th Federal Withholding	13,287.24
11/08/24	EFT	mnd001	November 8th State Withholding	2003-101-000	November 8th State Withholding	2,241.56
11/08/24	EFT	per001	November 8th PERA	2011-101-000	November 8th PERA	7,683.34
11/08/24	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	2,043.00
11/08/24	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	1,879.00
11/22/24	Dir.Dep.	---	November 22nd Payroll	4010-101-000	November 22nd Payroll	36,582.91
11/22/24	EFT	int002	November 22nd Federal Withholding	2001-101-000	November 22nd Federal Withholding	13,368.46
11/22/24	EFT	mnd001	November 22nd State Withholding	2003-101-000	November 22nd State Withholding	2,256.95
11/22/24	EFT	per001	November 22nd PERA	2011-101-000	November 22nd PERA	7,683.34
11/22/24	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	2,043.00
11/22/24	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	1,879.00
Payroll/Benefits:						<u>\$127,517.34</u>
Total						<u>Accounts Payable/Payroll/Benefits:</u> <u>\$753,318.92</u>



Summary of Professional Engineering Services During the Period
October 19 through November 15, 2024

	Total Engineering Budget (2024)	Total Fees to Date (2024)	Budget Balance (2024)	Fees During Period	District Accounting Code	Plan Implementation Task Number
Engineering Administration						
General Engineering Administration	\$92,000.00	\$84,099.36	\$7,900.64	\$7,438.00	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	\$5,000.00	\$4,603.50	\$396.50	\$0.00	4350-101	DW-13
Education Assistance	\$30,000.00	\$4,280.50	\$25,719.50	\$0.00	4129-101	DW-13
Engineering Review						
Engineering Review	\$75,000.00	\$57,558.19	\$17,441.81	\$6,206.50	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	\$14,093.15	-\$4,093.15	\$195.00	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	\$12,944.50	\$7,155.50	\$80.00	4129-101	DW-6, DW-15
Retrofit Inventory	\$60,000.00	\$22,359.22	\$37,640.78	\$105.00	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	\$1,387.00	\$3,613.00	\$58.50	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	\$43,612.30	-\$23,612.30	\$473.00	4129-101	DW-5, DW-12
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)	\$10,000.00	\$576.00	\$9,424.00	\$0.00	4520-101	DW-2
Annual WQ Report Assistance	\$20,000.00	\$19,922.50	\$77.50	\$45.00	4520-101	DW-2
Special Project BMP Monitoring	\$30,000.00	\$16,602.93	\$13,397.07	\$4,009.24	4520-101	DW-12
Grass Lake Berm Wetland Monitoring	\$15,000.00	\$8,259.34	\$6,740.66	\$1,668.90	4520-101	DW-5, DW-8
Battle Creek Monitoring to address TMDL	\$15,000.00	\$2,615.00	\$12,385.00	\$0.00	4520-101	DW-1, DW-2
Permit Processing, Inspection and Enforcement						
Permit Application Inspection and Enforcement	\$10,000.00	\$9,549.56	\$1,450.44	\$0.00	4122-101	DW-7
Permit Application Review	\$65,000.00	\$64,155.50	\$844.50	\$5,070.00	4124-101	DW-7
Watershed Management Plan Update						
Stakeholder Engagement	\$20,000.00	\$595.00	\$19,405.00	\$595.00	4661-101	DW-21
Gaps Analysis/WMP Update Scoping	\$10,000.00	\$7,836.50	\$2,163.50	\$1,551.50	4661-101	DW-13, DW-20
Lake Studies/TMDL Reports						
2024 Grant Applications	\$20,000.00	\$14,620.00	\$5,380.00	\$234.00	4661-101	DW-13
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	\$18,141.30	-\$1,141.30	\$312.00	4650-101	TaL-3
Phalen/Keller and Twin Operations Support & Communications	\$5,000.00	\$3,652.00	\$1,348.00	\$3,303.50	4650-101	DW-5, DW-13, DW-18
Lake Level Station Operation and Maintenance	\$50,000.00	\$58,371.24	-\$8,371.24	\$4,535.16	4650-101	DW-5, DW-18
Capital Improvements						
Woodbury Target	\$193,200.00	\$300,867.25	-\$107,667.25	\$2,529.50	4128-518	DW-6
Roosevelt Homes	\$33,600.00	\$59,258.70	-\$25,658.70	\$2,778.50	4128-518	DW-6, DW-9
Targeted Retrofit Projects 2024	\$150,000.00	\$63,110.41	\$86,889.59	\$25,675.02	4128-518	DW-6
Stewardship Grant Program	\$75,000.00	\$28,933.52	\$46,066.48	\$1,331.82	4682-529	DW-6
Owasso Basin Flood Risk Reduction	\$200,000.00	\$14,483.77	\$185,516.23	\$487.50	4128-520	GC-3
Pioneer Park Stormwater Reuse	\$50,000.00	\$33,281.27	\$16,718.73	\$2,125.08	4128-518	DW-6
Double Driveway and Fish Creek Tributary Improvements	\$150,000.00	\$133,672.30	\$16,327.70	\$198.00	4129-537	FC-2
Cottage Place Wetland	\$113,800.00	\$108,822.70	\$4,977.30	\$6,412.14	4128-540	DW-6, DW-8, DW-14, LE-2, LE-3
County Road C culvert capacity	\$50,000.00	\$80,967.40	-\$30,967.40	\$661.88	4128-520	DW-9, KC-2
Lake Emily Subwatershed BMP	\$175,800.00	\$195,256.55	-\$19,456.55	\$0.00	4128-518	LE-3
Kohlman Creek Storage and Detention	\$150,000.00	\$28,946.39	\$121,053.61	\$4,100.89	4128-520	DW-9, KC-2
Kohlman Lake Alum Treatment	\$71,300.00	\$5,258.40	\$66,041.60	\$2,635.00	4128-518	
Wabasso Outlet Replacement	\$71,300.00	\$948.00	\$60,000.00	\$948.00	4128-520	DW-5
CIP Project Repair & Maintenance						
Routine CIP Inspection and Unplanned Maintenance Identification	\$125,000.00	\$136,990.86	-\$11,990.86	\$26,330.42	4128-516	DW-5
2024 CIP Maintenance and Repairs	\$106,500.00	\$76,320.87	\$30,179.13	\$0.00	4128-516	DW-5
2025 CIP Maintenance and Repairs	\$270,360.00	\$18,747.00	\$251,613.00	\$18,747.00	4128-516	DW-5
2025 Beltline and Battle Creek Inspections and Survey	\$235,000.00	\$4,031.00	\$230,969.00	\$3,836.00	4128-516	BELT-2
Beltline long-term fix near river outfall	\$250,000.00	\$192,910.82	\$57,089.18	\$9,824.77	4128-516	BELT-2

Barr declares under the penalties of Law that this Account, **\$144,501.82**
Claim, or Demand is just and that no part has been paid.


Bradley J. Lindaman, Vice President

Beltline Mississippi River Branch Outfall Replacement Progress Payment 1

1.0	Total Completed Through This Period:	<u>\$34,375.00</u>	
2.0	Total Completed Previously Completed:	<u>\$0.00</u>	
3.0	Total Completed This Period:		<u>\$34,375.00</u>
4.0	Amount Previously Retained:	<u>\$0.00</u>	
5.0	Amount Retained This Period:		<u>\$1,718.75</u>
6.0	Total Amount Retained:	<u>\$1,718.75</u>	
7.0	Retainage Released Through This Period:		<u>\$0.00</u>
8.0	Total Retainage Remaining:	<u>\$1,718.75</u>	
9.0	Amounts Previously Paid:	<u>\$0.00</u>	
10.0	Amount Due This Estimate:		<u><u>\$32,656.25</u></u>

Retainage shall be 5 percent of the value of the Work completed.

SUBMITTED BY:

Name: Josh Phleger Date: 12/2/2024
Title: Project Manager
Contractor: Minger Construction Companies, Inc.

Signature: Joshua M. Phleger
Digitally signed by Joshua M. Phleger
DN: cn=Joshua M. Phleger, o=Minger Construction Companies, Inc., c=US
Date: 2024.12.02 15:07:02 -0500

RECOMMENDED BY:

Name: Nathan Campeau Date: 12/2/2024
Title: Principle-in-Charge
Engineer: Barr Engineering Co.

Signature: 

APPROVED BY:

Name: Val Eisele Date: _____
Title: President
Owner: Ramsey-Washington Metro Watershed District

Signature: _____

**Beltline Mississippi River Branch Outfall Replacement
Ramsey-Washington Metro Watershed District
Summary of Work Completed Through November 12, 2024 for Progress Payment Number 1**

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
1A	Mobilization - Permits, Bonds, Exploratory	LS	1	\$7,725.00	\$7,725.00	1.00	\$7,725.00	0	\$0.00	1.00	\$7,725.00
1B	Mobilization - River Cofferdam	LS	1	\$19,275.00	\$19,275.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
1C	Mobilization - Pipe and MH Shoring	LS	1	\$20,000.00	\$20,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
1D	Mobilization - Clean Up	LS	1	\$4,500.00	\$4,500.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
2	Construction Layout and Staking	LS	1	\$5,000.00	\$5,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
3	Traffic Control	LS	1	\$1,500.00	\$1,500.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
4	Sediment Control Log	LF	250	\$5.00	\$1,250.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
5	Flotation Silt Curtain	LF	40	\$20.00	\$800.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
6	Temporary Construction Entrance	EA	1	\$2,500.00	\$2,500.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
7A	Dewatering and Control of Water - Deep Wells	LS	1	\$150,000.00	\$150,000.00	0.05	\$7,500.00	0	\$0.00	0.05	\$7,500.00
7B	Dewatering and Control of Water - Storm Bulkhead & Bypass	LS	1	\$63,000.00	\$63,000.00	0.05	\$3,150.00	0	\$0.00	0.05	\$3,150.00
7C	Dewatering and Control of Water - Cofferdam Dewatering	LS	1	\$15,000.00	\$15,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
8A	Temporary Excavation Support - River Cofferdam	LS	1	\$200,000.00	\$200,000.00	0.05	\$10,000.00	0	\$0.00	0.05	\$10,000.00
8B	Temporary Excavation Support - RCP Shoring	LS	1	\$150,000.00	\$150,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
8C	Temporary Excavation Support - MH Shoring	LS	1	\$100,000.00	\$100,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
9	Common Excavation (P)	CY	600	\$25.00	\$15,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
10	Removal and Disposal of 9' Dia. Steel Pipe and Transition Section	LF	52	\$75.00	\$3,900.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
11	Saw Cut Existing 9' Dia. RCP	LS	1	\$5,500.00	\$5,500.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
12	Removal and Disposal of Storm Vault	LS	1	\$9,000.00	\$9,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
13	Modify Existing Sheet Pile Wall	LS	1	\$9,000.00	\$9,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
14	Crushed Stone Bedding	TON	60	\$85.00	\$5,100.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
15	Construct Manhole Structure	LS	1	\$120,000.00	\$120,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
16	9' Dia. Class III RCP	LF	51	\$1,900.00	\$96,900.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
17	Connect Existing 9' Dia. RCP to Manhole Structure	LS	1	\$10,000.00	\$10,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
18	Connect 9' Dia. RCP to Manhole Structure	LS	1	\$10,000.00	\$10,000.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
19	RCP Collar and Sheet Pile Wall Interface	LS	1	\$17,500.00	\$17,500.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
20	Lean Concrete Backfill	CY	110	\$475.00	\$52,250.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
21	Timber Bumper	LF	20	\$225.00	\$4,500.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
22	Common Backfill (P)	CY	230	\$20.00	\$4,600.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
23	Class 5 Aggregate	TON	70	\$70.00	\$4,900.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00
24	Common Excavation, Stockpile and Dispose of Regulated Material (P)	TON	528	\$60.00	\$31,680.00	0.00	\$0.00	0	\$0.00	0.00	\$0.00

Contract Base Extensions = \$1,140,380.00 \$28,375.00 \$0.00 \$28,375.00

Change Order 1											
C.O.1.A	Additional Site Investigation	LS	1	\$6,000.00	\$6,000.00	1	\$6,000.00	0	\$0.00	1	\$6,000.00
	Access Hatch Replacement	LS	1	\$6,900.00	\$6,900.00	0	\$0.00	0	\$0.00	0	\$0.00

Change Order Extensions = \$12,900.00 \$6,000.00 \$0.00 \$6,000.00

Contract Grand Total = \$1,153,280.00 \$34,375.00 \$0.00 \$34,375.00

ROOSEVELT HOMES PHASE 2
RAMSEY-WASHINGTON METRO WATERSHED DISTRICT
Progress Payment Application No. 2

1.	Completed to Date:	<u>\$ 53,737.19</u>	
2.	Less Previously Billed:	<u>\$ 42,204.62</u>	
3.	Amount Completed This Period:		<u>\$ 11,532.58</u>
4.	Amount Previously Retained:	<u>\$ 2,883.21</u>	
5.	Amount Retained This Period (See Note 1):		<u>\$ -</u>
6.	Total Amount Retained (See Note 2):	<u>\$ 2,883.21</u>	
7.	Retainage Released Through This Period:		<u>\$ -</u>
8.	Less Total Retainage Remaining:	<u>\$ 2,883.21</u>	
	Less Amounts Previously Paid		
9.	(Pay Application No. 1)	<u>\$ (39,321.41)</u>	
10.	Amount Due This Period:		<u><u>\$ 11,532.58</u></u>

Note 1: At rate of 10% until Completed to Date equals 50% of current Contract Price and a rate of 0% thereafter. Maximum amount is 5% of current Contract Price (Original Contract Price is \$57,664.25)

Note 2: Maximum amount is 5% of current Contract Price (Original Contract Price is \$57,664.25)

SUBMITTED BY:

Name: Charlie Sawdey Date: 11/25/24
Title: Project Manager
Contractor: MNL

Signature: 

RECOMMENDED BY:

Name: Marcy Bean Date: 11/25/2024
Title: Project Manager
Engineer: Barr Engineering Company

Signature: 

APPROVED BY:

Name: Val Eisele Date: _____
Title: President
Owner: Ramsey-Washington Metro Watershed District

Signature: _____

ROOSEVELT HOMES PHASE 2 RESTORATION				BID TOTAL		11/25/2024			11/25/2024		
CONSTRUCTION CONTRACT AMOUNT FOR PROGRESS PAYMENT						TOTAL COMPLETED THROUGH THIS PERIOD			TOTAL COMPLETED THIS PERIOD		
Bid Item	Description	Unit	Estimated Quantity	Unit Price	Extended Cost	Unit Price	Actual Quantity*	Extended Cost	Unit Price	Actual Quantity*	Extended Cost
A	Mobilization	LS	1	\$ 7,217.89	\$ 7,217.89	\$ 7,217.00	1	\$ 7,217.00	\$ 7,217.00		\$ -
B	Traffic and Pedestrian Safety Control Measures	LS	1	\$ 1,788.53	\$ 1,788.53	\$ 1,788.53	1	\$ 1,788.53	\$ 1,788.53		\$ -
C	Erosion and Sediment Control	LS	1	\$ 3,999.37	\$ 3,999.37	\$ 3,999.37	1	\$ 3,999.37	\$ 3,999.37		\$ -
D	Tree Protection Fencing (P)	LF	1,155	\$ 3.67	\$ 4,238.85	\$ 3.637	1,155	\$ 4,200.74	\$ 3.637		\$ -
E	Erosion Control Blanket (Type 45)	SY	690	\$ 3.22	\$ 2,221.80	\$ 3.22	690	\$ 2,221.80	\$ 3.22		\$ -
F	Erosion Control Blanket (Category 20 2S Straw)	SY	1,761	\$ 2.27	\$ 3,997.47	\$ 2.27	1,761	\$ 3,997.47	\$ 2.27		\$ -
G	Herbicide Application	AC	1.3	\$ 1,000.00	\$ 1,300.00	\$ 1,000.00	1.8	\$ 1,800.00	\$ 1,000.00	0.5	\$ 500.00
H	Bee Lawn Seed Mix	AC	0.36	\$ 3,389.53	\$ 1,220.23	\$ 3,389.53	0.36	\$ 1,220.23	\$ 3,389.53		\$ -
I	Custom Native Seed Mix with Cover Crop	AC	1.25	\$ 4,113.30	\$ 5,141.63	\$ 4,113.30	1.25	\$ 5,141.63	\$ 4,113.30	1.25	\$ 5,141.63
J	Herbaceous Plugs	EA	4,255	\$ 3.89	\$ 16,551.95	\$ 3.89	3,155	\$ 12,272.95	\$ 3.89		\$ -
K	Shrubs	EA	19	\$ 97.03	\$ 1,843.57	\$ 97.03	19	\$ 1,843.57	\$ 97.03		\$ -
L	Hardwood Mulch (P)	CY	12	\$ 128.58	\$ 1,542.96	\$ 128.58	12	\$ 1,542.96	\$ 128.58		\$ -
M	Vegetation Establishment and Maintenance - Years 1-2	EA	2	\$ 3,300.00	\$ 6,600.00	\$ 3,300.00	0	\$ -	\$ 3,300.00		\$ -
FIELD ORDER 1	Cleanup native planting bed at Boys and Girls Club	LS	1			\$ 300.00	1	\$ 300.00	\$ 300.00		\$ -
FIELD ORDER 2	Re-placement of rocks in smaller basin to retaining wall	LS	1			\$ 300.00	1	\$ 300.00	\$ 300.00		\$ -
FIELD ORDER 3	Installation of hydraulic mulch of seeded hillside	LS	1			\$ 5,890.95	1	\$ 5,890.95	\$ 5,890.95	1	\$ 5,890.95
	TOTAL			BID TOTAL	\$57,664.25	TOTAL (PAY APPLICATION #2)		\$53,737.19	TOTAL (PAY APPLICATION #2)		\$11,532.58

* NOTE: Items noted as **BOLD** indicate a change from original bid quantities.

Galowitz Olson, PLLC
10390 39th Street North
Lake Elmo, Minnesota 55042
Office: (651) 777-6960
Fax: (651) 777-8937

Page: 1
November 26, 2024
File No: 9M

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

	Balance
General Account	\$1,387.50
Markham Pond Aerator/Gervais Mill Pond	\$348.80
	<u>\$1,736.30</u>

Payment can be made over the phone, by check, or online at
www.galowitzolson.com/make-a-payment. If prompted, please enter the following
password when making an online payment: **golaw2024**

Permit Application Coversheet

Date December 11, 2024

Project Name Woodbury Woodlane Drive Trail

Project Number 24-51

Applicant Name David Ray, City of Woodbury

Type of Development Trail

Property Description

This project is located along Woodlane Drive between Valley Creek Road and Guider Drive in the City of Woodbury. The applicant is proposing to construct a 10' sidewalk/trail in addition to some surface pavement improvements, stormwater treatment, and grading. The total site disturbed area is approximately 2 acres. A filtration basin is proposed to meet stormwater treatment requirements. Filtration is being proposed due to poor soils. On the north end of the project area near Guider Drive, fill is proposed in the 100-year floodplain of an existing stormwater pond to accommodate the trail. Compensatory storage is being provided on the east side of the pond such that there is no net loss of flood storage on the landscape.

Watershed District Policies or Standards Involved:

- | | |
|--|---|
| <input type="checkbox"/> <i>Wetlands</i> | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input checked="" type="checkbox"/> <i>Stormwater Management</i> | <input checked="" type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

Long Term

The proposed stormwater management plan is sufficient to protect the long-term quality of downstream water resources.

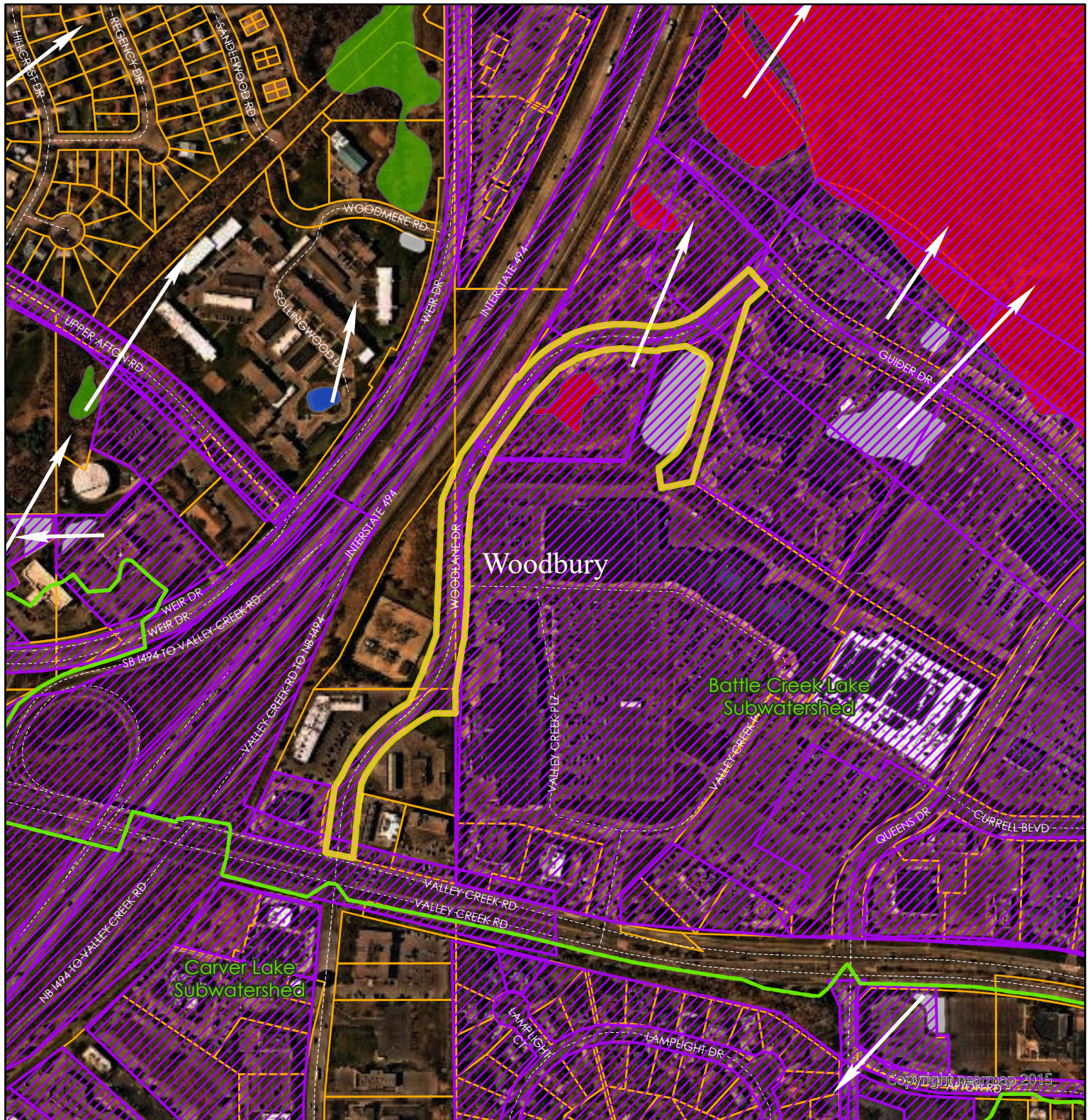
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan

#24-51 Woodbury Woodlane Drive Trail



Wetlands

- Manage A
- Manage B
- Manage C
- Lake
- Sediment Pond
- Not Assessed

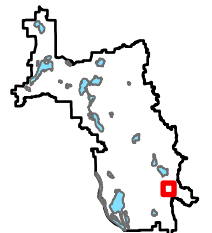
Flow Arrows

- Roads
- Permits
- Cities
- Subwatersheds
- Washington Co Parcels
- RWMWD Boundary

Highlighted Areas
Represent Active Permit

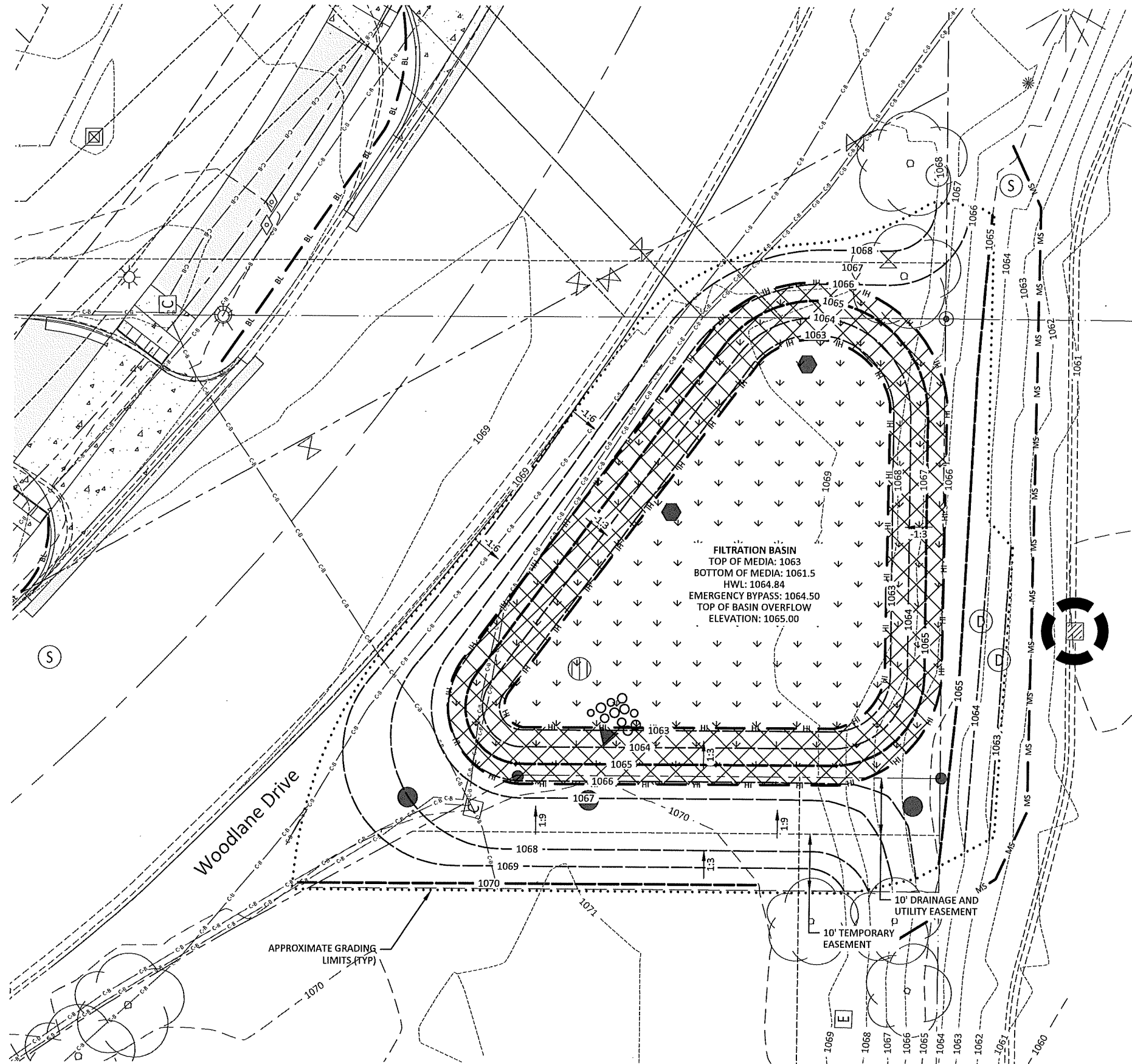
0 0.07 0.15 Miles

0 400 800 US Feet



Special Provisions

1. The applicant shall submit the revised narrative with updated storage volume/calculations.
2. The applicant shall add notes to the plans:
 - A. The design of the filtration basin may be amended pending RWMWD review based on additional geotechnical observations during construction.
 - B. Keep stormwater filtration basin protected from construction activity, compaction, and clogging by sediment. Basin should remain offline if possible until all contributing areas are permanently restored.
 - C. Notify Mary Fitzgerald, Ramsey-Washington Metro Watershed District, at 651-792-7956 prior to beginning construction activity to schedule an initial erosion control inspection.
 - D. Notify Mary Fitzgerald, Ramsey-Washington Metro Watershed District, at 651-792-7956 at least 48 hours prior to construction of the stormwater filtration basin.
 - E. The proposed erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction.
3. The applicant shall submit the final, signed plans set.
4. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).
5. The applicant shall submit a copy of the Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



PLANT SCHEDULE:

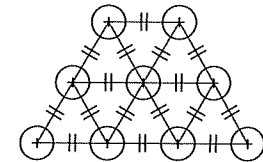
- NOTES:
1. PLANT SPECIES TO BE OF EQUAL QUANTITIES AND SPACING OF 18" O.C.
 2. PLANTS TO BE IN ODD NUMBERED CLUMPS OF 5, 7, OR 9.
 3. PLANTS TO BE INTEGRATED WITH SEEDED MIXES AS INDICATED ON PLAN.
 4. ALL BIOCELL 4" PLUG PLANTS TO BE PLANTED ALONG THE SIDE OF SLOPES OF EACH BASIN AS INDICATED ON PLAN.

BIOCELL PLANT SCHEDULE

QTY: 1175 TOTAL BIOCELL PLANTS

EQUAL QUANTITIES OF THE FOLLOWING SPECIES:

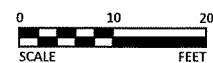
BOTANICAL NAME	COMMON NAME	SIZE
ANEMONE CANADENSIS	CANADA ANEMONE	4" PLUG
ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	4" PLUG
DOELLINGERIA UMBELLATA	FLAT-TOPPED ASTER	4" PLUG
LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	4" PLUG
LOBELIA SIPHILITICA	GREAT LOBELIA	4" PLUG
RUDBECKIA LACINIATA	CUT-LEAF CONEFLOWER	4" PLUG
SOLIDAGO RIGIDA	STIFF GOLDENROD	4" PLUG
VERBENA HASTATA	BLUE VERVAIN	4" PLUG



- NOTES:
1. O.C. TRIANGULAR PLANT SPACING PER PLANS
 2. AREAS IDENTIFIED ON PLANTING PLAN AS O.C. SHALL BE TRIANGULAR SPACED
 3. SEE PLANTING PLAN/SCHEDULE FOR SPECIES

PERENNIAL PLANT SPACING

LEGEND	
	SEED WET DITCH (WD)
	SEED WET DITCH (WD) WITH BIOCELL PLANTINGS



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DRAFT

DATE: 5/31/22



3507 HIGH POINT DRIVE NORTH,
BLDG. 1 SUITE E130
OAKDALE, MN 55128
Phone: (651) 704-9970
Email: Oakdale@bolton-menk.com
www.bolton-menk.com

REVISION	NO.	ISSUED FOR	DATE
DESIGNED	EJS		
DRAWN	DAJ		
CHECKED	JPT		
CLIENT PROJ. NO.	07-2023-01		

WOODBURY, MINNESOTA
WOODLANE DRIVE TRAIL PROJECT
EROSION CONTROL PLAN
WOODLANE DRIVE

SHEET
C2.04

Permit Application Coversheet

Date December 11, 2024

Project Name Shoreview Villas II (Lots 1-8)

Project Number 24-52

Applicant Name Jim Menning, Tycon Companies

Type of Development Residential

Property Description

This project is located off Highway 96 West on the northeast corner of Snail Lake in the City of Shoreview. This is Phase II of a larger single-family residential redevelopment of the property (ref. Permit #24-48). The total site disturbed area for this phase is 2.7 acres and includes the lakeside lots 1-8. A filtration basin is proposed to meet stormwater treatment requirements, permitted under #24-48. The Phase II impervious area and grading was reviewed to confirm that the filtration basin is appropriately sized for the full build-out of the site and meets permit requirements. A jurisdictional wetland fringe (Manage A, Type 4) on Snail Lake was delineated with boundaries approved in June 2021 (#21-08 WCA). The applicant has demonstrated that wetland buffer requirements are met with this submittal. The Phase II project as proposed will not alter nor result in a loss of available storage within the 100-year floodplain of Snail Lake.

Watershed District Policies or Standards Involved:

- | | |
|--|---|
| <input checked="" type="checkbox"/> <i>Wetlands</i> | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input checked="" type="checkbox"/> <i>Stormwater Management</i> | <input type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

Long Term

The proposed stormwater management plan is sufficient to protect the long-term quality of downstream water resources.

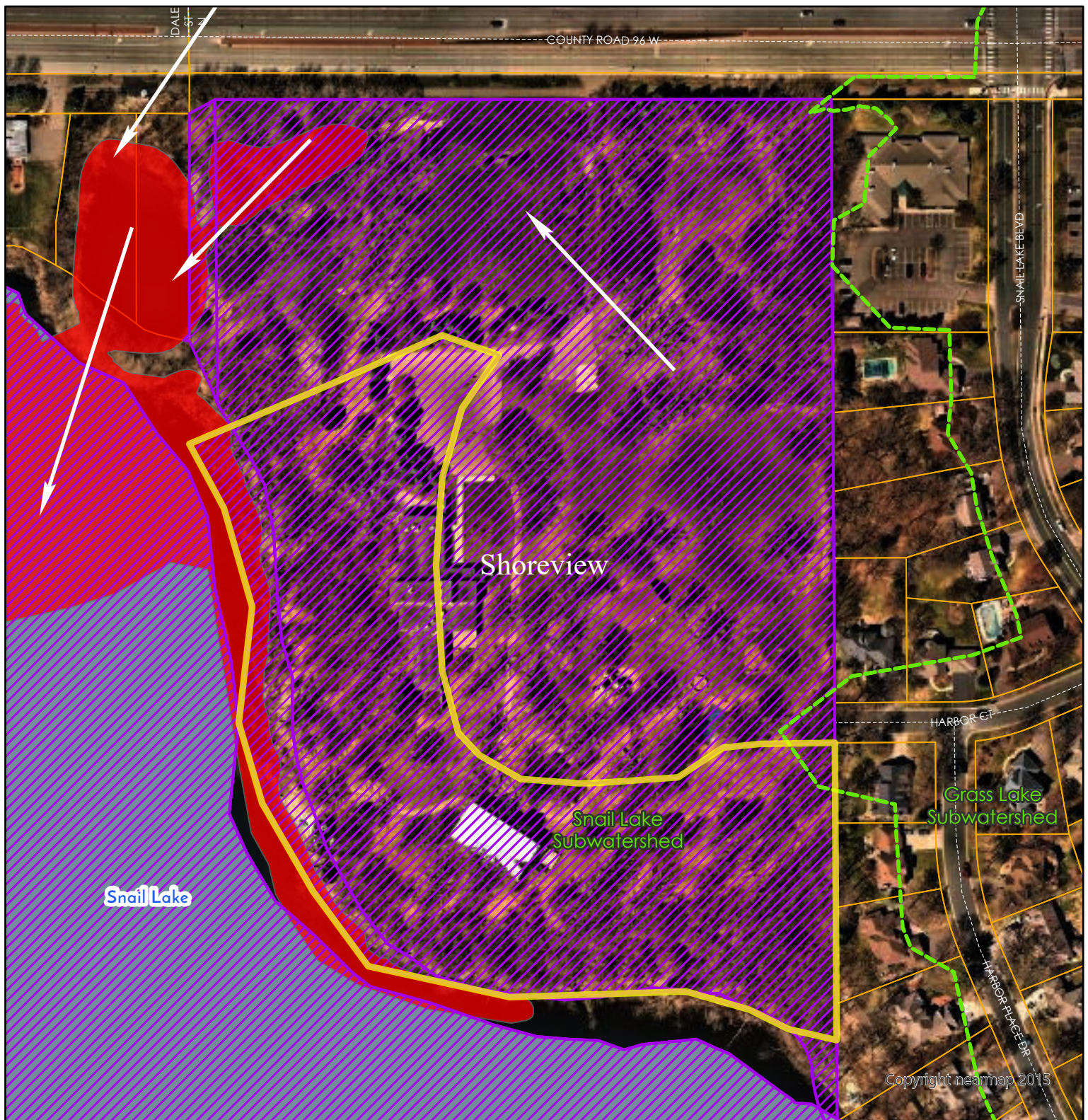
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan

#24-52 Shoreview Villas II (Lots 1-8)



Wetlands

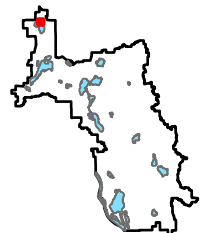
- Manage A
- Manage B
- Manage C
- Lake
- Sediment Pond
- Not Assessed

- Flow Arrows
- Roads
- Permits
- Cities
- Subwatersheds
- Lakes
- Ramsey Co Parcels
- RWMWD Boundary

Highlighted Areas
Represent Active Permit

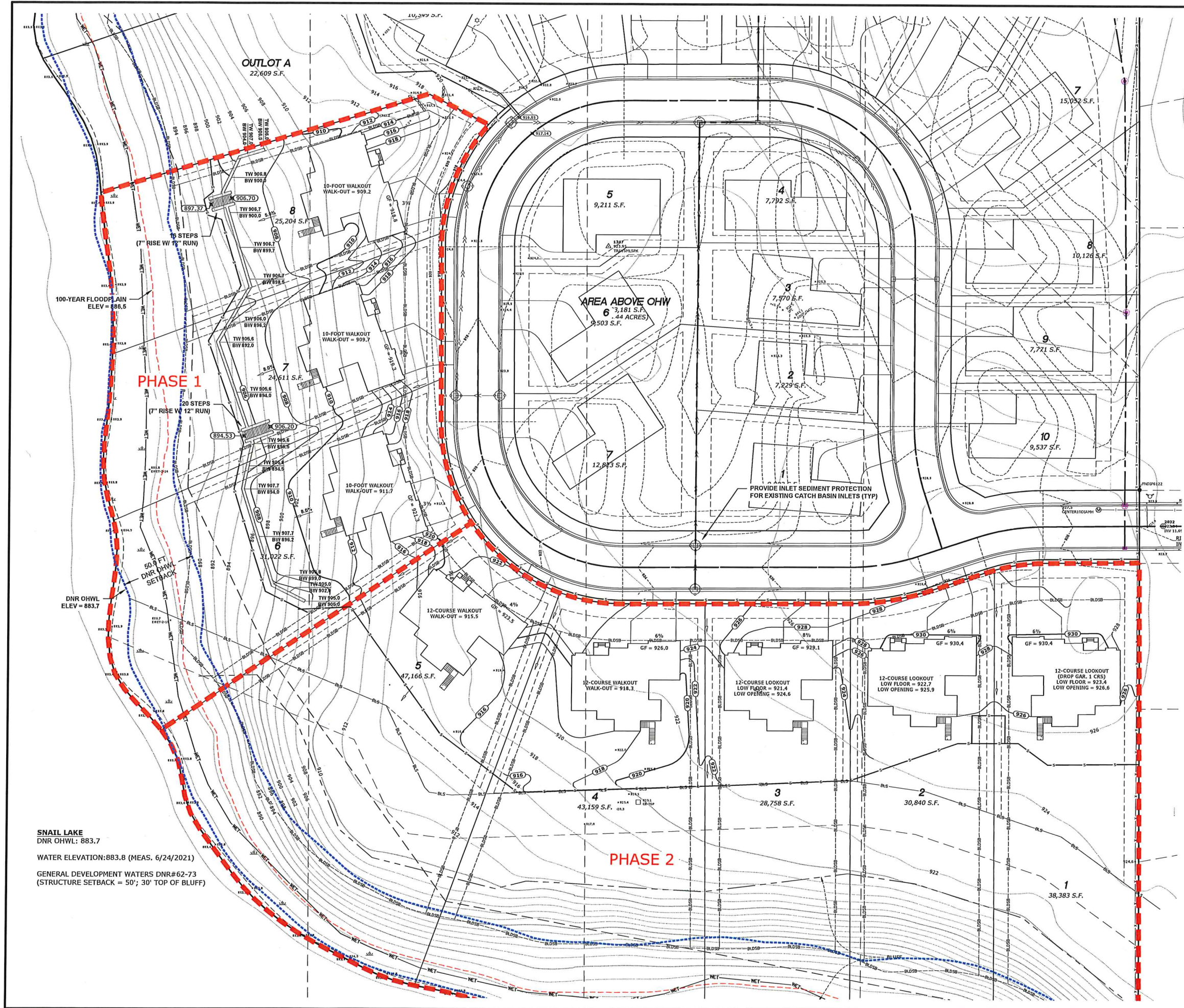
0 0.03 0.06 Miles

0 150 300 US Feet



Special Provisions

1. The applicant shall submit the escrow payment of \$5,400.
2. The applicant shall specify wetland buffer monuments per RWMWD Rule E, at each lot line where it crosses a wetland buffer with a maximum spacing of 200 feet. Include signage detail in the plans.
3. The applicant shall specify redundant perimeter control where disturbance is taking place within 50' of delineated wetland boundary on Snail Lake.
4. The applicant shall label stabilized construction exits on the plans.
5. The applicant shall add notes to the plans:
 - A. Notify Mary Fitzgerald, Ramsey-Washington Metro Watershed District, at 651-792-7956 prior to beginning construction activity to schedule an initial erosion control inspection.
 - B. The specified erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction.
6. The applicant shall submit the final landscaping plan.
7. The applicant shall submit the final, signed plans set.
8. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).
9. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.

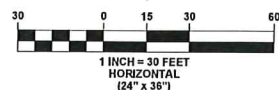


GENERAL NOTES

1. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF EXISTING UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS NECESSARY TO AVOID DAMAGE TO THESE UTILITIES.
2. CALL Gopher State ONE CALL AT LEAST 48 HOURS PRIOR TO ANY EXCAVATIONS FOR EXISTING UTILITIES LOCATIONS.
3. THE CONTRACTOR SHALL FIELD VERIFY SIZE, ELEVATION, AND LOCATION OF EXISTING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF INSTALLATIONS.
4. ALL UTILITY AND STREET INSTALLATIONS SHALL CONFORM TO THE CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.
5. ALL WORK SHALL BE PERFORMED DURING CITY APPROVED WORKING HOURS.
6. PARKING, EQUIPMENT STORAGE OR MATERIAL STORAGE SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY.
7. NOTIFY CITY A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
8. ALL ELECTRIC, TELEPHONE, AND GAS EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL, SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS, AS NECESSARY TO CONTROL THE MOVEMENT OF TRAFFIC.

LEGEND

- X 922.35 EXISTING EXISTING SPOT ELEVATION
- EXISTING HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM SEWER APRON
- EXISTING STORM SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING WET LAND
- EXISTING EDGE OF WETLAND
- DELINEATION AND GPS LOCATION BY JACOBSON ENVIRONMENTAL
- EXISTING CONTOURS
- DESIGN CONTOURS (BY KIMLEY HORN)
- PROPOSED CONTOURS
- EXISTING EXISTING SANITARY SEWER
- EXISTING EXISTING STORM SEWER
- EXISTING EXISTING WATER MAIN
- EXISTING 50 FOOT OHW SETBACK LINE
- PROPOSED SILT FENCE



PLOWE
ENGINEERING, INC.
6778 LAKE DRIVE
LINO LAKE, MN 55014
PHONE: (651) 361-4210
FAX: (651) 361-4701



DRAWN BY:
AS
JOB NO:
24-2167
CHECK BY:
MGA
DATE:
10/15/24



NO.	DATE	DESCRIPTION
1	11.25.24	FINAL COMMENTS
2		
3		
4		
5		
6		
7		
8		

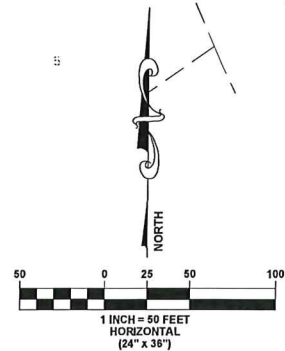
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Minnesota.

PRELIMINARY
ADAM GINVEL
Date: 11.25.2024 License No. 43963

HARBOR SHORES
SHOREVIEW, MN
GRADING, DRAINAGE & ESC PLAN
PREPARED FOR: 580 SHOREVIEW, LLC

SHEET
C1.1

-  = EXISTING 75-FT BUFFER AREA
82,822 SF
-  = PROPOSED BUFFER AVERAGING
86,600 SF



HARBOR SHORES
SHOREVIEW, MN
WETLAND BUFFER PLAN

PREPARED FOR: 580 SHOREVIEW, LLC

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Minnesota.

PRELIMINARY
ADAM GINDEL

Date: 11/25/2024 License No. 49963

NO.	DATE	DESCRIPTION
1	11/25/24	SHEET ADDED
2		
3		
4		
5		
6		
7		
8		

DRAWN BY: AG
JOB NO.: 24-2167
CHECK BY: MJA
DATE: 10/15/24



PLOWE
ENGINEERING, INC.
8770 LAKE DRIVE
SUITE 110
LINO LAKES, MN 55014
PHONE: (851) 361-3210
FAX: (851) 361-4701

SHEET
C1.4

24-2167

Permit Application Coversheet

Date October 02, 2024

Project Name Shoreview Villas I

Project Number 24-48

Applicant Name Max Segler, Tycon Companies

Type of Development Residential

Property Description

This project is located off Highway 96 West on the northeast corner of Snail Lake in the City of Shoreview. The applicant is proposing to redevelop a shuttered ministry campus, including demolition of existing buildings and subsequent construction of single-family residential units with associated streets, utilities, and landscaping. The total site disturbed area is 7.33 acres and represents Phase I of the overall redevelopment. This permit request is for demolition activities and construction of residential units in the interior portion of the development. Future construction of lake-adjacent homes will require subsequent review and approval. A filtration basin is proposed to meet stormwater treatment requirements and has been sized to account for future impervious area to reflect the planned final build-out of the site. Filtration is being proposed due to poor soils.

Two jurisdictional wetlands (Manage A, Types 2 and 4) including a wetland fringe on Snail Lake have been delineated with boundaries approved in June 2021 (#21-08 WCA). An existing constructed stormwater pond is located adjacent to the parcel in the northwest corner. While no wetland impacts are proposed as a result of this development, a variance request for disturbance of the wetland buffers is included in the permit request to accommodate removals, erosion control installation, an outfall pipe with riprap, a mulch access trail, and stairs for a proposed dock. The applicant is coordinating with the DNR on development requirements, including the design and placement of the dock. The Phase I project as proposed will not result in a loss of available storage within the 100-year floodplain of Snail Lake.

Watershed District Policies or Standards Involved:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Wetlands | <input checked="" type="checkbox"/> Erosion and Sediment Control |
| <input checked="" type="checkbox"/> Stormwater Management | <input checked="" type="checkbox"/> Floodplain |

Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

Long Term

The proposed stormwater management plan is sufficient to protect the long term quality of downstream water resources.

Staff Recommendation

Staff recommends approval of this permit with the special provisions and variance request (Rule E).

Attachments:

☒ **Project Location Map**

☒ **Project Grading Plan**

Permit Application Coversheet

Date December 11, 2024

Project Name RWMWD 2025 CIP Maintenance/Repairs

Project Number 24-53

Applicant Name Tina Carstens, RWMWD

Type of Development Maintenance

Property Description

This project is led by RWMWD and is located at various locations throughout the District. See map included for site locations and descriptions. The project includes maintenance activities related to sediment removal, facility repair, and in-kind riprap replacement. A Wetland Conservation Act (WCA) no-loss decision was approved in December 2024 (#24-37 WCA) for work proposed in WCA-jurisdictional wetlands. All other applicable permits (ex: DNR), approvals, and access agreements must be obtained prior to start of construction. Disturbed areas will be restored with native seed. No net fill is proposed in the 100-year floodplain in order to maintain existing flood storage on the landscape. No impervious area is proposed as a result of the project, thus permanent stormwater treatment is not required.

Watershed District Policies or Standards Involved:

- | | |
|---|---|
| <input checked="" type="checkbox"/> <i>Wetlands</i> | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input type="checkbox"/> <i>Stormwater Management</i> | <input checked="" type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed grading plans will result in no net fill in the 100-year floodplain and no loss of flood storage on the landscape.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during the course of construction.

Long Term

There are no long term water quality concerns.

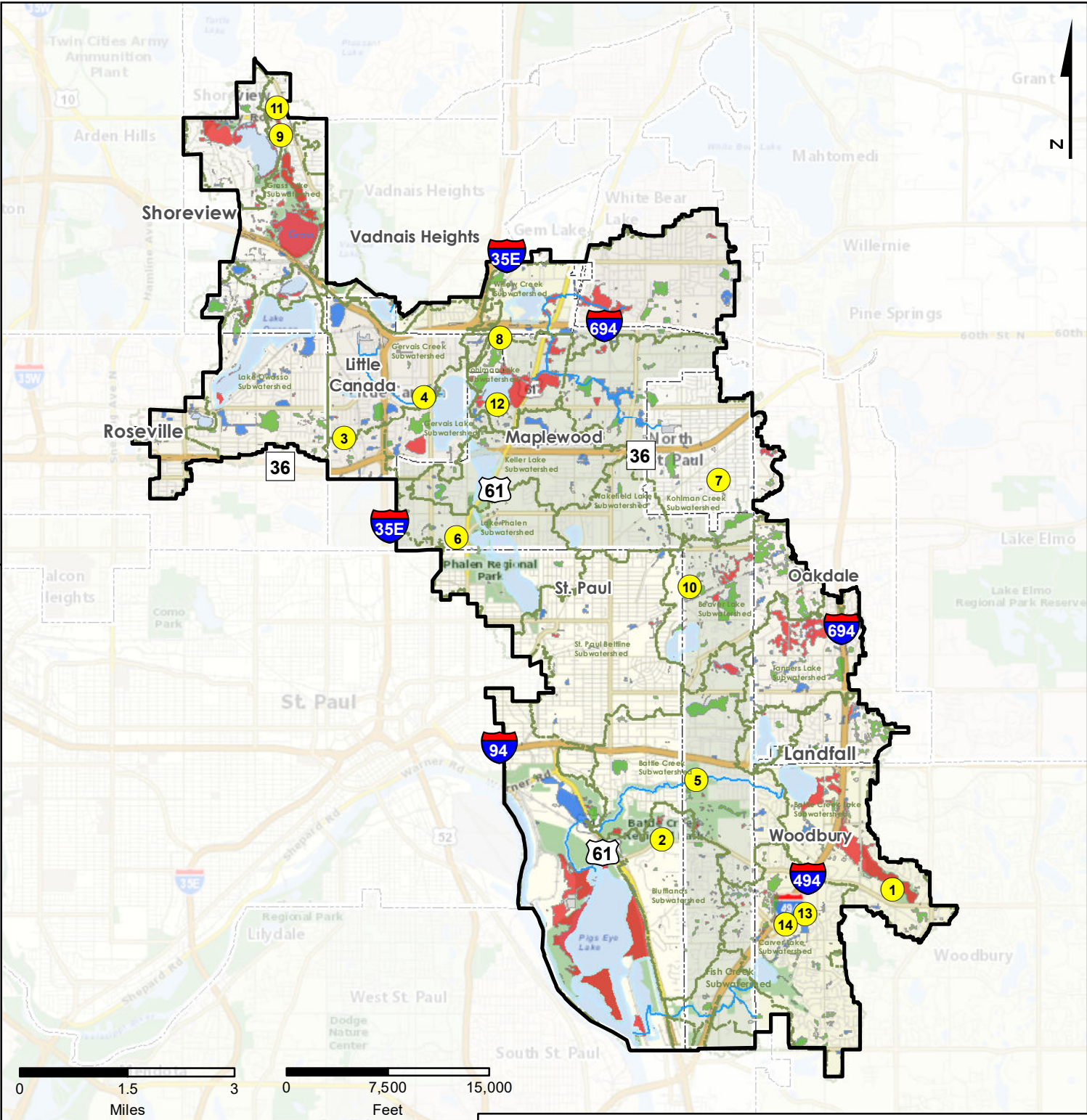
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- ☒ Project Location Map
- ☐ Project Grading Plan

#24-53 RWMWD 2025 CIP Maintenance/Repairs



Note: Shaded area is outside RWMWD

Wetlands

- Manage A
- Manage B
- Manage C
- Lake
- Sediment Pond
- Not Assessed

- Maintenance Sites
- Creeks
- Subwatersheds
- City Boundaries
- RWMWD Boundary

Site No	Name	City	Notes
1	Tamarack Swamp PFS Basins	Woodbury	PFS Basins Paver Cleaning/Sweeping
2	Lower Afton Road	Maplewood	Drainageway sediment removal
3	Roseville Area Middle School	Roseville	Splash block repair
4	Gervais Creek Maintenance	Little Canada	Basin cleanout and rock dike repair
5	McKnight Basin Cleanout	Maplewood	Pond maintenance
6	Maple Hills Pond	Maplewood	Pond maintenance
7	Pond 9 Maintenance	North St. Paul	Pond maintenance
8	Maple Leaf Pond Maintenance	Little Canada	Pond maintenance
9	Harbor Place Pond Maintenance	Shoreview	Pond maintenance
10	Currie St & Arlington Ave Pond	Maplewood	Pond maintenance
11	Kowalski Pond Maintenance	Shoreview	Pond maintenance
12	Kohlman Lake Outlet Maintenance	Maplewood	Outlet maintenance
13	Pond SC220 Maintenance	Woodbury	Pond maintenance
14	Pond SC235 Maintenance	Woodbury	Pond maintenance

24-53

Special Provisions

1. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.

Permit Application Coversheet

Date December 11, 2024

Project Name Gladstone Village II

Project Number 24-54

Applicant Name Ashley Bisner, JB Vang

Type of Development Residential

Property Description

This project is located southeast of Frost Avenue and English Street in the City of Maplewood. The applicant is proposing to construct an apartment building with associated parking lot, sidewalks, and green space. The total site disturbed area is approximately 1.4 acres. An underground infiltration system is proposed to meet stormwater treatment requirements. Pretreatment methods will include sumped inlets and skimmer snouts to capture floatables.

Watershed District Policies or Standards Involved:

- | | |
|--|---|
| <input type="checkbox"/> <i>Wetlands</i> | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input checked="" type="checkbox"/> <i>Stormwater Management</i> | <input type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

Long Term

The proposed stormwater management plan is sufficient to protect the long term quality of downstream water resources.

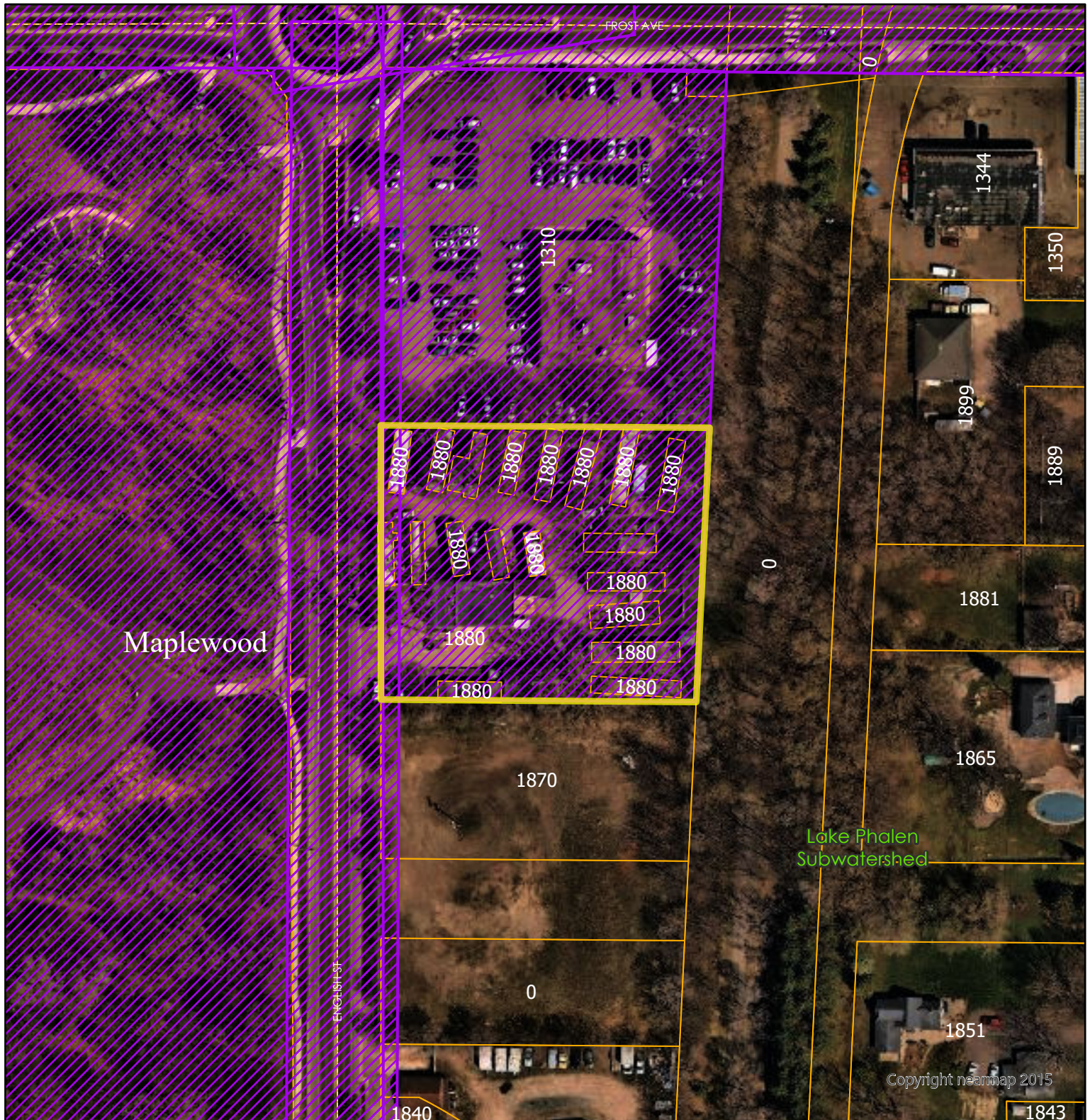
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan

#24-54 Gladstone Village II



Wetlands

- Manage A
- Manage B
- Manage C
- Lake
- Sediment Pond
- Not Assessed

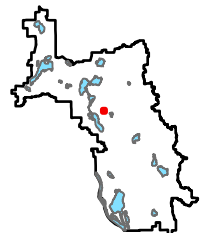
Roads

- Permits
- Cities
- Subwatersheds
- Ramsey Co Parcels
- RWMWD Boundary

Highlighted Areas
Represent Active Permit

0 0.02 0.04 Miles

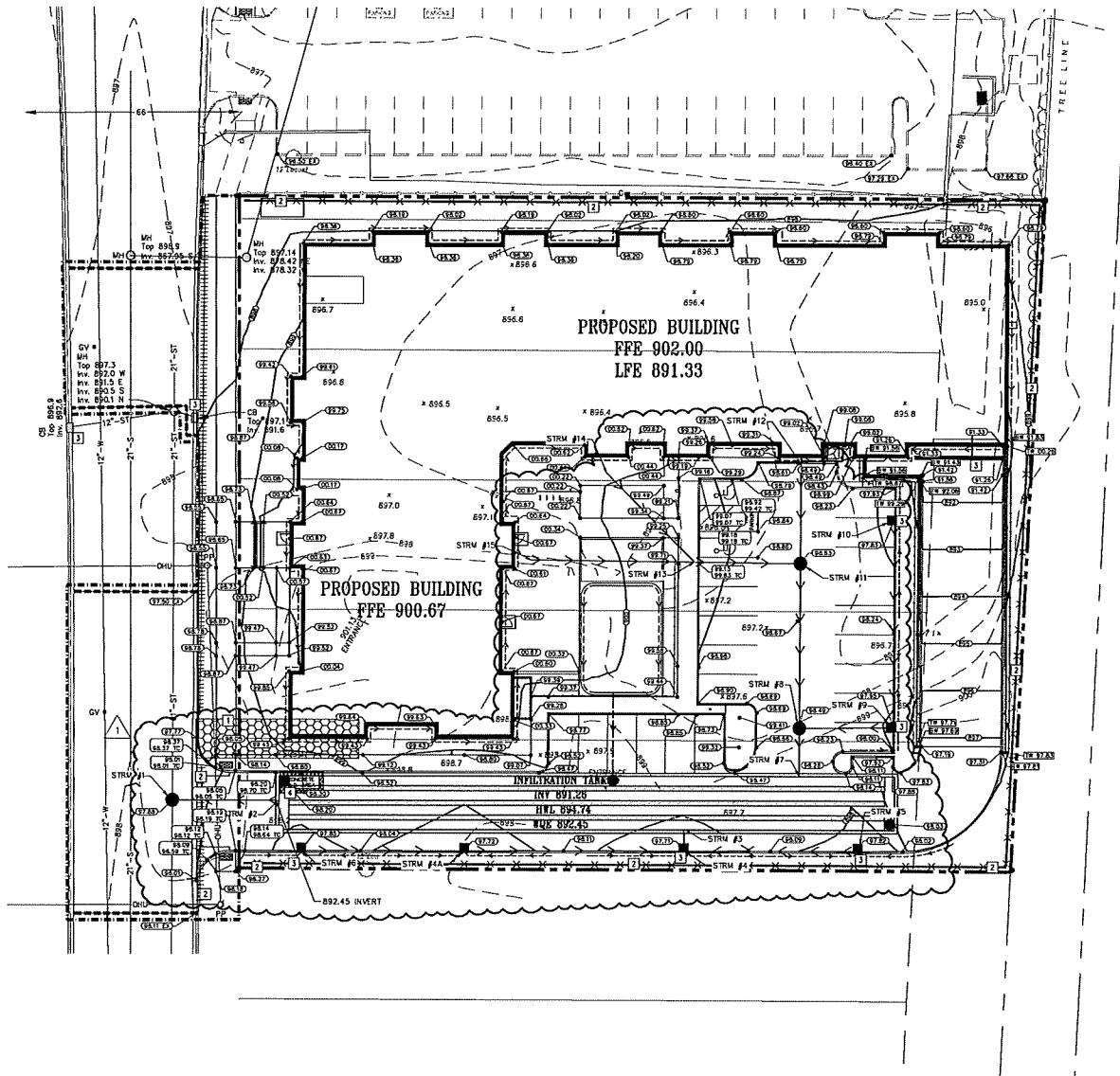
0 100 200 US Feet



Copyright nearmap 2015

Special Provisions

1. Due to variable onsite soils, the applicant shall submit additional geotechnical information within the footprint of the proposed underground system to demonstrate soils are conducive to infiltration.
2. The applicant shall submit the full, final geotechnical report.
3. The applicant shall submit a detail for the underground system's outlet control structure.
4. The applicant shall submit an executed joint stormwater maintenance agreement with the City of Maplewood.
5. The applicant shall submit a site-specific BMP Operations & Maintenance Plan that includes a narrative description of the facilities (purpose/functionality), a labeled figure that calls out inspection and maintenance locations, and examples of companies that can complete maintenance on the facilities.
6. The applicant shall add inlet protection to any existing inlets/catch basins on English Street on the erosion control plan, as applicable.
7. The applicant shall submit the final landscaping and restoration plan.
8. The applicant shall submit the final, signed plans set.
9. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).
10. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



1 GRADING, DRAINAGE, AND EROSION CONTROL PLAN
C200 1" = 20'

GRADING NOTES:

- THE CONTRACTOR SHALL VISIT THE SITE, REVIEW ALL CONSTRUCTION DOCUMENTS, AND FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO BIDDING. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR WORK THAT COULD HAVE BEEN IDENTIFIED BY A SITE VISIT OR CONSTRUCTION DOCUMENT REVIEW.
- THE BACKGROUND INFORMATION WAS PREPARED BY RENDER & ASSOCIATES, (651) 452-5051.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATION AND MARK ALL EXISTING UTILITIES 48 HOURS BEFORE CONSTRUCTION STARTS. THE ENGINEER, ARCHITECT, OR OWNER DOES NOT GUARANTEE THAT ALL THE UTILITIES ARE MARKED, OR, IF MARKED, ARE SHOWN CORRECTLY. CONTACT Gopher State One Call at 651-454-0002 FOR FIELD LOCATING EXISTING UTILITIES. CONTACT UTILITY OWNER IF DAMAGE OCCURS DUE TO CONSTRUCTION.
- PROTECT ALL EXISTING STRUCTURES AND UTILITIES WHICH ARE NOT SCHEDULED FOR REMOVAL.
- NOTIFY CITY BUILDING INSPECTOR BEFORE TRENCHING AND EXCAVATION WORK COMMENCES. THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO START OF CONSTRUCTION.
- ALL SPOT ELEVATIONS SHOWN AS 50.00-99.99 ARE TO BE UNDERSTOOD TO MEAN 850.00-899.99. ALL SPOT ELEVATIONS SHOWN AS 00.00-99.99 ARE TO BE UNDERSTOOD TO MEAN 900.00-949.99.
- ALL SPOT ELEVATIONS ALONG THE CURB-LINE INDICATE THE ELEVATION OF THE GUTTER, UNLESS NOTED OTHERWISE.
- NO UNDISCARDED SLOPES ARE TO EXCEED 3:1 (3 FEET HORIZONTAL TO 1 FOOT VERTICAL) UNLESS NOTED OTHERWISE.
- ACCESSIBLE PARKING AREAS SHALL NOT HAVE SLOPES IN ANY DIRECTION THAT EXCEED 2%.
- PROVIDE POSITIVE DRAINAGE FROM BUILDINGS AT ALL TIMES.
- UPON COMPLETION OF THE GRADING AND UTILITY WORK, THE CONTRACTOR SHALL CERTIFY THAT ALL GRADING AND UTILITY WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED GRADING AND UTILITY PERMITS. AN AS-BUILT GRADING AND UTILITY PLAN SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR Hired BY THE CONTRACTOR. SURVEY SHALL BE PROVIDED TO CIVIL ENGINEER.
- PRIOR TO ISSUANCE OF BUILDING PERMITS, ALL NECESSARY EROSION CONTROL DEVICES MUST BE IN PLACE AND FUNCTIONING. THE CITY (AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT) WILL INSPECT THE SITE TO DETERMINE ITS SUITABILITY FOR BUILDING ACTIVITIES. IF THE PUBLIC UTILITIES HAVE NOT BEEN INSTALLED AT THIS POINT, IT MAY BE NECESSARY TO WITHHOLD BUILDING PERMITS FOR VARIOUS LOTS TO ALLOW THE CONTRACTOR ADEQUATE SPACE TO PERFORM THIS WORK.
- ALL DEBRIS CREATED IN THE PROCESS OF CLEARING AND GRADING THE SITE SHALL BE REMOVED FROM THE SITE. THIS INCLUDES TREES AND SHRUBS. UNDER NO CIRCUMSTANCES SHALL THIS TYPE OF MATERIAL BE BURIED OR BURNED ON THE SITE.
- THE CONTRACTOR MAY STRIP AND SALVAGE TOPSOIL FOR POTENTIAL RE-SPREADING ON THE SITE, IF APPROVED BY THE LANDSCAPE ARCHITECT AND/OR SPECIFICATIONS. SIX INCHES OF TOPSOIL - AFTER COMPACTION - SHALL BE RE-SPREAD PRIOR TO SEEDING AND MULCHING. EXCESS TOPSOIL MAY BE REMOVED FROM THE SITE PROVIDED THERE IS ADEQUATE TOPSOIL REMAINING TO PROPERLY FINISH THE SITE AS NOTED ABOVE. THE TOPSOIL STRIPPING, STOCKPILING, AND RE-SPREADING SHALL BE DONE IN ACCORDANCE WITH, AND NOTED ON, THE APPROVED GRADING PLAN AND SPECIFICATIONS. THE CONTRACTOR SHALL REFER TO THE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ANY SPECIAL TOPSOIL OR PLANTING REQUIREMENTS.
- ALL GRADING OPERATIONS SHALL BE CONDUCTED IN A MANNER TO MINIMIZE THE POTENTIAL FOR SITE EROSION. EROSION CONTROL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM RUNNING OFF ADJACENT PROPERTIES. ANY DAMAGE TO ADJACENT PROPERTIES MUST BE CORRECTED AND RESTORED AS SOON AS PERMISSION IS GRANTED FROM THE ADJACENT PROPERTY OWNER(S).
- IF CONSTRUCTION OF THE SITE WORK PROCEEDS THROUGH THE WINTER MONTHS, ANY DISTURBED AREAS OUTSIDE THE BUILDING FOOTPRINTS ARE TO BE MANUALLY STABILIZED PRIOR TO MARCH 1, AS FOLLOWS: AREAS PLANNED TO RECEIVE PAVEMENTS ARE TO HAVE CLASS 5 BASE INSTALLED; ALL OTHER DISTURBED AREAS ARE TO BE SEED, STRAW MULCH PLACED, AND DSC-ANCHORED.
- WINTER MULCHING:
 - SNOW MULCHING SHALL BE DEFINED AS MULCH MATERIAL SPREAD OVER THE TOP OF SNOW SO THAT THE MULCH MELTS THROUGH THE SNOW AND STICKS TO THE EXPOSED SOILS.
 - FROZEN GROUND MULCHING SHALL BE DEFINED AS MULCH MATERIAL SPREAD OVER FROZEN GROUND. MULCH MATERIALS THAT DO NOT REQUIRE DSC-ANCHORING INTO THE SOIL MAY BE PLACED WITHOUT DSC-ANCHORING. MULCH MATERIALS THAT REQUIRE DSC-ANCHORING MAY BE ANCHORED WITH HYDRAULIC SOIL STABILIZERS OR MAY BE FROZEN TO THE SOIL BY APPLYING WATER AT A RATE OF 2000 GALLONS PER ACRE OVER THE MULCH AS A SUBSTITUTION FOR DSC-ANCHORING.
- RETAINING WALLS AND APPROPRIATE SAFETY FENCING ALONG THE TOP OF WALLS ARE TO BE DESIGNED AND CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER. SUBMIT RETAINING WALL SHOP DRAWINGS TO PROJECT TEAM PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL LIMIT THE DISTURBED AREA AS MUCH AS POSSIBLE.

PROPOSED PLAN SYMBOLS	
CONSTRUCTION LIMITS	---
SITUATION FENCE	---X---
SEDIMENT CONTROL LOG	
PROPERTY LINE	---
SANCTUARY LINE (APPROX.)	---
PROPOSED CONTOUR	---
DRAIN TILE	---
STORM SEWER	---
RETAINING WALL	---
CATCH BASIN	---
MANHOLE	---
ROCK CONSTRUCTION ENTRANCE	---
RETAINING WALL SPOT ELEVATION	---
SPOT ELEVATION	---
CONCRETE WASHOUT AREA	---

ABBREVIATIONS	
BUDG	Building
BM	Benchmark
BS	Bottom of Slap
BM	Bottom of Wall
CB	Catch Basin
CONC	Concrete
ELEV	Elevation
EX	Existing
FTE	Finished Floor Elevation
HML	High Water Level
INV	Invert
LFE	Lower Floor Elevation
MAX	Maximum
MWH	Manhole
MIN	Minimum
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
STRM	Storm Sewer Structure
TC	Top of Catch
TS	Top of Slap
TW	Top of Wall
W.O.	Washout
WDE	Water Quality Elevation

APPROXIMATE DISTURBED AREA IS 1.36 ACRES

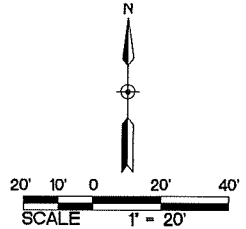
NOTE: STORM SEWER VALETS NOT SHOWN ON PLAN MAY RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INSTALL VALET SEDIMENT PROTECTION PER DETAILS 4/C500 AND 5/C500 ON ALL STORM VALETS THAT MAY RECEIVE RUNOFF.

- #### RETAINING WALL NOTES:
- ALL TOP AND BOTTOM ELEVATIONS CORRESPOND TO THE RESPECTIVE GRADE ELEVATIONS ON EACH SIDE OF THE WALL.
 - THE BOTTOM ELEVATION IS THE ELEVATION OF THE LOW-GRADE SIDE OF THE WALL, NOT THE TOP ELEVATION OF THE BURIED BLOCK COURSE.
 - ALL RETAINING WALLS SHALL HAVE PROTECTIVE FENCING AT THE TOP WHERE THE VERTICAL HEIGHT EXCEEDS 30 INCHES. REFER TO ARCHITECTURAL AND LANDSCAPE PLANS AND SPECIFICATIONS.
 - MODULAR BLOCK RETAINING WALL SHALL BE DESIGNED AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. DESIGN CALCULATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE OWNER AND ARCHITECT AT LEAST THREE WEEKS PRIOR TO CONSTRUCTION OF WALL.

- #### WALKWAY NOTES:
- GRADING CONTRACTOR IS TO COORDINATE WITH PAVING CONTRACTOR SO THAT ALL STEPS AND LANDINGS ARE SLOPED PER CODE.
 - ALL SIDEWALK LONGITUDINAL AND TRANSVERSE SLOPES ARE TO BE PER CODE.

- #### KEYED NOTES
- KEYED NOTES ARE DENOTED BY [] ON PLAN.
- INSTALL CONSTRUCTION ENTRANCE. REFER TO DETAIL 1/C500.
 - INSTALL PERIMETER EROSION CONTROL. REFER TO DETAILS 2/C500 AND 3/C500.
 - INSTALL VALET SEDIMENT PROTECTION. REFER TO DETAILS 4/C500 AND 5/C500.
 - APPROXIMATE LOCATION OF TEMPORARY CONTAINED CONCRETE WASH OUT BASIN, REFER TO THE MINNESOTA'S INFRASTRUCTURE GENERAL STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY FOR MORE DETAILS. SELF-CONTAINED CONCRETE WASHOUTS ON CONCRETE DELIVERY TRUCKS IS AN ACCEPTABLE ALTERNATIVE TO ON-SITE CONTAINMENT.

- #### EROSION CONTROL NOTES:
- THE CONTRACTOR SHALL KEEP THE STORMWATER INFILTRATION SYSTEM OFFLINE AND PROTECTED FROM CONSTRUCTION ACTIVITY AND CLOSING BY SEDIMENT UNTIL ALL CONTRIBUTING AREAS ARE PERMANENTLY RESTORED.
 - THE CONTRACTOR SHALL NOTIFY NICOLE SOBERHOLM, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7976 AT LEAST 48 HOURS PRIOR TO THE CONSTRUCTION OF ANY VOLUME REDUCTION BASIN.
 - THE CONTRACTOR SHALL NOTIFY NICOLE SOBERHOLM, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7976 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITY FOR AN INITIAL SWPPP INSPECTION.
 - THE SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.
 - ALL EROSION CONTROL FACILITIES SHALL BE INSTALLED PRIOR TO ANY SITE GRADING OPERATIONS. THE CITY ENGINEERING DEPARTMENT AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT MUST BE NOTIFIED UPON COMPLETION OF THE INSTALLATION OF THE REQUIRED EROSION CONTROL FACILITIES AND PRIOR TO ANY GRADING OPERATION BEING COMMENCED. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A RE-CONSTRUCTION GRADING MEETING ON-SITE WITH THE CITY AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT. IF DAMAGED OR REMOVED DURING CONSTRUCTION, ALL EROSION CONTROL FACILITIES SHALL BE RESTORED AND IN PLACE AT THE END OF EACH DAY.
 - ANY EROSION CONTROL FACILITIES DEEMED NECESSARY BY THE CITY OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, BEFORE, DURING OR AFTER THE GRADING ACTIVITIES, SHALL BE INSTALLED AT THEIR REQUEST.
 - NO DEVIATIONS SHALL BE MADE FROM THE ELEVATIONS SHOWN ON THE APPROVED GRADING PLAN WITHOUT PRIOR APPROVAL FROM THE CIVIL ENGINEER.
 - FOR SITES GREATER THAN 1.0 ACRE, AS REQUIRED BY THE MPCA PERMIT REQUIREMENTS, THE PERMIT APPLICANT MUST KEEP ALL EROSION CONTROL INSPECTION LOG. INSPECTION MUST BE MADE ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER EVERY RAIN EVENT. THE INSPECTION RECORD MUST BE MADE AVAILABLE TO THE CITY AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT WITHIN 24 HOURS OF REQUEST.
 - FLOWS FROM DIVERSION CHANNELS OR PIPES (TEMPORARY OR PERMANENT) SHALL BE ROUTED TO SEDIMENTATION BASINS OR APPROPRIATE ENERGY DISSIPATORS TO PREVENT TRANSPORT OF SEDIMENT TO OUTLIER LATERAL CONVEYORS AND TO PREVENT EROSION AND SEDIMENTATION WHEN RUNOFF FLOWS INTO THESE CONVEYORS.
 - SITE ACCESS ROADS SHALL BE GRADED OR OTHERWISE PROTECTED WITH Silt FENCES, DIVERSION CHANNELS, OR DUES AND PILES TO PREVENT SEDIMENT FROM ENTERING THE SITE VIA THE ACCESS ROADS. SITE-ACCESS ROADS/DRIVEWAYS SHALL BE SURFACED WITH CRUSHED ROCK WHERE THEY ADJOIN EXISTING PAVED ROADWAYS.
 - SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES OR EQUIPMENT SHALL BE CLEANED DAILY FROM PAVED ROADWAY SURFACES, OR MORE FREQUENTLY IF REQUESTED BY CITY OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, THROUGHOUT THE DURATION OF CONSTRUCTION.
 - DUST CONTROL MEASURES SHALL BE PERFORMED PERIODICALLY WHEN CONDITIONS REQUIRE AND/OR AS DIRECTED BY THE CITY OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT.
 - ALL EROSION CONTROL MEASURES SHALL BE USED AND MAINTAINED FOR THE DURATION OF SITE CONSTRUCTION. IF CONSTRUCTION OPERATIONS OR NATURAL EVENTS DAMAGE OR INTERFERE WITH THESE EROSION CONTROL MEASURES, THEY SHALL BE RESTORED TO SERVE THEIR INTENDED FUNCTION AT THE END OF EACH DAY OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
 - ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED AS SOON AS POSSIBLE. ANY AREAS WHICH HAVE BEEN FINISHED GRADED OR AREAS THAT HAVE BEEN DISTURBED AND FOR WHICH GRADING OR SITE BUILDING CONSTRUCTION OPERATIONS ARE NOT ACTIVELY UNDERWAY SHALL BE SEED AND MULCHED AS SET FORTH IN THE FOLLOWING PARAGRAPHS WITHIN 7 DAYS:
 - ALL SEEDER AREAS SHALL BE EITHER MULCHED AND DSC-ANCHORED OR COVERED BY FIBROUS BLANKETS TO PROTECT SEEDS AND LIMIT EROSION. TEMPORARY STRAW MULCH SHALL BE DSC-ANCHORED AND APPLIED AT A UNIFORM RATE OF NOT LESS THAN TWO TONS PER ACRE AND NOT LESS THAN 80% COVERAGE.
 - IF THE GRADED AREA IS ANTICIPATED TO BE RE-DISTURBED/DEVELOPED WITHIN SIX MONTHS, PROVIDE A TEMPORARY VEGETATIVE COVER CONSISTING OF MINNESOTA DEPARTMENT OF TRANSPORTATION (MDOT) SEED MIXTURE 21-111 (WATS), OR 21-112 (WINTER WHEAT), AT A RATE OF 100 POUNDS PER ACRE.
 - IF GRADED AREA WILL NOT BE DEVELOPED FOR A PERIOD GREATER THAN SIX MONTHS, PROVIDE A SEMI-PERMANENT VEGETATIVE COVER OF SEED MIXTURE M202 22-112 AT A RATE OF 40 POUNDS PER ACRE.
 - GRADING BONDS OR THE EQUIVALENT SECURITIES SHALL BE RETAINED UNTIL TURF HAS GERMINATED AND SURVIVED A 60-DAY GROWING PERIOD.
 - ALL AREAS THAT WILL NOT BE MOVED OR MAINTAINED AS PART OF THE ULTIMATE DESIGN WILL BE PERMANENTLY RESTORED USING SEED MIXTURE M202 25-141 AT A RATE OF 50 POUNDS PER ACRE.
 - UNLESS SPECIFIED ELSEWHERE WITHIN THE CONSTRUCTION DOCUMENTS, PERMANENT TURF RESTORATION SHALL CONSIST OF 500.
 - WHenever OTHER EROSION AND SEDIMENT CONTROL PRACTICES ARE INADEQUATE, TEMPORARY ON-SITE SEDIMENT BASINS THAT CONFORM TO THE CRITERIA FOR ON-SITE DETENTION BASINS SHALL BE PROVIDED.
 - MULCH, HYDROSEEDING, AND TACKERS MAY NOT BE USED FOR STABILIZATION IN SLOPES OR DRAINAGE DITCHES UNLESS THE LONGITUDINAL SLOPE IS LESS THAN 2 PERCENT.
 - RUNOFF SHALL BE PREVENTED FROM ENTERING ALL STORM SEWER CATCH BASINS PROVIDED THEY ARE NOT NEEDED DURING CONSTRUCTION. WHERE STORM SEWER CATCH BASINS ARE NECESSARY FOR SITE DRAINAGE DURING CONSTRUCTION, SEDIMENT PROTECTION DEVICES AS DETAILED SHALL BE INSTALLED AND MAINTAINED AROUND ALL CATCH BASINS UNTIL THE TRIBUTARY AREA TO THE CATCH BASIN IS RESTORED.
 - GRADING ACTIVITIES PROPOSED TO BEGIN AFTER OCTOBER 15 WILL REQUIRE AN APPROVED PHASING SCHEDULE. THE AREA OF LAND THAT THE CITY WILL ALLOW TO BE DISTURBED AT THIS TIME OF YEAR WILL BE SEVERELY LIMITED. THE CITY WILL ALSO REQUIRE ADDITIONAL EROSION CONTROL DEVICES, I.E. TEMPORARY SEDIMENT BASINS, DORMANT SEEDING AND HIGH RATES OF APPLICATION OF BOTH SEED AND MULCH.
 - TO MINIMIZE EROSION, ALL 3:1 SLOPES SHALL BE COVERED WITH A M/DOT 3885 CATEGORY 20 STRAW EROSION CONTROL BLANKETS OR STAKED 500.
 - ACCUMULATION OF ALL SEDIMENT OCCURRING IN STORM SEWERS AND DITCHES SHALL BE REMOVED PRIOR TO DRAINING AND AFTER COMPLETION OF GRADING ACTIVITIES.
 - EROSION CONTROL ITEMS AND DEVICES SHALL BE REMOVED ONLY AFTER THE AREA HAS RECEIVED FINAL STABILIZATION OR AS DIRECTED BY THE CITY AND/OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT.



Consent Agenda Action Item

Board Meeting Date: December 11, 2024

Agenda Item No: 3D

Preparer: Tina Carstens, Administrator

Item Description: Change Order No. 1 for the Cottage Place Wetland Restoration

Background:

Change order 1 for the Cottage Place Wetland Restoration Project is attached. This change order includes the removal of treehouse materials and increases the contract price by \$1,419.

Applicable District Goal and Action Item:

Goal: Achieve healthy ecosystems – The District will manage water and related natural resources to create and preserve healthy ecosystems.

Action Item: Lead ecological restoration projects to improve water resources and associated upland habitat.

Staff Recommendation:

Approve Change Order No. 1.

Financial Implications:

This change order will decrease the contract price by \$1,419.

Board Action Requested:

Approve Change Order No. 1.

Change Order No. 1
Ramsey-Washington Metro Watershed District
Cottage Place Wetland Restoration

DATE OF ISSUANCE: November 8, 2024

EFFECTIVE DATE: November 8, 2024

Owner: Ramsey-Washington Metro Watershed District
2665 Noel Drive
Little Canada, MN 55117
Attn: Paige Ahlborg, Tina Carstens

Contractor: Dimke Excavating, Inc.
6535 Joyer
Lane Lino Lakes MN 55038
Attn: Brandon Donovan

Engineer: Barr Engineering Company
4300 MarketPointe Drive, Suite 200
Minneapolis, MN 55435
Attn: Brendan Dougherty

C.O.1.A Removal of Tree House and Disposal of Materials (Lump Sum)

Description of Change:

This change reflects the need to remove and dispose a tree house located within the construction limits. After staking the construction limits using GPS unit it was determined that a tree house was located within the project area on City of Shoreview property.

Bid Form:

Add the following bid item to Section 00 41 00 ARTICLE 5.01:

Bid Item	Description	Unit	Estimated Quantity	Unit Price	Extension
C.O.1A	Removal of Tree House and Disposal of Materials	LS	1	\$1,419.00	\$1,419.00

Measurement and Payment:

Add the following to Section 01 22 00 (Unit Price Measurement and Payment) 1.05 BID ITEMS:

C.O.1.A. Removal of Tree House and Disposal of Materials

1. Method of Measurement: Removal of Tree House and Disposal of Materials shall be measured on the basis of a single lump sum (LS) unit.

1. Basis of Payment: Contractor shall be paid a lump sum (LS) price for Removal of Tree House and Disposal of Materials. The lump sum price shall include the removal of all materials, hardware, and debris associated with the tree house located on City of Shoreview property within the construction limits. Dispose of tree house and all associated materials in an Engineer-approved environmentally beneficial manner. This lump sum price shall be payment in full for the costs of all supervision, labor, materials, equipment, disposal, profit and overhead, and performing all operations for removal of the tree house as necessary for the Work and as directed by Engineer.

Change in Contract Time: None

Total Impact on Contract Price: The total contract price will be increased by \$1,419.00.

Amount of Original Contract: \$314,197.25

New Contract Amount: \$315,616.25

This Change Order No. 1 is:

Submitted By:  Date: 11/08/2024
(LANDSCAPE ARCHTIECT) Brendan Dougherty Landscape Architect
Barr Engineering Company

Approved By:  Date: 11-8-2024
(CONTRACTOR) Brandon Donovan, Project Manager
Dimke Excavating, Inc.

Authorized By: _____ Date: _____
(OWNER) Val Eisele, President
Ramsey-Washington Metro Watershed District

Consent Agenda Item

Board Meeting Date: December 11, 2024

Consent Agenda Item No: 3E

Preparer: Tina Carstens, Administrator

Item Description: Approval of the 2025 Service Agreement with Washington Conservation District (WCD) for BMP Incentive Program and Water Quality Monitoring.

Background:

This is a yearly agreement with WCD to provide technical services for the Stewardship Grant Program, a small amount of water quality monitoring support in Washington County as well as finishing some work on a subwatershed analysis for Carver Lake. The quality of support we receive from WCD in these areas is economical and we have been happy with the work done by the staff. The staff meets with landowners in Washington County, provide education and potentially design BMPs for their properties. The total 2025 agreement is not to exceed \$20,500 for BMP work, \$597 for water monitoring services, and \$2,500 for the subwatershed analysis. This is the same amount as in 2024.

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: Encourage and provide technical assistance to individuals to implement water quality improvement practices at their homes and businesses and in public places.

Staff Recommendation:

Approve the service agreement.

Financial Implications:

The costs incurred under this agreement are budgeted for through the Stewardship Grant Program Fund.

Board Action Requested:

Approve the 2025 Service Agreement with Washington Conservation District.

**2025 SERVICE AGREEMENT
BETWEEN
WASHINGTON CONSERVATION DISTRICT
AND RAMSEY WASHINGTON METRO WATERSHED DISTRICT**

A. PARTIES

This Agreement is made and entered into by Washington Conservation District, (WCD), and the Ramsey Washington Metro Watershed District (Watershed District).

B. PURPOSE

WHEREAS, the Watershed District has requested assistance from the WCD to implement the policies specified in MINN. STAT. §§ 103A.206 and 103D.201; and

WHEREAS, the WCD is authorized to enter agreements to provide such assistance pursuant to MINN. STAT. §§ 103C.331, SUBD. 3 and 7 and 103D.335, subd. 21.

NOW, THEREFORE, the parties agree as follows:

C. TERM OF AGREEMENT

The term of this agreement shall be from January 1, 2025 to December 31, 2025 unless extended or terminated earlier as provided herein.

D. SCOPE OF SERVICES

The WCD will perform all services and furnish and deliver work products generally described in the attached Exhibits.

E. COST

In full consideration for services under this agreement, the WCD shall charge the RWMWD for its services at the rate set forth in Exhibit D. Costs for services for activities detailed in the attached Exhibits include:

Exhibit A: Technical Services for BMP Coast Share Program - \$20,500

Exhibit B: Water Monitoring Services - \$597

Exhibit C: Carver Lake Sub-Watershed Analysis - \$2,500

Total 2025 Agreement: \$23,597

Any additional costs for special studies or capital projects must be set forth in a written amendment to this Agreement.

F. BILLING RATE AND PAYMENTS

1. Services in Exhibit A and C are billed on an hourly basis based on personnel and task. See Exhibit D for current Rate Schedule. Services in Exhibit B are billed on a lump sum basis, and on an actual cost basis for lab and project expenses.
Invoices for Exhibit A and C will be sent on a monthly basis, invoices for Exhibit B will be sent on a quarterly basis and both will list specifically the work performed.
2. Project expenses will be billed as they are accrued.
3. Invoices are payable by the RWMWD within 60 days.
4. Office supplies, normal office reproduction expenses, and transportation are included in the hourly rate. Other expenses are to be reimbursed at actual cost.

G. EQUAL EMPLOYMENT OPPORTUNITY- CIVIL RIGHTS

During the performance of this Agreement, the WCD agrees to the following:

No person shall, on the grounds of race, color, religion, age, sex, disability, marital status, public assistance, criminal record, creed or national origin, be excluded from full employment rights in, be denied the benefits of, or be otherwise subjected to discrimination under any program, service, or activity under the provisions of and all applicable federal and state laws against discrimination including the Civil Rights Act of 1964.

H. STANDARDS

The WCD shall comply with all applicable Federal and State statutes and regulations as well as local ordinances now in effect or hereafter adopted. Failure to meet the requirements of the above may be cause for cancellation of this contract effective the date of receipt of the Notice of Cancellation.

I. DATA PRIVACY

All data collected, created, received, maintained, or disseminated, or used for any purpose in the course of the WCD's performance of the Agreement is governed by the Minnesota Government Data Practices Act, Minnesota 1984, Section 13.01, et seq. Or any other applicable state statutes and state rules adopted to implement the Act, as well as state statutes and federal regulations on data privacy. The WCD agrees to abide by these statutes, rules and regulations and as they may be amended.

J. AUDITS, REPORTS, AND MONITORING PROCEDURES

The WCD will:

1. Maintain records that reflect all revenues, cost incurred and services provided in the performance of the Agreement.
2. Agree that the County, the State Auditor, or legislative authority, or any of their duly authorized representatives at any time during normal business hours, and as often as they may deem reasonably necessary, shall have access to the rights to examine audit, excerpt, and transcribe any books, documents, papers, records, etc., and accounting procedures and practices of the WCD which are relevant to the contract.

K. INDEMNITY

The WCD and the Watershed District mutually agree, to the fullest extent permitted by law, to indemnify and hold each other harmless for any and all damages, liability or cost (including reasonable attorneys' fees and costs of defense) arising from their own negligent acts, errors or omissions in the performance of their services under this agreement, to the extent each party is responsible for such damages and losses on a comparative basis of fault. Parties agree to provide proof of contractual liability insurance upon request. This paragraph does not diminish, with respect to any third party, any defense, immunity or liability limit that the WCD or the Watershed District may enjoy under law.

L. INDEPENDENT CONTRACTOR

It is agreed that nothing herein contained is intended or should be construed in any manner as creating or establishing the relationship of co-partners between the parties hereto or as constituting the WCD as the agent, representative, or employee of Watershed District for any purpose or in any manner whatsoever. The WCD is to be and shall remain an independent contractor with respect to all services performed under this Agreement.

The WCD represents that it has, or will secure at its own expense, all personnel required in performing services under this Agreement. Any and all personnel of the WCD or other person, while engaged in the performance of any work or services required by the WCD under this Agreement, shall have no contractual relationship with the Watershed District and shall not be considered employees of the Watershed District.

M. MODIFICATIONS

Any material alteration or variation shall be reduced to writing as an amendment and signed by the parties. Any alteration, modification, or variation deemed not to be material by written agreement of the WCD and the Watershed District shall not require written approval.

N. MERGER

It is understood and agreed that the entire agreement of the parties is contained here, except as modified during the term of the Agreement by a writing under Paragraph M above concerning a non-material change, and that this contract supersedes oral agreements and negotiations between the parties relating to this subject matter. All items referred to in this contract are incorporated or attached and deemed to be part of the contract.

O. TERMINATION

Either the WCD or the Watershed District may terminate this Agreement with or without cause by giving the other party ninety (90) days written notice prior to the effective date of such termination. If the Watershed District terminates this Agreement, it may specify work to be performed by the WCD before termination is effective and shall pay the WCD for services performed by the WCD up to the time specified for termination. If the WCD terminates the Agreement, it will not be compensated for part completion of a task except to the extent part completion has value to the Watershed District.

P. OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

All property of the Watershed District used, acquired or created in the performance of work under this Agreement, including documents and records of any kind, shall remain the property of the Watershed District. The Watershed District shall have the sole right to use, sell, license, publish, or otherwise disseminate any product developed in whole or in part during the performance of work under this Agreement.

**2025 SERVICE AGREEMENT
BETWEEN
WASHINGTON CONSERVATION DISTRICT
AND RAMSEY WASHINGTON METRO WATERSHED DISTRICT
RWMWD BMP COST-SHARE PROGRAM**

IN TESTIMONY WHEREOF the parties have duly executed this agreement by their duly authorized officers.

APPROVED:

Watershed District

WCD

BY: _____
WD Administrator Date

BY:  11-18-24
WCD Manager Date

Approval as to form and execution:

Date

EXHIBIT A

2025 RWMWD BMP COST-SHARE PROGRAM

TASKS

1. Project Oversight

All work performed by the WCD will be at the direction of the RWMWD staff.

2. Landowner Outreach

Targeted and broad-based outreach techniques will be implemented through a coordinated effort of the RWMWD and WCD. Outreach will be coordinated with educational efforts by the RWMWD.

3. Project Database

Project information will be maintained by the RWMWD. Information on assistance provided by the WCD will be regularly communicated to the RWMWD staff Coordinator.

4. Respond to inquiries from the public

The RWMWD will act as the primary and first responder to inquiries from the public regarding the BMP Program. The WCD and the RWMWD will jointly provide responses to the public regarding general program information, program eligibility, best management practice information, and general watershed information.

5. Site Reviews and Project Evaluation

Initial site visits will be provided by the WCD County-wide and are part of the standard WCD programs and not charged under this contract. Follow-up reviews and subsequent site visits of potential BMP implementation sites will be conducted under this contract. Other activities will include: assessing BMP options which will adequately address the problem, discussing BMP alternatives with landowners, and promoting implementation of BMPs. WCD will assist program applicants with identification of supplemental funding sources if needed. Educational materials will be distributed during the site visit.

6. BMP Design and Contractor Assistance

The WCD will coordinate BMP design assistance. Design support will be provided by WCD technical resources and/or obtaining assistance from an appropriate technical agency, organization, or the Watershed District. WCD will assist landowners with obtaining qualified contractors to install BMPs if requested.

7. Construction Monitoring (Site inspections)

The WCD will monitor construction activities to verify proper implementation of BMPs.

8. Miscellaneous Services

Other services may be provided as requested by the Watershed District to implement and carry out the Program.

EXHIBIT B

2025 WATER MONITORING SERVICES

Lake Gage Monitoring	Type	Labor	Travel Time/Mileage	Lab	Total	Notes
Battle Creek	LEA1	\$199	\$0	\$0	\$199	Install and/or Survey and/or Removal + Watershed/Volunteer Reads
Carver	LEA1	\$199	\$0	\$0	\$199	Install and/or Survey and/or Removal + Watershed/Volunteer Reads
Tanners	LEA1	\$199	\$0	\$0	\$199	Install and/or Survey and/or Removal + Watershed/Volunteer Reads
Total Cost		\$597		\$0	\$597	

EXHIBIT C

2025 RWMWD SUB-WATERSHED ANALYSIS

This Task Order pertains to an Agreement by and between the Ramsey Washington Metro Watershed District, (“OWNER”), and Washington Conservation District, (“PARTNER”). The PARTNER shall perform services on the project described below as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties or a representative of the Owner provides written authorization to proceed. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

Task Order: 2025-WCD-01

Project Name (s): Carver Lake Subwatershed Analysis.

1. **Project(s) Description:** Subwatershed Retrofit Analysis
2. **Scope of Services:** WCD envisions completing the following tasks during the execution of this Task Order:
 - a. Carver Lake (\$2,500)
 - i. Field Assessment/BMP ID
 - ii. Practice
 - Prioritization iii.Reporting
 - Deliverable

Total Cost: not to exceed \$2,500

3. **Owner Responsibilities:** The estimated compensation for the completion of the tasks identified within *Scope of Services to be Performed by Technical Staff on the Project* is based upon the following assumptions and owner responsibilities:
 - a. The OWNER shall provide all relevant information to be reviewed to the PARTNER at the beginning of the project.
 - b. The OWNER shall make available all previously completed impact analysis, subwatershed planning documents, construction plans, and other related unpublished information within their files considered relevant to the project.
 - c. OWNER staff shall review and provide all written or oral comments concerning the draft work products in a timely manner allowing sufficient time for incorporation into the final work products.

EXHIBIT D

2025 Technical Services Rate Schedule

The Washington Conservation District shall use the following hourly rate schedule.

Seasonal	\$48
Technician 1	\$69
Technician 1/2	\$73
Technician 1/2/Specialist 1	\$77
Tech 2/Specialist 1/2	\$82
Specialist 1/2/3	\$87
Specialist 2/3/4	\$92
Specialist 3/4/Engineer	\$97
Administrator/Manager	\$109

Technical services provided by the WCD will be billed in accordance with this Rate Schedule. Invoices are sent per the conditions of the agreement and will summarize the work performed. Invoices are payable within 60 days.

Office supplies, in-house reproduction expenses, and transportation are included in the rates noted above. Outsource reproduction, special bulk mailings, equipment, supplies, and other non-ordinary costs are not included. Any direct costs are to be reimbursed at actual cost.

Consent Agenda Item

Board Meeting Date: December 11, 2024

Consent Agenda Item No: 3F

Preparer: Tina Carstens, Administrator

Item Description: Approval of the 2025 Service Agreement with Ramsey County – Parks and Recreation Department – Soil & Water Conservation division (SWCD) for the BMP Incentive Program.

Background:

This is a yearly agreement with the Ramsey SWCD to provide technical services for the Stewardship Grant Program in Ramsey County. The quality of support we receive from SWCD in this area is economical and we have been happy with the work done by the staff. The staff meets with landowners in Ramsey County, provides education and potentially designs BMPs for their properties. The total 2025 agreement is a not to exceed of \$90,000 for BMP work. This amount is increased by \$10,000 from our 2024 agreement which takes into account an increase in project interest.

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: Encourage and provide technical assistance to individuals to implement water quality improvement practices at their homes and businesses and in public places.

Staff Recommendation:

Approve the service agreement.

Financial Implications:

The costs associated under this agreement are budgeted for through the Stewardship Grant Program Fund.

Board Action Requested:

Approve the 2025 Service Agreement with Ramsey County – Parks and Recreation Department – Soil & Water Conservation division (SWCD) for the BMP Incentive Program.

**2025 SERVICE AGREEMENT
BETWEEN
RAMSEY COUNTY
AND RAMSEY- WASHINGTON METRO WATERSHED DISTRICT
RWMWD STEWARDSHIP PROGRAM**

A. PARTIES

This is an Agreement between Ramsey County, a political subdivision of the State of Minnesota, on behalf of its Parks & Recreation department – Soil & Water Conservation division (SWCD), 2015 Van Dyke Street, Maplewood, MN 55109, and the Ramsey-Washington Metro Watershed District (Watershed District), 2665 Noel Drive, Little Canada, MN 55117.

B. PURPOSE

The Watershed District has requested assistance from the SWCD to provide technical services to support the Stewardship Grant Program and other duties as requested; and
This Agreement is authorized pursuant to the provisions of Minnesota Statutes §Chapter 412 and Minnesota Statutes §471.59.

C. TERM OF AGREEMENT

The term of this agreement shall be from January 1, 2025 to December 31, 2025 unless extended or terminated earlier as provided herein.

D. SCOPE OF SERVICES

The SWCD will perform all services and furnish and deliver work products generally described in the attached Exhibits.

E. COST

In full consideration for services under this agreement, the Watershed District will compensate the SWCD for providing the services listed in Exhibit A, on an hourly basis, not to exceed \$90,000 during the term of this agreement.

Any additional costs must be approved by the Watershed District.

F. BILLING RATE AND PAYMENTS

The Watershed District will pay the SWCD the amount of the cost for services invoiced by the SWCD, within 35 days after receipt, based on the fee schedule listed in Exhibit B of this agreement. Project expenses will be billed as they are accrued. Office supplies, normal office reproduction expenses, and transportation are included in the hourly rate. Other expenses are to be reimbursed at actual cost.

G. EQUAL EMPLOYMENT OPPORTUNITY- CIVIL RIGHTS

During the performance of this Agreement, the SWCD agrees to the following:

No person shall, on the grounds of race, color, religion, age, sex, disability, marital status, public assistance, criminal record, creed or national origin, be excluded from full employment rights in, be denied the benefits of, or be otherwise subjected to discrimination under any program, service, or activity under the provisions of and all applicable federal and state laws against discrimination including the Civil Rights Act of 1964.

H. STANDARDS

The SWCD shall comply with all applicable Federal and State statutes and regulations as well as local ordinances now in effect or hereafter adopted. Failure to meet the requirements of the above may be cause for cancellation of this contract effective the date of receipt of the Notice of Cancellation.

I. DATA PRIVACY

All data collected, created, received, maintained, or disseminated, or used for any purpose in the course of the SWCD's performance of the Agreement is governed by the Minnesota Government Data Practices Act, Minnesota Statutes, Chapter 13 (the Act), or any other applicable state statutes and state rules adopted to implement the Act, as well as state statutes and federal regulations on data privacy. The SWCD agrees to abide by these statutes, rules and regulations and as they may be amended.

J. AUDITS, REPORTS, AND MONITORING PROCEDURES

The SWCD will:

1. Maintain records that reflect all revenues, cost incurred, and services provided in the performance of the Agreement.
2. Agree that the SWCD, the State Auditor, or legislative authority, or any of their duly authorized representatives at any time during normal business hours, and as often as they may deem reasonably necessary, shall have access to the rights to examine audit, excerpt, and transcribe any books, documents, papers, records, etc., and accounting procedures and practices of the SWCD which are relevant to the contract.

K. INDEMNITY

The SWCD and the Watershed District mutually agree, to the fullest extent permitted by law, to indemnify and hold each other harmless for any and all damages, liability or cost (including reasonable attorneys' fees and costs of defense) arising from their own negligent acts, errors or omissions in the performance of their services under this agreement, to the extent each party is responsible for such damages and losses on a comparative basis of fault. Parties agree to provide proof of contractual liability insurance upon request. This paragraph does not diminish, with respect to any third party, any defense, immunity or liability limit that the SWCD or the Watershed District may enjoy under law.

L. INDEPENDENT CONTRACTOR

It is agreed that nothing herein contained is intended or should be construed in any manner as creating or establishing the relationship of co-partners between the parties hereto or as constituting the SWCD as the agent, representative, or employee of Watershed District for any purpose or in any manner whatsoever. The SWCD is to be and shall remain an independent contractor with respect to all services performed under this Agreement.

The SWCD represents that it has, or will secure at its own expense, all personnel required in performing services under this Agreement. Any and all personnel of the SWCD or other person, while engaged in the performance of any work or services required by the SWCD under this Agreement, shall have no contractual relationship with the Watershed District and shall not be considered employees of the Watershed District.

M. MODIFICATIONS

Any material alteration or variation shall be reduced to writing as an amendment and signed by the parties. Any alteration, modification, or variation deemed not to be material by written agreement of the SWCD and the Watershed District shall not require written approval.

N. MERGER

It is understood and agreed that the entire agreement of the parties is contained here, except as modified during the term of the Agreement by a writing under Paragraph M above concerning a non-material change, and that this contract supersedes oral agreements and negotiations between the parties relating to this subject matter. All items referred to in this contract are incorporated or attached and deemed to be part of the contract.

O. TERMINATION

Either the SWCD or the Watershed District may terminate this Agreement with or without cause by giving the other party ninety (90) days written notice prior to the effective date of such termination. If the Watershed District terminates this Agreement, it may specify work to be performed by the SWCD before termination is effective and shall pay the SWCD for services performed by the SWCD up to the time specified for termination. If the SWCD terminates the Agreement, it will not be compensated for part completion of a task except to the extent part completion has value to the Watershed District.

P. OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

All property of the Watershed District used, acquired or created in the performance of work under this Agreement, including documents and records of any kind, shall remain the property of the Watershed District. The Watershed District shall have the sole right to use, sell, license, publish, or otherwise disseminate any product developed in whole or in part during the performance of work under this Agreement.

**2025 SERVICE AGREEMENT
BETWEEN
RAMSEY COUNTY
AND RAMSEY- WASHINGTON METRO WATERSHED DISTRICT
RWMWD BMP COST-SHARE PROGRAM**

IN TESTIMONY WHEREOF the parties have duly executed this agreement by their duly authorized officers.

APPROVED:

Watershed District

Ramsey County

BY: _____
RWMWD Administrator Date

BY: _____
County Manager Date

BY: _____
Parks and Recreation Director Date

Approved as to form:

BY: _____
County Attorney Date

EXHIBIT A

2025 RWMWD BMP COST-SHARE PROGRAM

TASKS

1. Project Oversight

All work performed by the SWCD will be at the direction of the RWMWD staff.

2. Landowner Outreach

Targeted and broad-based outreach techniques will be implemented through a coordinated effort of the RWMWD and SWCD. Outreach will be coordinated with educational efforts by the RWMWD.

3. Project Database

Project information will be maintained by the RWMWD. Information on assistance provided by the SWCD will be regularly communicated to the RWMWD staff Coordinator.

4. Respond to inquiries from the public

The RWMWD will act as the primary and first responder to inquiries from the public regarding the BMP Program. The SWCD and the RWMWD will jointly provide responses to the public regarding general program information, program eligibility, best management practice information, and general watershed information.

5. Site Reviews and Project Evaluation

Initial site visits, follow-up reviews and subsequent site visits of potential BMP implementation sites will be conducted under this contract. Other activities will include: assessing BMP options which will adequately address the problem, discussing BMP alternatives with landowners, and promoting implementation of BMPs. SWCD will assist program applicants with identification of supplemental funding sources if needed. Educational materials will be distributed during the site visit.

6. BMP Design and Contractor Assistance

The SWCD will coordinate BMP design assistance. Design support will be provided by SWCD technical resources and/or obtaining assistance from an appropriate technical agency, organization, or the Watershed District. SWCD will assist landowners with obtaining qualified contractors to install BMPs if requested.

7. Construction Monitoring (Site inspections)

The SWCD will monitor construction activities to verify proper implementation of BMPs.

8. Miscellaneous Services

Other services may be provided as requested by the Watershed District to implement and carry out the Program.

EXHIBIT B

FEE SCHEDULE

Services in Exhibit A are billed on an hourly basis at the rate of \$80.00 per hour, for all SWCD staff.

Permit Program

Permit Application Coversheet

Date December 11, 2024

Project Name St. Paul Flandreau-Case Pond Improvements Project Number 24-50

Applicant Name Aaron Hass, City of St. Paul Public Works

Type of Development Water Quality

Property Description

This project is located at Sackett Park, south of the East Side Boys and Girls Club in the City of St. Paul. The applicant is proposing to complete water quality and flood control improvements to an existing wetland that is currently utilized as a stormwater management basin. Work will include regrading, replacement of an existing outlet and overflow, construction of a pretreatment basin, construction of an iron-enhanced sand filtration bench, tree removal, and native planting installation. No impervious area is proposed as a result of this project so permanent stormwater treatment is not required. The city is requesting to bank 32,234 cubic feet of volume reduction credit as a result of storage provided within the iron-enhanced sand filter. The project includes alteration of the 100-year floodplain, however a flood mitigation benefit is being provided as a result of the project. The 100-year water surface elevation downstream, within a flood-prone area, will decrease by nearly 1 foot after the project is complete. The City of St. Paul administers the Wetland Conservation Act (WCA) within city limits. A wetland delineation was approved in December 2023, and a subsequent no-loss decision was approved in August 2024. Since work will be taking place within the wetland, a variance request for temporary wetland and buffer disturbance is included with the grading permit application.

Watershed District Policies or Standards Involved:

- | | |
|--|---|
| <input checked="" type="checkbox"/> <i>Wetlands</i> | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input checked="" type="checkbox"/> <i>Stormwater Management</i> | <input checked="" type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site.

Water Quality Considerations

Short Term

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

Long Term

The proposed stormwater management plan is sufficient to protect the long-term quality of downstream water resources.

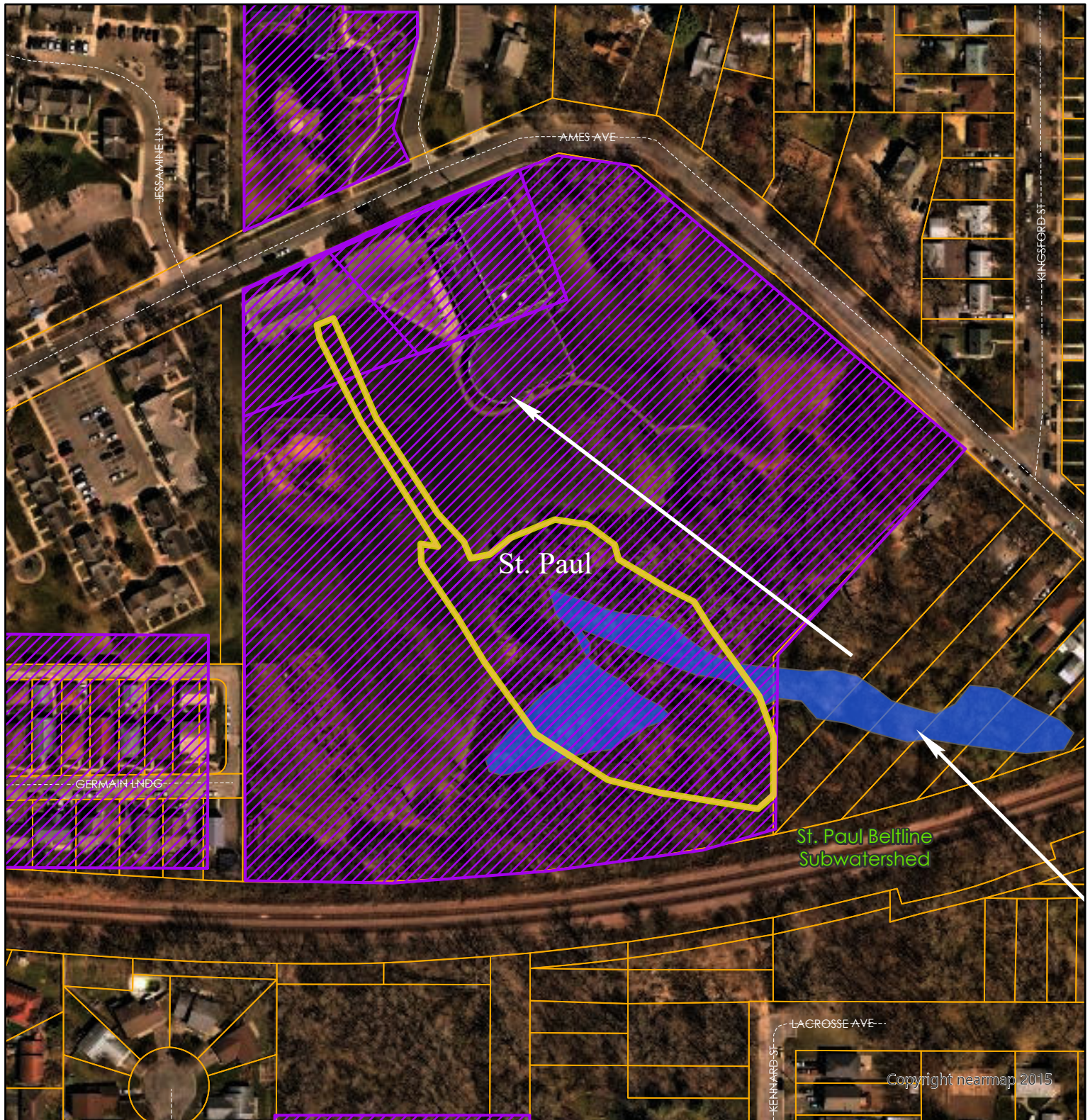
Staff Recommendation

Staff recommends approval of this permit with the special provisions and variance request (Rule E).

Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan

#24-50 St. Paul Flandreau-Case Pond Improvements



Wetlands

- Manage A
- Manage B
- Manage C
- Lake
- Sediment Pond
- Not Assessed

Flow Arrows

Roads

Permits

Cities

Subwatersheds

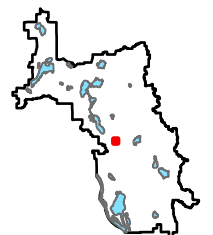
Ramsey Co Parcels

RWMWD Boundary

Highlighted Areas
Represent Active Permit

0 0.03 0.06 Miles

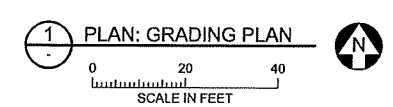
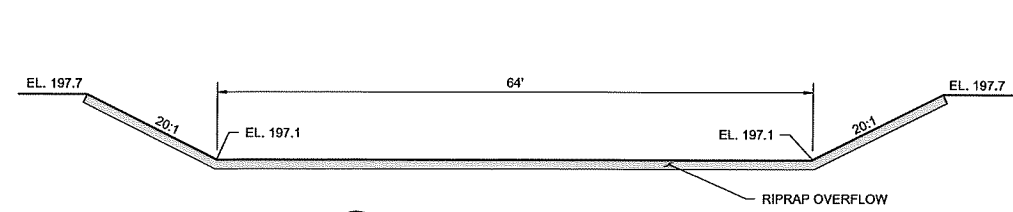
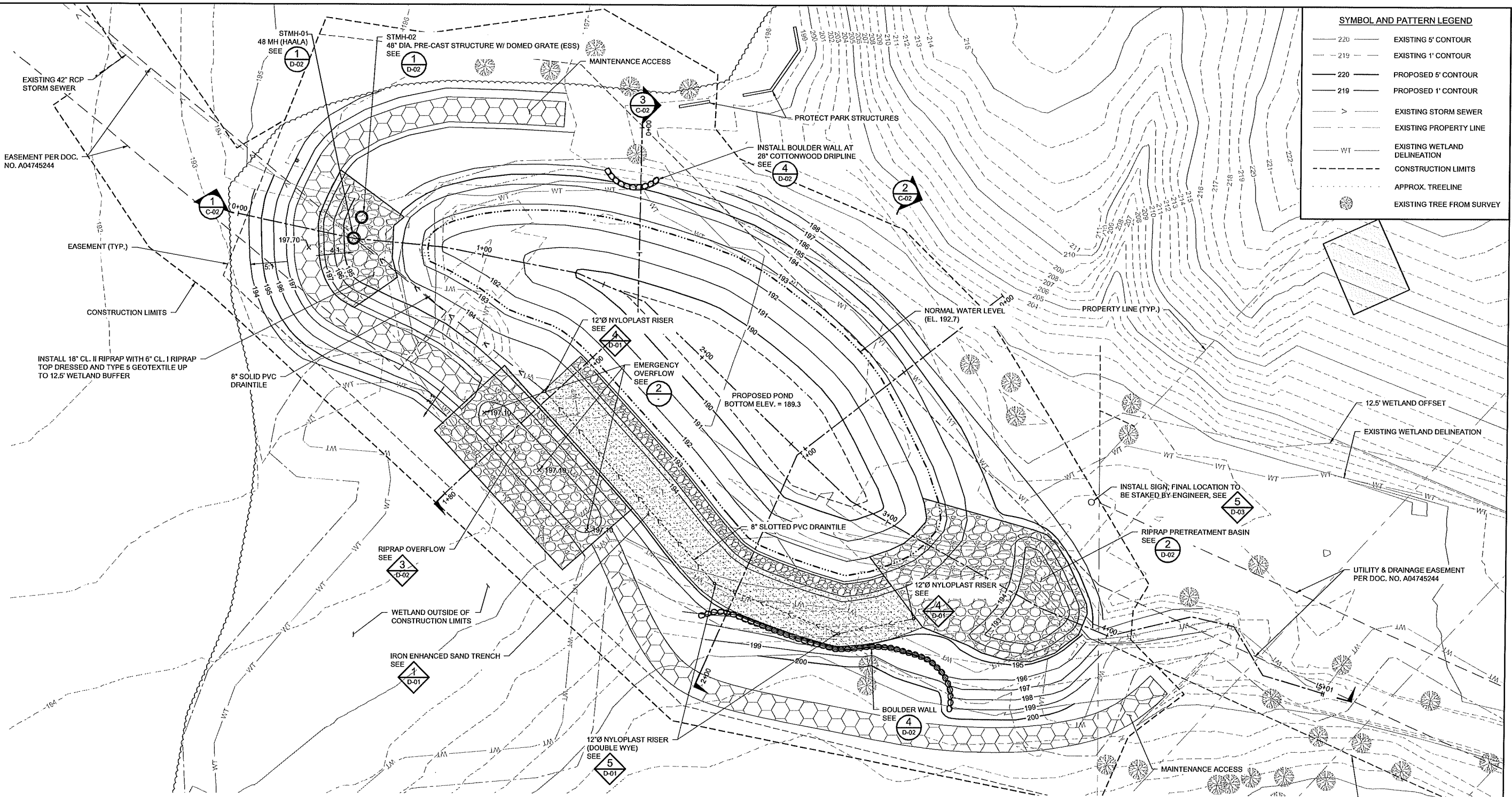
0 150 300 US Feet



Special Provisions

1. The applicant shall add notes to the plans:
 - A. The specified erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction.
 - B. Notify Mary Fitzgerald, Ramsey-Washington Metro Watershed District, at 651-792-7956 prior to beginning construction activity to schedule an initial erosion control inspection.
 - C. Notify Mary Fitzgerald, Ramsey-Washington Metro Watershed District, at 651-792-7956 at least 48 hours prior to installation of the iron-enhanced sand filter basin.
 - D. Keep iron-enhanced sand filter basin protected from construction activity, compaction, and clogging by sediment. Basin should remain offline if possible until all contributing areas are permanently restored.
2. The applicant shall add the 100-year water surface elevation to the grading plan.
3. The applicant shall specify redundant perimeter control on the erosion control plan where disturbance is taking place within 50' of a wetland, focusing on protection of wetland areas that are to remain undisturbed during the project.
4. The applicant shall submit the final, signed plans set.
5. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).
6. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.

SYMBOL AND PATTERN LEGEND	
	EXISTING 5' CONTOUR
	EXISTING 1' CONTOUR
	PROPOSED 5' CONTOUR
	PROPOSED 1' CONTOUR
	EXISTING STORM SEWER
	EXISTING PROPERTY LINE
	EXISTING WETLAND DELINEATION
	CONSTRUCTION LIMITS
	APPROX. TREELINE
	EXISTING TREE FROM SURVEY



NOTE:
ALL PVC SHALL BE
SMOOTH-WALLED SDR26.

ISSUED FOR BID

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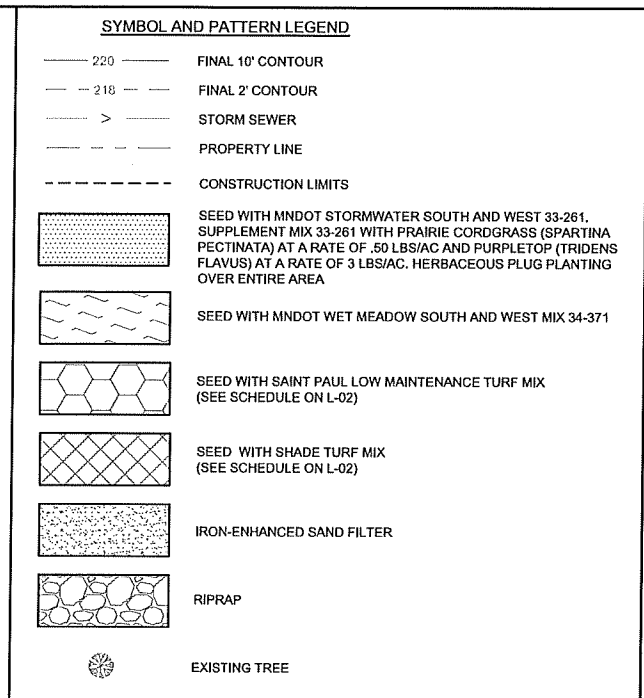
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BASIN HERBACIOUS PLUG PLANTING

Common Name	Scientific Name	Quant.	Sp/ing	Size
Forbes				
Swamp Milkweed	<i>Asclepias incarnata</i>	36	2 O.C.	Phig
White Wild Indigo	<i>Baptisia alba</i>	12	2 O.C.	Phig
Boltonia	<i>Boltonia asteroides</i>	18	2 O.C.	Phig
Turtlehead	<i>Chelone glabra</i>	24	2 O.C.	Phig
Joe Pye Weed	<i>Eupatorium maculatum</i>	18	2 O.C.	Phig
Sneezeweed	<i>Helenium autumnale</i>	18	2 O.C.	Phig
Blue Flag Iris	<i>Iris versicolor</i>	24	2 O.C.	Phig
Prairie Blazing Star	<i>Liatris pycnostachya</i>	24	2 O.C.	Phig
Blue Lobelia	<i>Lobelia siphilitica</i>	24	2 O.C.	Phig
Foxglove Beardtongue	<i>Penstemon digitalis</i>	18	2 O.C.	Phig
Obedient Plant	<i>Physostegia virginiana</i>	12	2 O.C.	Phig
Virginia mountain-mint	<i>Pycnanthemum virginianum</i>	18	2 O.C.	Phig
Brown-Eye-Susan	<i>Rudbeckia hirta</i>	18	2 O.C.	Phig
Grass-Leaved Goldenrod	<i>Solidago graminifolia</i>	18	2 O.C.	Phig
Heath Aster	<i>Symphoricaricum ericoides</i>	18	2 O.C.	Phig
Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	12	2 O.C.	Phig
Culver's Root	<i>Veronicastrum virginicum</i>	36	2 O.C.	Phig
Golden alexander	<i>Zizia aurea</i>	24	2 O.C.	Phig
Grasses/Sedges				
Bebb's Oval Sedge	<i>Carex bebbii</i>	24	2 O.C.	Phig
Bottlebrush Sedge	<i>Carex comata</i>	84	2 O.C.	Phig
Awl-Fruited Sedge Seed	<i>Carex stipata</i>	36	2 O.C.	Phig
Fox Sedge	<i>Carex vulpinoidea</i>	84	2 O.C.	Phig
Woodgrass	<i>Scirpus operinus</i>	24	2 O.C.	Phig

1. PLANTING SHALL CONFORM TO MNDOT SPEC 2571, PLANT INSTALLATION AND ESTABLISHMENT, EXCEPT AS INDICATED OTHERWISE IN THE PLANTING SHEETS.
2. INFORM THE LANDSCAPE ARCHITECT OF PLANTING TWO DAYS PRIOR TO PLANT DELIVERY.
3. CONTRACTOR SHALL COORDINATE LAYOUT OF ALL PLANTS WITH DIRECTION OF LANDSCAPE ARCHITECT IN THE FIELD.
4. PLACE SHREDDED HARDWOOD MULCH (MNDOT SPEC 3882.2 TYPE 6 - WEED SUPPRESSIVE SHREDDED HARDWOOD), TO A RADIUS OF 24" AND TO A DEPTH OF 3" AROUND EACH TREE.
5. SEE SHEET L-02 FOR SHRUB AND TREE PLANTING DETAILS.
6. CONTRACTOR SHALL POTHOLE AND HAVE LOCATED BY GOPHER ONE ALL EXISTING UTILITIES LOCATED WITHIN THE PROJECT LIMITS BEFORE EARTHWORK BEGINS.
7. PROTECT EXISTING CURBS, PAVEMENT, SIDEWALKS, AND OTHER SITE ELEMENTS FROM IMPACT BY SOIL PREPARATION, CONCRETE, AND PLANTING OPERATIONS. AVOID COMPACTING SOIL WITH HEAVY EQUIPMENT, ANY DAMAGE TO SITE TO BE REPAIRED AT CONTRACTOR'S EXPENSE.
8. CONTRACTOR WILL BE RESPONSIBLE FOR WATERING PLANTS (REGARDLESS OF NOTIFICATION) DURING ENTIRE WARRANTY PERIOD. CONTRACTOR WILL WATER PLANTS WITHIN 24 HOURS OF RECEIPT OF NOTIFICATION FROM OWNER. WATERING WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. OWNER SHALL MAKE WATER AVAILABLE FOR THE CONTRACTOR TO USE.

1. ANY GRASS OR WEEDS WITHIN THE PLANTING BED AREAS SHALL BE SPRAYED WITH HERBICIDE 14 DAYS PRIOR TO SEEDING.
2. ALL HERBICIDE APPLICATION SHALL BE APPLIED BY A LICENSED APPLICATOR WITHIN THE STATE OF MINNESOTA.
3. SOIL LOSING AND/OR RIPPING TO A DEPTH OF 12 INCHES SHALL OCCUR PRIOR TO PLACEMENT OF SEED. CONTRACTOR IS TO TAKE CARE TO AVOID UTILITIES AND TREE ROOTS.
4. IMMEDIATELY AFTER SEEDING, TWO 8 MULCH MATERIAL SHALL BE APPLIED OVER ENTIRE SEEDING AREAS AND DISC-ANCHORED IN ACCORDANCE WITH MNDOT STANDARD SPECIFICATION 3882.
- 4.1. THE RATE OF APPLICATION SHALL BE 25 TONS PER ACRE
5. SOD ALL DISTURBED AREAS OUTSIDE OF SEEDING AREA.

1. SEEDING AREAS SHALL BE FREE OF DEAD OR DYING PATCHES LARGER THAN ONE SQUARE FOOT FOR ENTIRETY OF WARRANTY OF PLANTING WORK. SEE SPECIFICATION 32-93-00 HERBACEOUS PLANT ESTABLISHMENT.
2. CONTRACTOR WILL BE RESPONSIBLE FOR WATERING PLANTS (REGARDLESS OF NOTIFICATION) DURING A ONE YEAR WARRANTY PERIOD. WATERING WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
3. ONCE A MONTH (MAY THROUGH OCTOBER) DURING WARRANTY PERIOD CONTRACTOR SHALL INSPECT FOR INVASIVE WEED ENCROACHMENT, DEAD PLANTS AND EROSION PROBLEMS.
4. UPON DISCOVERY OF INVASIVE SPECIES DURING SCHEDULED INSPECTIONS CONDUCT HERBICIDE AND/OR MANUAL TREATMENTS FOR WEED CONTROL.

Scale	AS SHOWN
Date	10/11/2024
Drawn	BHD
Checked	NDS
Designed	BARR
Approved	NDC

BARR PROJECT No. 23/62-1237.00	
CLIENT PROJECT No. 24-S-2090	
DWG. No. L-01	REV. No. 0



SAINT PAUL
PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS
SEAN KERSHAW, DIRECTOR

25 West 4th Street, 700 City Hall Annex
Saint Paul, MN 55102
Tel: 651-266-6234

November 6, 2024

Nicole Maras
Regulatory Program Manager
Ramsey Washington Metro Watershed District
2665 Noel Drive
Little Canada, MN 55117

Re: Variance Request for Rule E Wetland Management for the Flandrau Case Stormwater Pond Improvements Project

Dear Nicole Maras:

The City of Saint Paul Public Works Sewer Utility (City) is applying for a District permit for the Flandrau-Case Stormwater Pond Improvements Project. The project is located southwest of the intersection of Ames Ave. E. & Kingsford St. and north of the Chicago, St. Paul, Minneapolis, and Omaha Railroad. The Site is owned by the City of Saint Paul.

The project involves the reconstruction of an existing stormwater pond, with site grading, installation of an iron enhanced sand filter, and storm sewer modifications to the pond.

The proposed work will take place within a wetland. The delineated wetland boundaries and types within the proposed project area were previously approved in 2017, updated in 2023, and approved on December 19, 2023, by the City of Saint Paul Water Resource Coordinator, who is the local government unit responsible for administration of the Minnesota Wetland Conservation Act (WCA) for projects in Saint Paul. In addition, a wetland delineation concurrence letter was submitted by the U.S. Army Corps of Engineers (USACE) on January 30, 2024.

The RWMWD no-disturb wetland buffers apply to this project. A variance from Rule E will be needed for the wetland buffer disturbance. The RWMWD classification for this wetland (MNRAM ID 62-029-22-27-001-A) is Manage C, which requires a minimum buffer width of 12.5' and a 25' average buffer width. Avoiding the wetland and adjacent buffer is not possible due to the nature of the project being located within the wetland and buffer. However, the project will result in an improvement to the wetland and its associated buffer in the final condition as follows:

- The existing seasonally flooded/wet meadow wetland communities within the project area are dominated with non-native invasive species including reed canary grass and common buckthorn. The site will be restored with native vegetation, which will improve the vegetative diversity and integrity of the wetland and adjacent upland buffer. The proposed improvements to the pond and adjacent buffer will improve aesthetics of the wetland and surrounding buffer area and encourage the adjacent Boys and Girls Club to utilize the space for educational activities.
- The disturbed wetland and adjacent upland areas will be seeded by a qualified contractor with native seed mixes, providing cover of native grasses, sedges, rushes, forbs, and trees. See Planting Plan Sheet L-01.

CITY OF SAINT PAUL
MELVIN CARTER, MAYOR

**AN AFFIRMATIVE ACTION &
EQUAL OPPORTUNITY EMPLOYER**

STPAUL.GOV

Need this translated? Call us at 651-266-6100.
¿Necesita esta traducción? Comuníquese con nosotros al 651-266-6100.
Ma u baahan tahay tarjamadaan Nago soo wac 651-266-6100.
Xav tau qhov no txhais los? Hu rau peb ntawm 651-266-6100.





SAINT PAUL
PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS
SEAN KERSHAW, DIRECTOR

25 West 4th Street, 700 City Hall Annex
Saint Paul, MN 55102
Tel: 651-266-6234

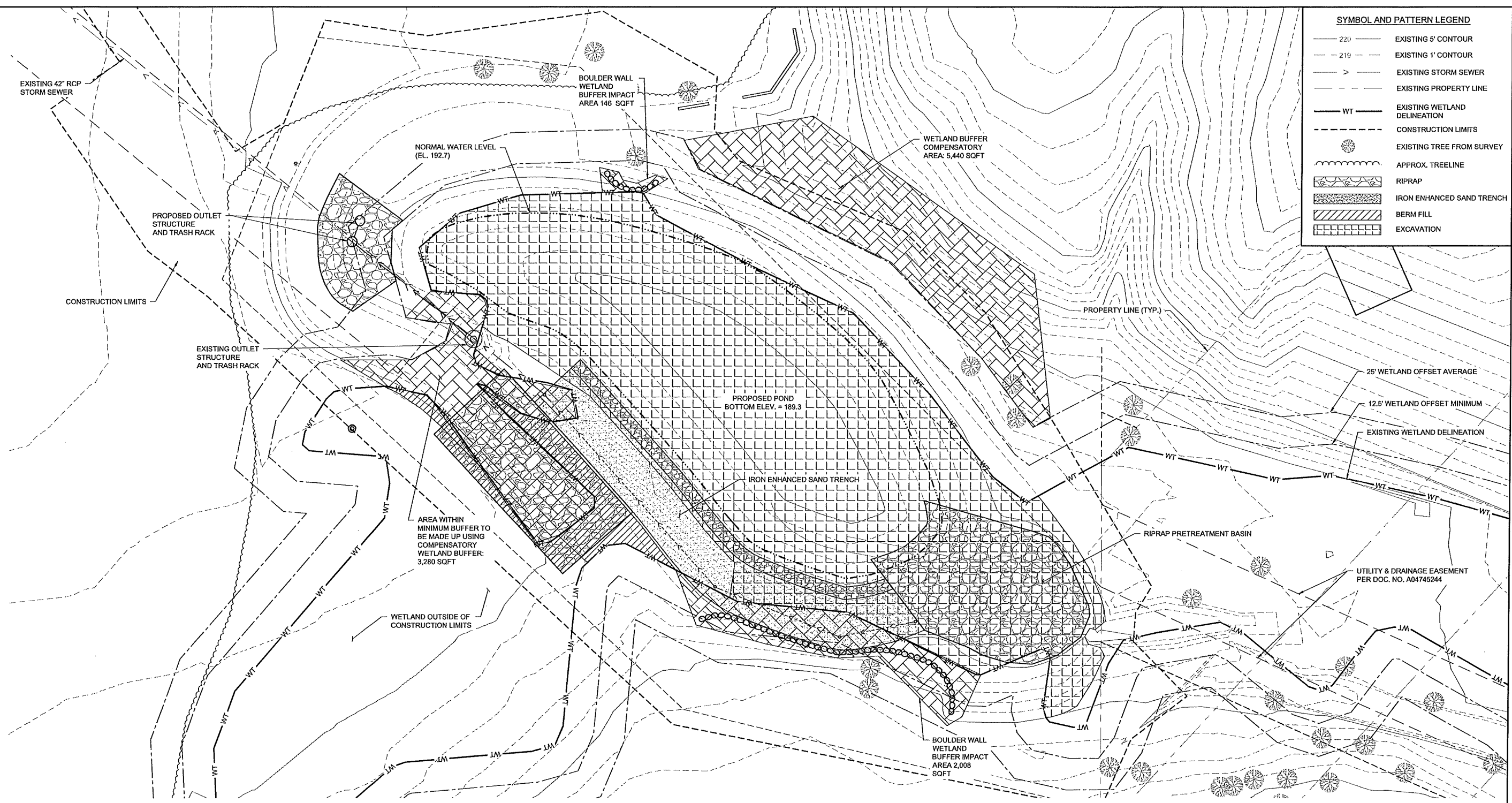
- The reinforced maintenance access path will be seeded with non-native species. The preliminary project plans initially included a bituminous maintenance access path, which was partially located within the RWMWD required minimum and average buffer areas. Comments received from Nicole Soderholm on July 10, 2019, indicated that a reinforced turf maintenance access is preferred over a bituminous trail, because it would not require permanent stormwater treatment (District Rule C) and would not result in a permanent wetland buffer impact per District Rule E. Therefore, the project plans were revised to utilize a reinforced turf maintenance access path instead of a bituminous access path. Maintenance access is needed to allow vehicle traffic (generally a pickup truck) approximately twice/year to access the storm pond and inlet structure for clean-out and sediment removal. Where possible, the access path is proposed to be located beyond the wetland buffer area. However, due to existing slopes, the wetland buffer cannot be completely avoided. The shade turf seed mix designated for this reinforced turf access includes several non-native fescue species. While the use of a non-native seed mix within the RWMWD buffer areas does not strictly comply with RWMWD Rule E 3. (d)(7)(i), this fescue seed mix was specified in the project plans because a native seed mix would likely not thrive within the conditions of the reinforced access. The fescue species in the seed mix are sterile and will not spread beyond the access path. Mowing will only be required once or twice per year and vehicle traffic will be minimal. Installing this reinforced access path will provide a stable vegetation base for the maintenance vehicle access and will prevent soil rutting and vegetation disturbance. While the non-native reinforced turf doesn't strictly comply with the RWMWD rule, it is the least environmentally damaging practicable method of providing access for storm pond and inlet maintenance activities while maintaining full coverage of perennial vegetation within the buffer.
- After the project is completed, the minimum 12.5' width buffer from the edge of the delineated wetland will be met except for two areas of boulder wall and a portion of the berm fill, which will include riprap. The boulder walls are necessary to protect existing high quality trees and will be placed near the drip line. They cannot be moved out of the buffer without impacting the water quality performance of the pond or removing high quality trees. The riprap berm fill is required for stabilization and protection of wetland areas during storm events. A total of 5,440 square feet of compensatory wetland buffer will be provided at the northeast portion of the project area to meet the average 25' width requirement (Figure 1).

Due to the nature of the project, since complete avoidance is not possible, the project has been designed to improve the existing conditions of the wetland and associated upland buffer to the extent practicable. Therefore, a variance of the wetland and buffer Rule E is requested.

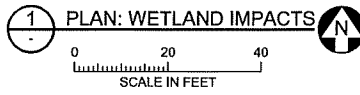
The City has appreciated working with the District since 2017 on planning and designing of this project to improve water quality and reduce flooding. Please let me know if you have any questions on this variance request. Thank you for time and considerations.

Sincerely,

Aaron Hass, P.E.
Civil Engineer IV
Saint Paul Public Works Sewer Utility
Phone: 651-485-2262
Email: aaron.hass@ci.stpaul.mn.us



SYMBOL AND PATTERN LEGEND	
	EXISTING 5' CONTOUR
	EXISTING 1' CONTOUR
	EXISTING STORM SEWER
	EXISTING PROPERTY LINE
	EXISTING WETLAND DELINEATION
	CONSTRUCTION LIMITS
	EXISTING TREE FROM SURVEY
	APPROX. TREELINE
	RIPRAP
	IRON ENHANCED SAND TRENCH
	BERM FILL
	EXCAVATION



WETLAND IMPACTS	AREA (SQ. FT.)
RIPRAP	5,484
IRON ENHANCED SAND TRENCH	3,648
EXCAVATION	24,151
BERM/FILL	1,526

CADD USER: Garret W. Becker FILE: M:\DESIGN\2621237_002621237_WF-01_WETLAND IMPACTS_BUFFER.DWG PLOT SCALE: 1/2"=1' PLOT DATE: 10/11/2024 9:28 AM
BARR: 10/11/2024 10:05:50
BARR: 10/11/2024 10:05:50

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

Project Office:
BARR ENGINEERING CO.
4300 MARKETPOINTE DRIVE
Suite 200
MINNEAPOLIS, MN 55435
Ph: 1-800-632-2277
Fax: (612) 832-2601
www.barr.com

MEMORANDUM

Date: December 11, 2024
To: RWMWD Board of Managers
From: Nicole Maras, Regulatory Program Manager
Subject: Request for Board Action/Consideration– Ramsey County Bruce Vento Trail WCA Wetland Replacement Plan

Ramsey County Parks & Recreation submitted a signed wetland replacement plan application to RWMWD on 11/14/24. The replacement plan is related to the proposed Bruce Vento Trail 2.7-mile extension project near Highway 61, from approximately Buerkle Road to north of County Road F in the cities of White Bear Lake, White Bear Township, Gem Lake, and Vadnais Heights. The northern two-thirds of the proposed segment is located in Vadnais Lake Area Water Management Organization (VLAWMO) and is being permitted separately through WCA.

In a previous iteration of design, the applicant proposed 0.06 acre of impacts to 'Wetland C,' a DNR Public Water. In the current revised application, impacts proposed are 0.02 acre (715 square feet) and occurring above the estimated Ordinary High Water Level (OHWL) of Wetland C. Per Attachment D, mitigation at a 2:1 ratio is proposed through the purchase of wetland bank credits. Additional project information and alternatives are discussed in the enclosed application for board consideration.

A Technical Evaluation Panel (TEP) meeting was held on 12/4/24 with staff from RWMWD, DNR, BWSR, and Ramsey County. TEP discussion points and requests for additional information are summarized below:

- The applicant went through an alternatives analysis process with the DNR. DNR generally prohibits filling in public waters (below the OHWL) for the purposes of roadways or pathways, so the applicant revised the design to include two bridge sections in order to eliminate impacts below the OHWL and reduce overall impacts to the wetland by 0.04 acre.
- Sheet 39 of the construction plans shows an area labeled wetland and floodplain mitigation, so it's unclear to what extent onsite project-specific mitigation was considered (or ruled out). Remove the wetland mitigation label if not proposing onsite replacement.
- It appears the trail varies between 12-14' width. How was the minimum width determined, and is there opportunity to narrow the trail in the area of Wetland C to avoid impacts altogether? Include in alternatives discussion.
- Property ownership is often an important consideration for project-specific mitigation because achieving success involves long-term access, maintenance, and monitoring. In the vicinity of Wetland C, the plan sheets show some parcels labeled as being owned by Met Council and the City of White Bear Lake. Would project-specific mitigation require easements, and who would be responsible for implementation?

- Request that the applicant submit bridge abutment construction detail(s).
- TEP members completed a delineation review of the wetland on 7/17/24 and noted the vegetation was primarily invasive cattail and reed canary grass. Achieving necessary vegetation standards related to onsite mitigation would be difficult.
- TEP generally agreed on the project purpose/need as well as the sequencing information provided related to avoidance, minimization, etc. and was encouraged to see the reduction in impacts from the previously proposed design.

Requested Board Action:

The RWMWD Board of Managers is responsible for taking action on WCA replacement plan applications. A RWMWD grading permit has not yet been submitted for the project, but that will come before the board at a later date. Coordination with the county and their engineering consultant is ongoing. The applicant is requesting approval of the wetland replacement plan ahead of that future submittal for planning purposes and to further refine the design. The board may elect to approve, deny, or table the application pending submittal of additional information.

Minnesota Wetland Conservation Act Notice of Application

Local Government Unit: Ramsey-Washington Metro Watershed District (RWMWD)	County: Ramsey
Applicant Name: Scott Yonke (Ramsey County Parks & Recreation)	
Applicant Representative: Aaron Stolte (Kimley-Horn)	
Project Name: Bruce Vento Trail Replacement Plan (Revised)	
LGU Project No. (if any): 24-32 WCA	
Date Complete Application Received by LGU: 11/14/2024	
Date this Notice was Sent by LGU: 11/15/2024	
Date that Comments on this Application Must Be Received By LGU¹: 12/10/2024	

¹ minimum 15 business day comment period for Boundary & Type, Sequencing, Replacement Plan and Bank Plan Applications

WCA Decision Type - check all that apply

<input type="checkbox"/> Wetland Boundary/Type	<input type="checkbox"/> Sequencing	<input checked="" type="checkbox"/> Replacement Plan	<input type="checkbox"/> Bank Plan (not credit purchase)
<input type="checkbox"/> No-Loss (8420.0415)		<input type="checkbox"/> Exemption (8420.0420)	
Part: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H		Subpart: <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	

Replacement Plan Impacts (replacement plan decisions only)

Total WCA Impact Area Proposed: 0.02 acre (715 square feet)
--

Application Materials

<input checked="" type="checkbox"/> Attached <input type="checkbox"/> Other ¹ (specify):

¹ Link to ftp or other accessible file sharing sites is acceptable.

Comments on this application should be sent to:

LGU Contact Person: Nicole Maras
E-Mail Address: nicole.maras@rwmwd.org
Address and Phone Number: 2665 Noel Drive, Little Canada MN 55117 651-792-7976
Decision-Maker for this Application:
<input type="checkbox"/> Staff <input checked="" type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other (specify):

Notice Distribution (include name)

Required on all notices:

<input checked="" type="checkbox"/> SWCD TEP Member: Alexis Lipstein (Ramsey County)	<input checked="" type="checkbox"/> BWSR TEP Member: Ben Meyer
<input type="checkbox"/> LGU TEP Member (if different than LGU contact):	
<input checked="" type="checkbox"/> DNR Representative: Dan Scollan	
<input checked="" type="checkbox"/> Watershed District or Watershed Mgmt. Org.: Mary Fitzgerald/Kendra Kloth (RWMWD), Brian Corcoran (VLAWMO)	
<input checked="" type="checkbox"/> Applicant (notice only): Ben Karp (Ramsey County Parks)	
<input checked="" type="checkbox"/> Agent/Consultant (notice only): Greg Brown/Susan Mayer/Ron Leaf (Kimley-Horn)	

Optional or As Applicable:

<input checked="" type="checkbox"/> Corps of Engineers:
<input type="checkbox"/> BWSR Wetland Mitigation Coordinator (required for bank plan applications only):
<input type="checkbox"/> Members of the Public (notice only): <input type="checkbox"/> Other

Signature: <i>Nicole Maras</i>	Date: 11/15/2024
--	-------------------------

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.

PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name: Scott Yonke
Mailing Address: 2015 Van Dyke St. Maplewood, MN 55109
Phone: 651-266-0370
E-mail Address: scott.yonke@co.ramsey.mn.us

Agent Name: Aaron Stolte
Mailing Address: 767 Eustis Street, Suite 100, St. Paul MN 55114
Phone: 612-326-9510
E-mail Address: Aaron.stolte@kimley-horn.com

PART TWO: Site Location Information

County: Ramsey
City/Township: White Bear Lake, White Bear Township, Gem Lake, and Vadnais Heights
Parcel ID and/or Address: Buerkle Road and BNSF railway to intersection of Hoffman Road and Highway 61
Legal Description (Section, Township, Range): Sections 22, 23, 27, and 34 of Township 30N, Range 22W
Lat/Long (decimal degrees): 45.0581889, -93.0302273

Attach a map showing the location of the site in relation to local streets, roads, highways. See **Appendix A**

Approximate size of site (acres) or if a linear project, length (feet): Approximately 2.7 miles

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted **prior to** this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

Proposed Project

The Bruce Vento Regional Trail project would extend the existing trail approximately 2.7 miles from Buerkle Road to U.S. Highway 61 (US 61), construct trail underpasses at County Road E and US 61 (all other road crossings at-grade), and reconstruct a portion of Hoffman Road. The proposed trail cross-sectional width is 12 feet. This project is "Phase 1" of Ramsey County's broader plan to extend the Bruce Vento Regional Trail to the northern County limits (more information about project here: <https://www.ramseycounty.us/residents/parks-recreation/planning-construction-restoration/bruce-vento-regional-trail-extension-%E2%80%93-buerkle-road-whitaker-street>). The alignment of the trail largely follows an adjacent Minnesota Commercial Railway rail line, owned by BNSF. The extension project will connect several neighborhoods to the existing Bruce Vento Regional Trail, promoting the regional recreational amenity.

Project Purpose

The purpose of the project is to extend an existing bicycle and pedestrian trail and address a gap in the regional trail system.

Project Need

The Bruce Vento Regional Trail is an important pedestrian/bicycle connection between several cities in the northeast metro. The trail is a significant part of the Connected Ramsey Communities Network, as described in Ramsey County's 2015 Pedestrian and Bicycle Plan. The Bruce Vento Trail is also a Tier 1 Regional Bicycle Transportation Network (RBTN) connection designated by the Met Council and designated as US Bike Route 41 in the national trail system.

Equity

The corridor in White Bear Lake is currently a gap in the RBTN where there are low income and minority populations in the vicinity, as well as populations of elderly and children. As identified in Ramsey County's 2015 Pedestrian and Bicycle Plan, forty percent of Minnesotans are unable to drive due to youth, old age, income, or disability. Residents who do not have the ability to drive or do not have access to vehicles face disadvantages in accessing employment, school, healthcare, and other community services when they have insufficient transportation options, including bicycling and walking.

Safety

There is no current off-road or protected option for pedestrians and bicyclists in this location. Pedestrians and bicyclists that intend to travel north in this area must currently use Buerkle Road and Highway 61, both high average daily traffic (ADT) corridors with no protected pedestrian or bicycle facilities. They must also cross high-volume roads at-grade including County Road E (18,300 ADT), Highway 61 (30,500 ADT), as well as Cedar Avenue (3,100 ADT) and County Road F (4,700 ADT). In the last 10 years, there have been 10 pedestrian and bicycle crashes involving vehicles on or near Highway 61 in this corridor. Two crashes involved serious injuries, seven involved minor/suspected injuries, and one was property damage only.

Proposed Aquatic Resource Impacts

A level 2 (field) delineation was conducted by Barr Engineering Co. in May 2024 for the project corridor. In total, three wetlands and two wet ditches were identified within the Bruce Vento Regional Trail project construction limits, with just one of the wetlands (Wetland C) located within the boundary of Ramsey-Washington Metro Watershed District (RWMWD). The remaining features are located within the boundary of Vadnais Lake Area Water Management Organization. Within RWMWD, the project is proposing permanent impacts to aquatic resources which are described below. A total of **0.02 acres (715 square feet)** of impact are anticipated as a result of this project. Impacted wetlands are listed in Part Four and shown in **Appendix C**. Temporary impacts are proposed within VLAWMO, submitted under a separate cover and shown in **Appendix C**.

Permanent Wetland Impacts

A total of **0.02 acres** of permanent wetland impact is expected to result from project construction as shown in **Appendix C**. The proposed permanent impacts are located within one wetland (Wetland C) and are due to the addition of fill material for construction of the trail. These impacts are anticipated to require mitigation under WCA.

Other Federal Considerations

The project received federal funding from the Federal Highway Administration (FHWA); thus FHWA is the lead federal agency for the project. Section 7 Consultation and Section 106 reviews are underway and will be provided to the Corps once they are completed.

MnDOT-Specific Additional Information**1. WCA CATEGORY** of the project that impacts waters and/or wetlands.

- a. ☐ Repair, rehabilitation, reconstruction or replacement of a currently serviceable existing public road necessary, as determined by the public road authority, to meet state, federal design or safety standards or requirements.
- b. ☐ Public transportation project involving new road or road expanded solely for additional traffic capacity lanes.
- c. ☒ Non-road project (e.g., trail, parking area, building expansion, interpretive sign).

2. ACTIVITIES AFFECTING WETLANDS. Check **all** that apply below.

- ☐ Shoulder repair
- ☐ Inslope repair
- ☐ Inslope flattening or extending
- ☐ Shoulder widening
- ☐ Shoulder widening with ditch grading
- ☐ Turn lane extension or construction
- ☐ Culvert work; replacement
- ☐ Culvert work; repair, extension, adding aprons or lining
- ☐ Bridge work; replacement
- ☐ Bridge work; repair
- ☐ Pond construction
- ☒ Other: Trail construction

3. PROPOSED TIMELINE:Project letting: (month/year) October 2024Approximate project start date: (month/year) November 2024Approximate project end date: (month/year) November 2025**4. FUNDING SOURCE:**

- ☒ Federal funding
- ☐ State-only funding

[MnDOT Office of Environmental Stewardship (OES) - Revised December 19, 2019]

PART FOUR: Aquatic Resource Impact¹ Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (wetland, lake, tributary etc.)	Type of Impact (fill, excavate, drain, or remove vegetation)	Duration of Impact Permanent (P) or Temporary (T) ¹	Size of Impact ²	Overall Size of Aquatic Resource ³	Existing Plant Community Type(s) in Impact Area ⁴	County, Major Watershed #, and Bank Service Area # of Impact Area ⁵
Wetland C	Wetland	Fill	Permanent	0.02 ac	N/A	Type 3	Ramsey, 20, BSA 7

¹If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".

²Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).

³This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".

⁴Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.

⁵Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

TOTAL PERMANENTLY IMPACTED WCA WETLAND AREA in acres (or square feet when less than 0.01 acre):

T1	T1L	FWM T2	SM T2	WMP T2	T3	T4	T5	T6	T7	T8
0	0	0	0	0	0.02	0	0	0	0	0

T1 = Seasonally flooded basin
T2 = Fresh wet meadow (FWM)
T3 = Shallow marsh
T6 = Shrub Carr or Alder thicket

T1L = Floodplain forest
T2 = sedge meadow (SM)
T4 = Deep marsh
T7 = Hardwood or Coniferous swamp

T2 = wet mesic prairie (WMP)
T5 = Shallow open water
T8 = Open bog

¹ The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

PART FIVE: Applicant Signature

☐ Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature:  _____ Date: _____

I hereby authorize Kimley-Horn to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.

Attachment B

Supporting Information for Applications Involving Exemptions, No Loss Determinations, and Activities Not Requiring Mitigation

Complete this part **if** you maintain that the identified aquatic resource impacts in Part Four do not require wetland replacement/compensatory mitigation OR **if** you are seeking verification that the proposed water resource impacts are either exempt from replacement or are not under CWA/WCA jurisdiction. Applicants are strongly encouraged to contact the WCA LGU and Corps Project Manager prior to submitting an application if they are unsure of what type of information to provide.

Wetland Conservation Act (WCA) BWSR

Outside the Scope of WCA. 8420.0105

☐ **Excavation.** Excavation in wetlands will not result in conversion to non-wetland (e.g. upland or deep water habitat more than 6.7 feet deep) – List of wetland basins impacted by excavation:

☐ **Incidental wetlands.** The activity will impact wetland areas that were created in non-wetland areas solely by actions, the purpose of which was not to create wetland (e.g. non-WCA wet ditches, stormwater ponds) – List of incidental wetlands with impacts:

☒ **Public Waters and Public Waters Wetlands.** The activity will **cross** DNR wetlands (for which the DNR is not waiving jurisdiction). – List of Public Waters and Public Waters Wetlands with impacts: Willow Marsh (Wetland C)

Attachment C

Avoidance and Minimization

Project Purpose, Need, and Requirements. Clearly state the purpose of your project and need for your project. Also include a description of any specific requirements of the project as they relate to project location, project footprint, water management, and any other applicable requirements. Attach an overhead plan sheet showing all relevant features of the project (buildings, roads, etc.), aquatic resource features (impact areas noted) and construction details (grading plans, storm water management plans, etc.), referencing these as necessary:

This information is provided in Part Three.

Avoidance. Both the CWA and the WCA require that impacts to aquatic resources be avoided if practicable alternatives exist. Clearly describe all on-site measures considered to avoid impacts to aquatic resources and discuss at least two project alternatives that avoid all impacts to aquatic resources on the site. These alternatives may include alternative site plans, alternate sites, and/or not doing the project. Alternatives should be feasible and prudent (see MN Rules 8420.0520 Subp. 2 C). Applicants are encouraged to attach drawings and plans to support their analysis:

No- Build Alternative

This alternative would avoid all wetland impacts; however, it would not meet the purpose and need of the proposed project to extend the Bruce Vento Regional Trail and address a gap in the regional trail system.

Alternatives Considered

The Bruce Vento Regional Trail corridor is 13 miles in length and extends from the east side of downtown Saint Paul to the north county line at County Road J in Ramsey County. The southern seven-mile segment of the regional trail was completed in 2005 from downtown Saint Paul to Buerkle Road in Ramsey County on former Burlington Northern Santa Fe (BNSF) railway. This project, Phase I of the Bruce Vento Regional Trail extension, is located between Buerkle Road and the intersection of Hoffman Road and Highway 61 in the cities of White Bear Lake, Vadnais Heights and White Bear Township. Phase I of the Bruce Vento Regional Trail extension was proposed to follow the same BNSF railway corridor as the existing trail; however, this section of railway has remained active.

As a result, a major planning effort was initiated in 2014 to determine an alternative three-mile trail alignment out of the railway right-of-way from Buerkle Road to Highway 96 in White Bear Lake in hopes of reducing the remaining gap for the Bruce Vento Regional Trail. This planning effort involved coordination with Cities along the corridor, the BNSF, and the public. This effort determined the alignment proposed for this project which would be situated parallel to the active BNSF railway.

Through coordination between Ramsey County, BNSF, and Minnesota Commercial Staff, it was determined that the trail must be constructed at least 50 feet away from the BNSF railroad centerline, making the Willow Creek Marsh parcel unavoidable.

Minimization. Both the CWA and the WCA require that all unavoidable impacts to aquatic resources be minimized to the greatest extent practicable. Discuss all features of the proposed project that have been modified to minimize the impacts to water resources (see MN Rules 8420.0520 Subp. 4):

- ☒ Steeper inslopes (0.5:1)
- ☐ Utilizing guardrail if necessary and meets design standards
- ☐ Lower vertical profiles
- ☐ "Broken back" inslopes for roads with a high vertical profile (over 10-12 feet)
- ☐ Reduced radius curves
- ☐ Reduce ditch widths
- ☐ Steeper backslopes
- ☐ Reducing muck excavation by using light weight fill, geotextile, surcharges, etc.
- ☐ Narrow shoulders (unless needed for bikes or pedestrians)
- ☐ Minimum safe sight distances to minimize the need for cut and fill
- ☐ Turn lanes instead of frontage roads

- ☐ Reduced design speed
- ☐ Designation as a “Natural Preservation Route” to allow reduced design standards in rare cases
- ☐ Constructing ditches so that wetland outlets are not lowered
- ☐ Ensuring that the location or design does not significantly reduce the contributing watershed of a wetland, resulting in changes to the hydrologic regime
- ☒ Using bridges rather than culverts
- ☒ Other (Discussed in bullets below)
 - Construction methods near Wetland C
 - Reduced boulevard width between proposed trail and Hoffman Road

Wetland impacts have been minimized to the extent practicable, including:

- Inslopes of the proposed trail segment near Wetland C have been reduced to 70 degrees (0.5:1) utilizing reinforced vegetated soil slopes to minimize fill placement in the wetland (**Appendix B**).
- **Two** 150-foot span bridges will be installed over **two portions** of Wetland C to minimize fill placement in the wetland. The **northern** bridge has been designed so the piles, reinforced vegetated slopes, and protective fencing will all be placed outside of Wetland C. **The abutments of the southern bridge will be result in areas of fill within WCA-regulated areas of Wetland C (Appendix B). The design of the southern bridge has reduced impacts to Wetland C by approximately 0.04 acre.**
- Temporary impacts to Wetland C will be minimized through construction techniques. Equipment for bridge construction will approach the wetland from the north and the south of the crossings. Heavy equipment will be kept out of the wetland and temporary fill pads will not be used in this area.
- The trail profile along Hoffman Road has been designed to provide a balance between the existing roadway grades and existing grade of the BNSF right-of-way. The trail will be installed on the west side of Hoffman Road, removing the existing shoulder of the road. The conversion of the existing shoulder to the trail will keep fill placement out of Wetland A and the wetland ditches that are present along Hoffman Road.

Off-Site Alternatives. An off-site alternatives analysis is not required for all permit applications. If you know that your proposal will require an individual permit (standard permit or letter of permission) from the U.S. Army Corps of Engineers, you may be required to provide an off-site alternatives analysis. The alternatives analysis is not required for a complete application but must be provided during the review process in order for the Corps to complete the evaluation of your application and reach a final decision. Applicants with questions about when an off-site alternatives analysis is required should contact their Corps Project Manager.

Alternatives for the Bruce Vento Regional Trail project are discussed above under **Avoidance**.

Attachment D

Replacement/Compensatory Mitigation

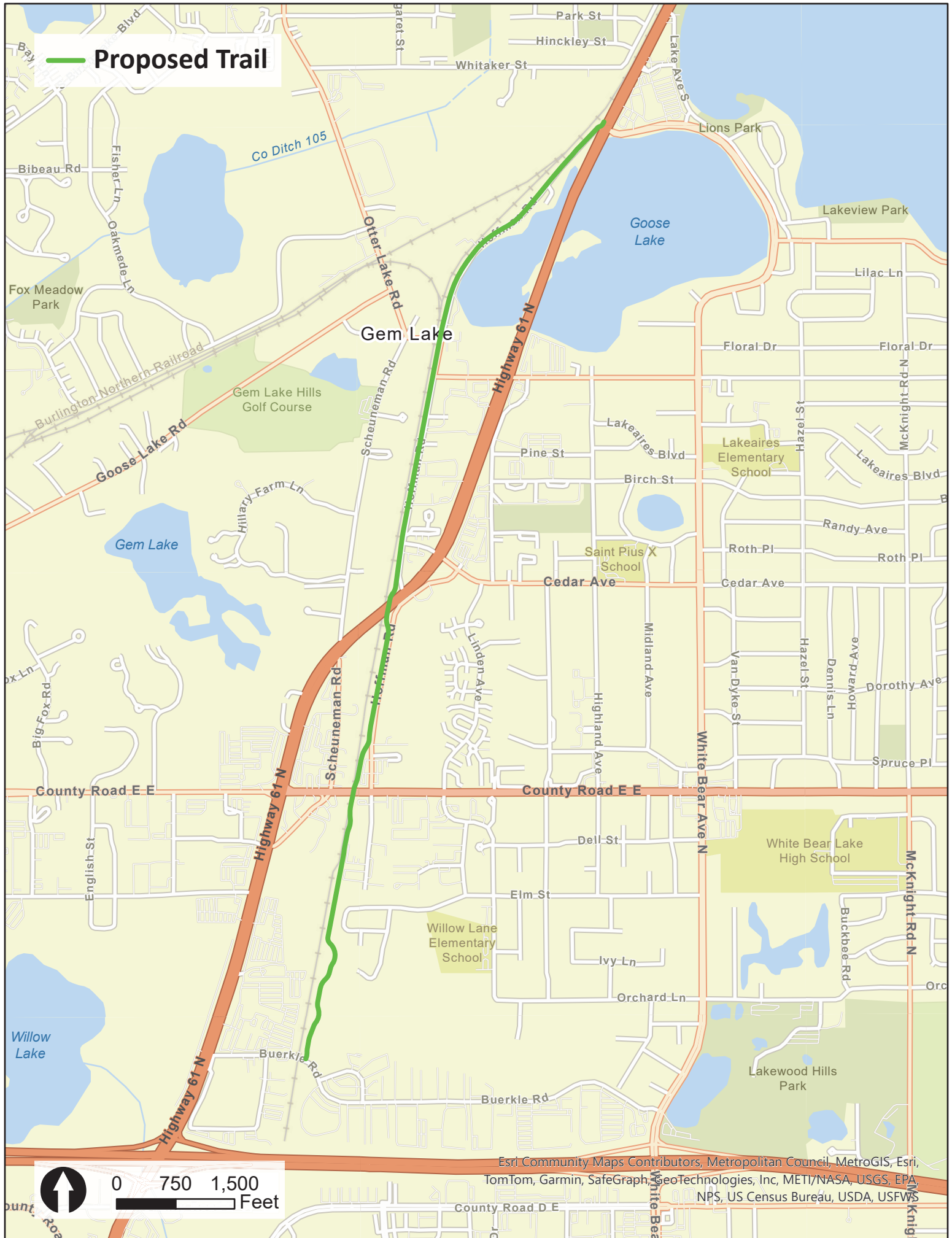
Complete this part *if* your application involves wetland replacement/compensatory mitigation not associated with the local road wetland replacement program. Applicants should consult Corps mitigation guidelines and WCA rules for requirements.

Replacement/Compensatory Mitigation via Wetland Banking. Complete this section if you are proposing to use credits from an existing wetland bank (with an account number in the State wetland banking system) for all or part of your replacement/compensatory mitigation requirements.

Wetland Bank Account #	County	Major Watershed #	Bank Service Area #	Credit Type (if applicable)	Number of Credits
Tamarack Bank	D	20	7	Type 3	0.04

Applicants should attach documentation indicating that they have contacted the wetland bank account owner and reached at least a tentative agreement to utilize the identified credits for the project. This documentation could be a signed purchase agreement, signed application for withdrawal of credits or some other correspondence indicating an agreement between the applicant and the bank owner. *However, applicants are advised not to enter into a binding agreement to purchase credits until the mitigation plan is approved by the Corps and LGU.*

Appendix A



Proposed Trail

Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Appendix B

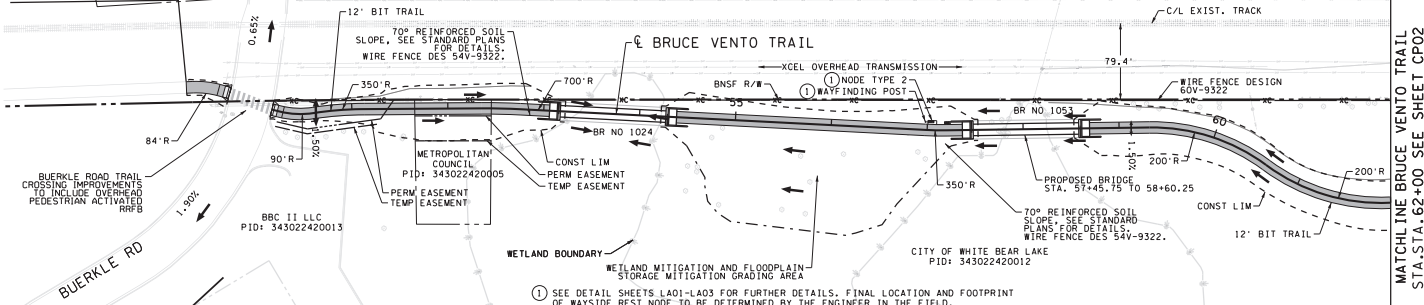
2/13/23 PM

10/26/2024

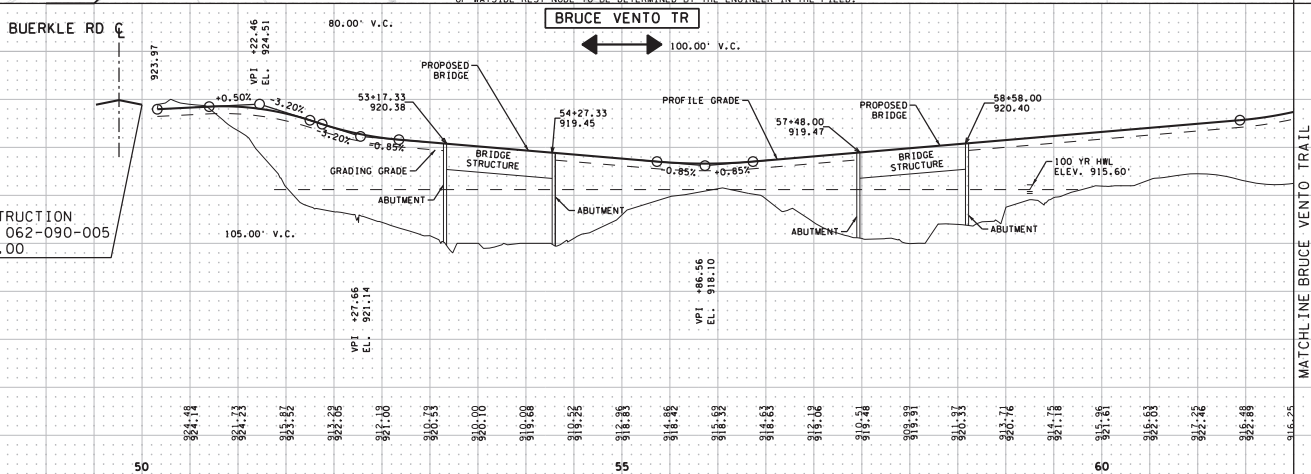
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BRUCE VENTO TRAIL

BEGIN CONSTRUCTION
BEGIN S.P.: 062-090-005
STA. 49+22.90



BEGIN CONSTRUCTION
BEGIN S.P.: 062-090-005
STA. 50+00.00



DESIGNED BY:	RKM				
DRAWN BY:	KJC				
CHECKED BY:	GSB				
	NO.	BY	DATE	REVISIONS	

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Certified By: License Professional Engineer L.C. No. _____
Printed Name: _____ Date: 10/28/2024

Kimley-Horn
KIMLEY-HORN & ASSOCIATES, INC.
10000 Highway 100, Suite 200
Minnetonka, MN 55345
Phone: 952.891.1000
Fax: 952.891.1001
www.kimley-horn.com

RAMSEY COUNTY, MINNESOTA
BRUCE VENTO TRAIL
STATE PROJ. NO. 062-090-005 (BRUCE VENTO TRAIL)

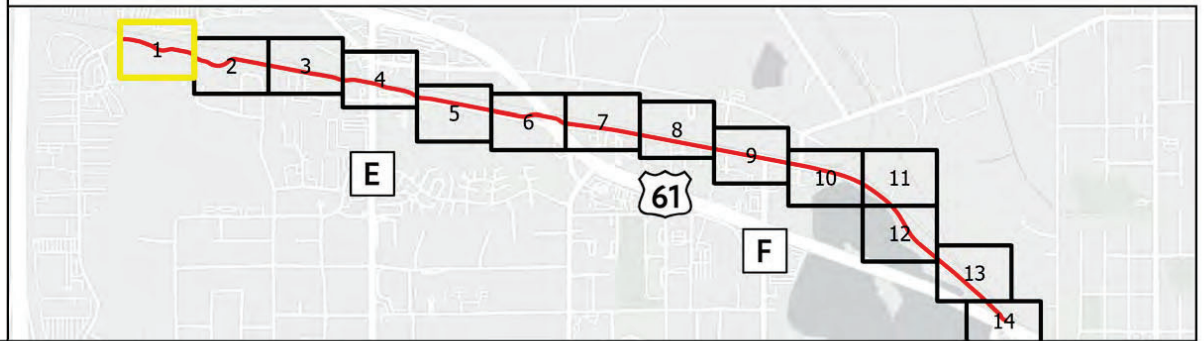
CONSTRUCTION PLAN AND PROFILE
STA 50+00 TO STA 62+00

CP01
OF CP10
39 / 140

Appendix C

Wetland Impacts by WCA Requirements. Page 1 of 14

- Construction Limits
- Willow Marsh DNR Ordinary High Water Line
- Goose Lake DNR Jurisdictional Boundary
- Permanent Wetland Fill
- Temporary Impact Area
- Delineated Wetland Type
 - Shallow Marsh (Type 3)
 - Shallow/Deep Marsh (Type 3/4)
 - Deep Marsh (Type 4)
 - Wetland Ditch





PERMIT PROGRAM MONTHLY MEMORANDUM

Date: December 11th, 2024

To: Board of Managers and Staff

From: Nicole Maras, Regulatory Program Manager
Mary Fitzgerald, Regulatory Specialist
Kendra Kloth, Regulatory Technician

During November 2024:

Number of Violations:	14
Install/Maintain Construction Entrance	4
Install/Maintain Perimeter Control	3
Contain/Dispose of Liquid and Solid Wastes	2
Sweep Streets	1
Remove Discharged Sediment	1
Protect/Maintain Permanent BMPs	1
General Permit Requirements	2

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, BMP installation and maintenance inspections, vegetation establishment inspections, permit close-out inspections, DEIA workgroup meeting, Science Museum GEOPATHs mentorship meeting, RWMWD Recognition Dinner, U of M Construction Installer instructor meeting, MS4 team check-ins, U of M Leadership Essentials training, Draft WCA Rule Update listening session

Single Lot Residential Permits Approved by Staff:

None

Permits Closed:

19-48 Elim Care Assisted Living (Maplewood)

Project Site Updates- Buttoning Up for Winter:

RWMWD staff have been communicating with construction sites on soil stabilization practices in preparation for frozen soil and snow cover. Prior to freeze-up, sites are required to stabilize all exposed soils (including stockpiled material) that will be inactive for the season. These rules apply even if other parts of the site intend to remain active over the winter. The permit outlines specific timeframes for sites to be stabilized by (within 14 days of inactivity, 7 days if within 1 mile of impaired waters). Best management practices for site stabilization include straw mulch, hydromulch, straw blanket, rock, or class 5 gravel for staging and drive access.

Soil stabilization prior to snow cover is very important. If snow melts in the spring and underlying soils are not stabilized, turbid water conditions could cause impacts downstream. Early winter planning is encouraged at sites to ensure site stabilization is completed prior to snow cover.

Below are examples of sites that have implemented good site stabilization in preparation for winter:

#24-26: Keller Park Tuj Lub Expansion



#22-29: Villas of Gervais Lake



#21-16 Metro Transit Gold Line BRT



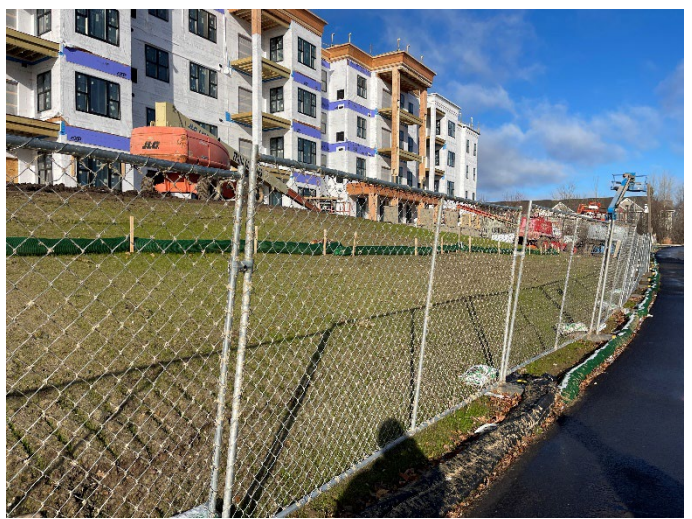
#24-35 Woodlane Dr Retaining Wall Removal



#24-22 Maplewood East Shore Drive



#22-13 American Cooperative on Lake Phalen



Summary of Common Wetland Conservation Act (WCA) Application Types:

Boundary/Type (staff approval, with TEP comment period)- An application submitted by a landowner/developer seeking concurrence with the wetland boundary and wetland type. The application is accompanied by a wetland delineation report that includes a narrative description of site and field conditions, maps, figures, and data sheets. The boundary is always field-reviewed by RWMWD staff, often with the person/representative from the company that completed the delineation and with Technical Evaluation Panel (TEP) members when available from the Board of Water and Soil Resources (BWSR), the county (Ramsey or Washington depending on site location), and the DNR if involving public waters. Boundary/type approvals are valid for 5 years and are used for project planning/feasibility and future permitting needs.

No-Loss (staff approval, no TEP comment period required)- An application submitted by a landowner/developer seeking approval for a “no-loss” defined as “no permanent loss of, or impact to, wetlands from activity according to the [specified] criteria.” Criteria includes: activities that do not impacts wetlands (ex: vegetation management that does not include fill or excavation), removal of accumulated sediment/debris (ex: pond clean-outs), temporary water level management (ex: temporarily lowering water levels to complete maintenance activities), any other impacts to wetlands that are temporary in nature (ex: disturbance associated with repair of existing utilities in wetlands, after which the wetland areas are restored).

Incidental Wetland (staff approval, with TEP comment period)- Request may be submitted as part of a boundary/type or no-loss application. Incidental wetlands are defined as “wetland areas that the landowner can demonstrate, to the satisfaction of the local government unit (LGU), were created in non-wetland areas solely by actions, the purpose of which was not to create the wetland.” For example: improper drainage, impoundments created by grading/past development activities, areas that were historically upland but currently meet wetland characteristics due to human activity. Applicants must submit a narrative explanation/argument for the incidental characterization accompanied by historical aerial photos, relevant construction documents/plan sheets, soil maps, etc. for the TEP to consider.

Exemption (staff approval, no TEP comment period required)- An application submitted that acknowledges impacts to wetlands, but meets the criteria for impacts that do not require replacement. Criteria includes: some impacts associated with agricultural activities/drainage/utility repair projects, impacts that are below the ‘de minimis’ threshold. De minimis is a specified allowable square footage of impact area in WCA rule that varies between wetland type/jurisdiction/shoreland ordinances/location in state of MN). In RWMWD, the de minimis could be between 20 SF (most stringent) to 2,178 SF (most lenient), depending on the wetland. Example of a common de minimis exemption: new riprap at a flared end outlet to wetland.

Replacement Plan (board approval, with TEP comment period)- Not necessarily common for RWMWD, approximately 1 application submitted per year over last 8 years. Applications include a narrative explanation of the project purpose/need, area and wetland type of impacts proposed, avoidance alternatives, minimization

alternatives, impact reduction over time, proposed mitigation (replacement). Mitigation is usually 2:1 and can be through the purchase of available credits from offsite wetland banks (generally the preference of BWSR and USACE), or mitigation can be project-specific whereby the applicant must create or restore wetland area, usually within the project limits where impacts are proposed. Project-specific mitigation requires the applicant demonstrate maintenance and monitoring requirements are met, generally over a 5-year period of time. Staff inspect areas annually with BWSR, and the success rate has been mixed.

Stewardship Grant Program

Stewardship Grant Program Budget Status Update

December 11, 2024

		Last Month	This Month	Last Month	This Month
Homeowner	Coverage	Number of Projects: 31	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	47,853.00
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	11	11	\$72,255.00	\$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: 23	Number of Projects: 23	Funds Allocated	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	6	6	\$54,597.50	\$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	7	7	\$608,096.50	\$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	7	7	\$245,591.00	\$245,591.00

Maintenance	50% Cost Share \$7,500 Max for 5 Years	81	83	\$65,635.00	\$68,635
Consultant Fees				\$92,855.00	\$95,259.50
Total Allocated				\$1,238,763.40	\$1,241,107.90

*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	\$1,238,763	\$1,241,108
Total Available Funds	\$11,237	\$8,892

MEMORANDUM

DATE: December 11, 2024
TO: Board of Managers and Staff
FROM: Ashlee Ricci, Grant Program Specialist
SUBJECT: 2025 Stewardship Grant Program

At this meeting, staff will review the 2024 Stewardship Grant Program and discuss upcoming projects and program funding in 2025.

Discussion Items

- *Priority Water Quality Areas:* Staff recommends maintaining the 2024 water quality priority areas for 2025. Large-scale projects in these areas are eligible for 100% funding up to \$100,000. Projects located within flood reduction, groundwater recharge, and certain demographic areas or per board discretion may be eligible for additional funding. See Table 1 for coverage amounts.
- *Priority Equity Areas:* Staff recommends continuing the priority equity areas as used in 2024 and based on the CDC's Social Vulnerability Index for 2025. Projects located within the Highest Vulnerability areas are eligible for 100% funding (up to \$15,000 for residential projects and \$100,000 for large-scale projects). Projects within the Medium Vulnerability areas are eligible for additional assistance in which special adjustments can be made including requests for additional funding or requests to pay the contractor directly for grant eligible expenses.
- *Residential Project Coverage:* Staff recommends continuing the maximum coverage amounts for residential and large-scale projects. Overall, the coverage amounts appear to be sufficient for these types of projects. See Table 1 for coverage amounts.
- *Watershed Maintenance Grants:* Staff recommends continuing the BMP maintenance grant which can be used by stewardship grant recipients to assist with routine BMP maintenance. Applicants can receive up to 50% of the annual maintenance costs for a maximum of 5 years up to \$1,500 per year.
- *Enhanced Street Sweeping:* Staff recommends continuing to reserve \$250,000 in stewardship grant funds for the 2025 enhanced street sweeping efforts. At this time, we do not have all of the data from the 2024 enhanced sweeping program, but we will present that to the board when available. Given the success of the enhanced sweeping efforts over the past two years, staff would like to connect with the same cities as in 2024 along with other top ranked cities from our street sweeping study to determine if they

have interest in managing additional sweepings for 2025. Staff will continue to consider a contractor again for certain priority areas. Staff will work to determine the best use of funding and bring recommendations back to the board of managers for approval at a future meeting.

Action Items

Staff is requesting action from the Board on the following items:

- Approve 2025 water quality and equity priority areas.
- Approve 2025 coverage amounts as shown in Table 1.
- Approve staff to move forward with setting funding amounts and priority areas for enhanced street sweeping in 2025.

Table 1. Proposed 2025 Cost Share Coverage

	Type of Projects	Cost Share %	Maximum \$
Homeowner Projects	Habitat Restoration & raingarden w/o hard surface drainage	50%	\$15,000
	Raingarden w/ hard surface drainage, pervious pavement	75%	\$15,000
	Shoreland Restoration (below 100 yr flood elevation w/ actively eroding banks)	100%	\$15,000
Large Scale Projects: Commercial, Church, School, Government, Associations, etc.	Habitat Restoration	50%	\$15,000
	Shoreland Restoration	100% below 100 yr flood elev. with actively eroding banks	\$100,000
	Water Quality BMPs	75% in non-priority drainage areas	\$50,000
		100% in priority drainage areas	\$100,000
	Enhanced Street Sweeping (\$250,000 Reserved)	Varies for selected areas	\$100,000
	Aquatic Veg Harvest	50%	\$15,000
	Public Art	50%	\$15,000

2024 Stewardship Grant Summary

December 11, 2024

Ashlee Ricci
Grant Program Specialist



54 Grants Approved

- Church: 2
- Commercial: 2
- Government: 14
- HOAs: 3
- Residential: 33



Stewardship & Retrofit Projects 2024

Ramsey-Washington Metro Watershed District

▲ 2024 Stewardship Projects (52)

★ 2024 Retrofit Projects (3)

▭ 2024 Priority Areas

■ Lakes

▭ Municipal Boundary

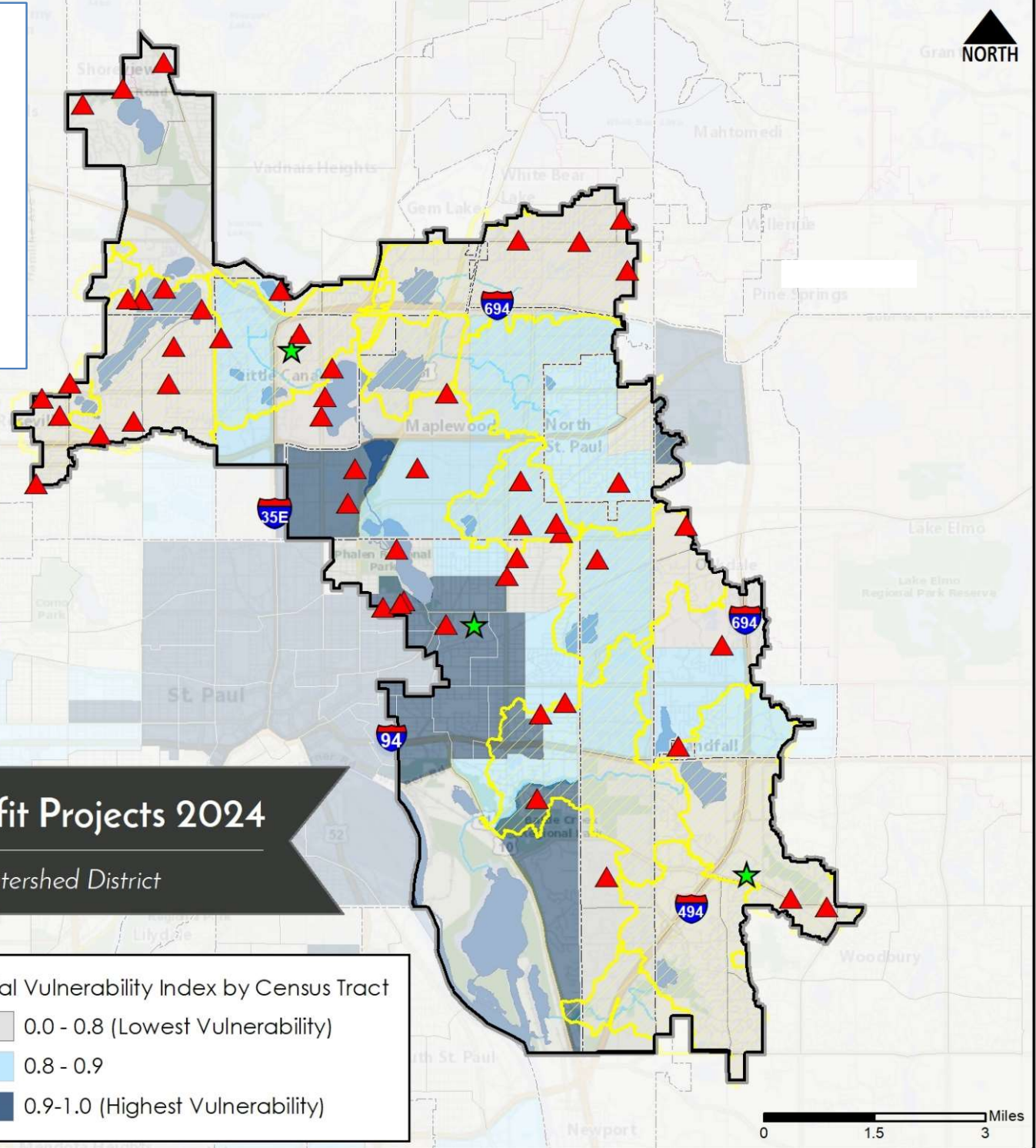
▭ RWMWD Boundary

Social Vulnerability Index by Census Tract

■ 0.0 - 0.8 (Lowest Vulnerability)

■ 0.8 - 0.9

■ 0.9-1.0 (Highest Vulnerability)

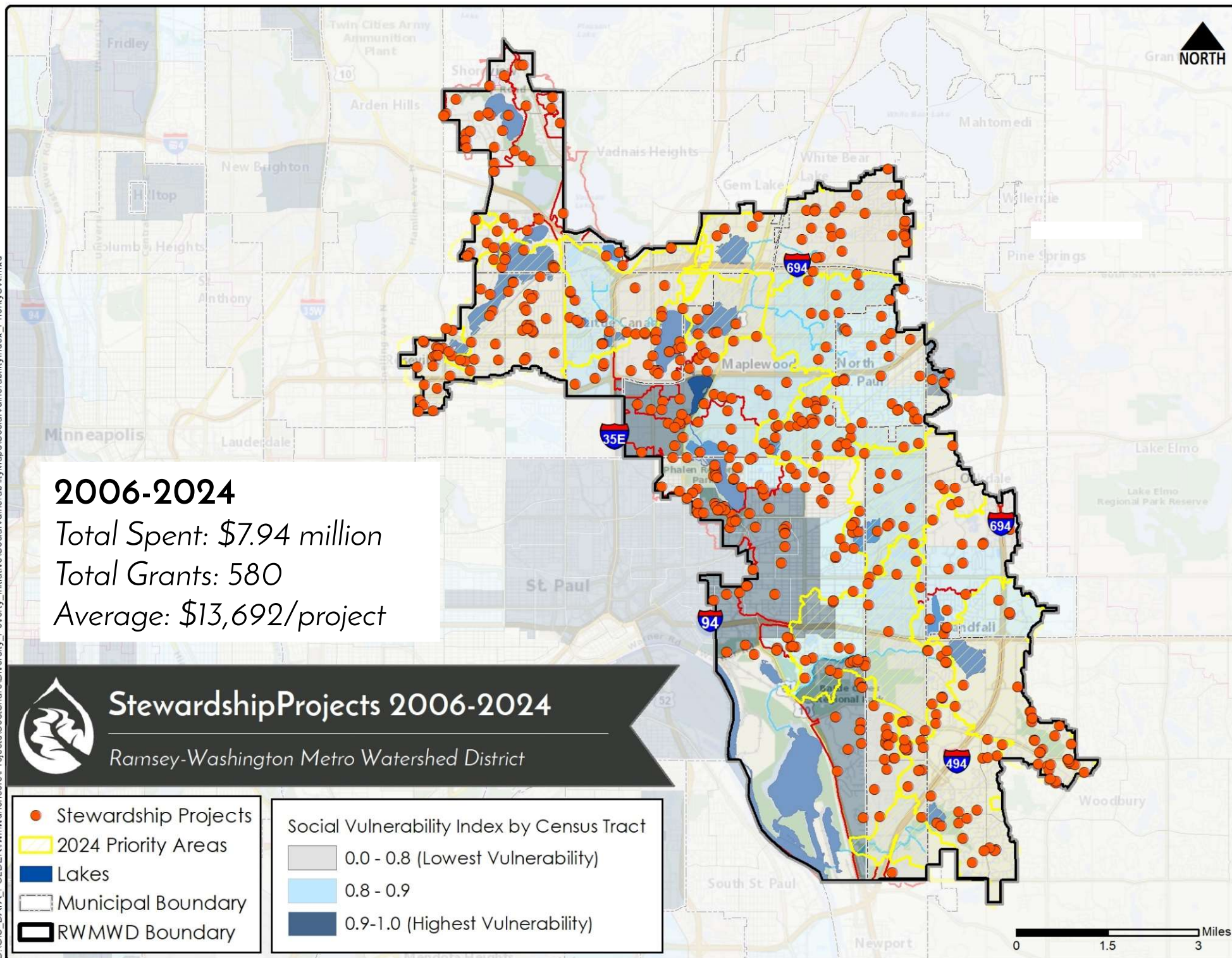


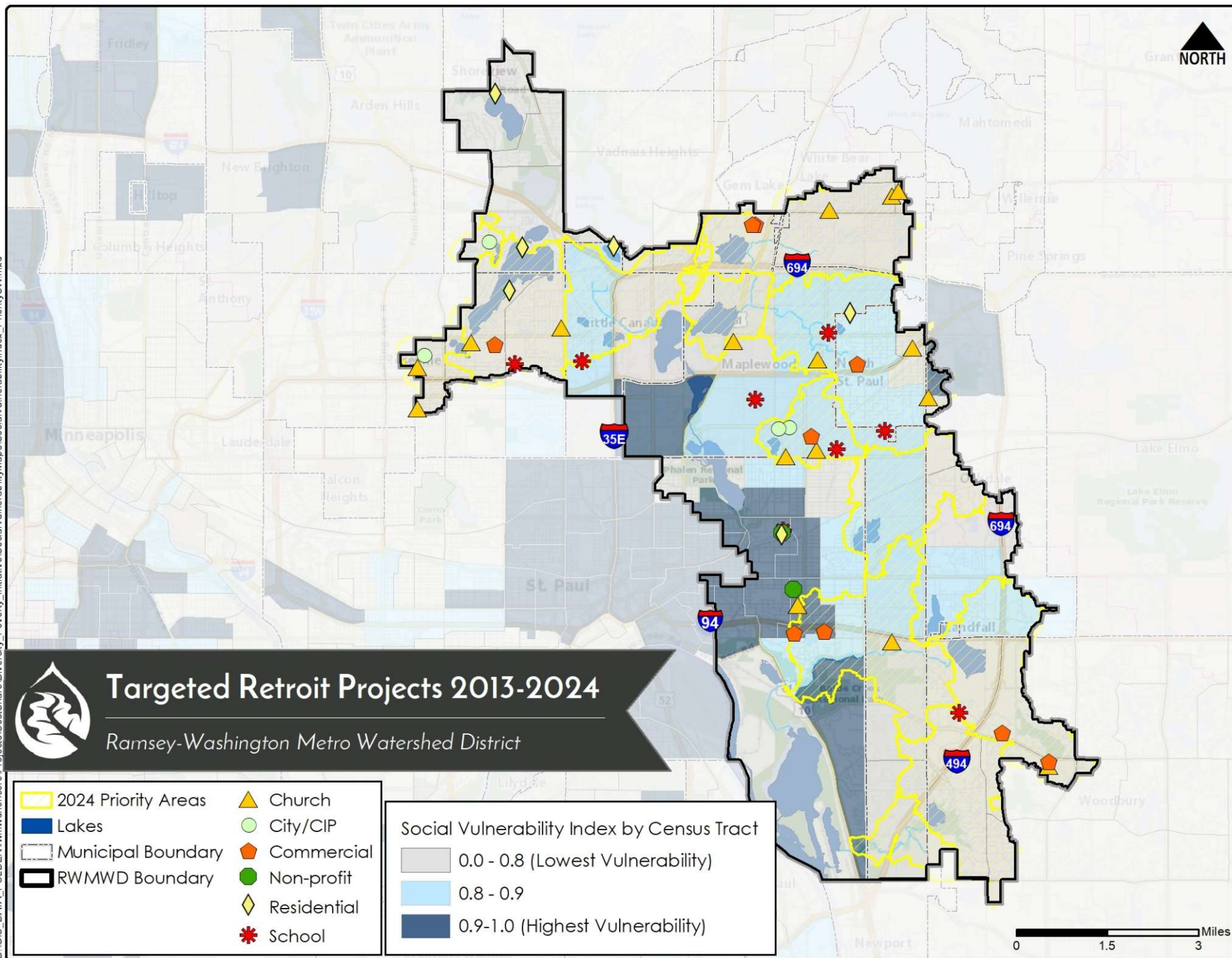
2024 Project Allocation

Homeowner	Coverage	Number of Projects:	Funds Allocated
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	16	\$47,853.00
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	11	\$72,255.00
MN Water Steward Project	100% Cost Share \$15,000 Max	1	\$1,500
Shoreland Restoration	100% Cost Share \$15,000 Max	3	\$28,497.40

Commercial, School, Government, Church, Associations, etc.	Coverage	Number of Projects:	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	6	\$54,597.50
Priority Area Projects	100% Cost Share \$100,000 Max	7	\$608,096.50
Public Art	50% Cost Share \$15,000 Max/Project	2	\$5,323.00
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	1	\$12,500.00
Enhanced Street Sweeping	Varies \$100,000 Max	7	\$246,591.00

2024 Stewardship Grant Program Budget	
2024 Budgeted Amount	\$1,250,000
Total Funds Allocated	\$1,241,108
Total Available Funds	\$8,892





BMP Maintenance Grants







- Approved 20 Grants in 2024
 - Average is 16/year
- Allocated \$68,635 since 2018





2025 Priority Subwatersheds

Ramsey-Washington Metro Watershed District

-  2025 Priority Areas
-  Lakes
-  Municipal Boundary
-  RWMWD Boundary

Social Vulnerability Index by Census Tract

-  0.0 - 0.8 (Lowest Vulnerability)
-  0.8 - 0.9
-  0.9-1.0 (Highest Vulnerability)

0 1.5 3 Miles

Proposed 2025 Enhanced Street Sweeping



Proposed 2025 Stewardship Grant Coverage

Homeowner	Coverage
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max
Master Water Steward Project & Priority SVI Areas	100% Cost Share \$15,000 Max
Shoreland Restoration	100% Cost Share \$15,000 Max
Large-Scale Projects	Coverage
Habitat Restoration	50% Cost Share \$15,000 Max
Shoreland Restoration (below 100-year flood elevation w/actively eroding banks)	100% Cost Share \$100,000 Max
Priority Area Projects	100% Cost Share \$100,000 Max
Non-Priority Area Projects	75% Cost Share \$50,000 Max
Public Art	50% Cost Share \$15,000 Max
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max
Maintenance	50% Cost Share \$1,500/year
Enhanced Street Sweeping	\$250,000 Reserved \$100,000 Max

Board Action Items:

Approve 2025 Stewardship Grant Program

Approve:

- Priority Areas
 - Water quality drainage areas
 - Equity areas
- Coverage Amounts
- Enhanced street sweeping



* * * * *

Action Items

* * * * *

Request for Board Action

Board Meeting Date: December 11, 2024

Agenda Item No: 7A

Preparer: Tina Carstens, Administrator

Item Description: 2025 Board Meeting Dates

Background:

The following is a list of board meeting dates for the next 12 months, as determined by the first Wednesday of each month. Two meetings are impacted by holidays or the Minnesota Watersheds annual meeting. The proposed alternate meeting date is noted for your review and approval. Please note the July meeting is July 2nd of the 4th of July week. The board should discuss this meeting date.

Monthly Meeting Dates	Proposed Changed Date	Note
January 1, 2025	January 8, 2025	New Year's Day Holiday
February 5, 2025		
March 5, 2025		
April 2, 2025		
May 7, 2025		
June 4, 2025		
July 2, 2025		4 th of July Holiday Week
August 6, 2025		
September 3, 2025		
October 1, 2025		
November 5, 2025		
December 3, 2025	December 10, 2025	Minnesota Watersheds Conference

Applicable District Goal and Action Item:

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

Action Item: Follow all legal requirements applicable to watershed districts.

Staff Recommendation:

Staff recommends approval of the revised board meeting date calendar for 2025.

Financial Implications:

None.

Board Action Requested:

Approval of the board meeting schedule with the proposed changes to January 2025 and December 2025.

Request for Board Action

Board Meeting Date: December 11, 2024

Agenda Item No: 7B

Preparer: Tina Carstens, Administrator

Item Description: 2025 CIP Maintenance and Repair Project Bid Award

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.

At the November meeting, staff presented the plans and cost estimate. The board directed Barr to finalize design, prepare the bidding package, and advertise the project for bid. The project was advertised, and the bids were received on December 2nd. The bid information is attached for your information. If a contractor is awarded, the contracting process will occur and construction will begin soon thereafter.

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 Item: 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 award the project to the responsive bidder whose bid was the lowest and whose involvement would be in the best interest of the District. Staff also recommends the Board direct staff to prepare and mail the Notice of Award, prepare the draft agreement and request and review the required submittals.

Financial Implications:

The CIP Maintenance and Repair project is included in the 2025 budget.

Board Action Requested:

Accept the bids and award the 2025 CIP Maintenance and Repair Project to Fitzgerald Excavating. Direct staff to prepare and mail the notice of award, prepare the draft agreements and review the required submittals.

Memorandum

To: RWMWD Board of Managers
From: Gareth Becker and Brad Lindaman
Subject: CIP Maintenance/Repairs 2025-Recommendation to Aware Project
Date: December 3, 2024
c: Dave Vlasin and Tina Carstens

The purpose of the CIP Maintenance/Repairs 2025 project, located at multiple sites throughout the district, is to repair and/or maintain district infrastructure to ensure long-term functionality of these assets. Embedded within this project is the Public Entity Cost-Share (PEC) program which allows for public entities to add sites to the annual CIP Maintenance/Repairs project to help reduce their costs and overcome their schedule constraints while helping the district move towards achieving their water quality goals. Participation in the PEC program was particularly high this year with 9 of the 14 sites involving work that is being administered by the district and funded by other public entities.

The summary of work to be completed is as follows:

Site 1 - PFS Basins Paver Cleaning

Work consists of routine/yearly maintenance of removing and sweeping the vegetation and muck from the surface of tile as well as removing 1-2 inches of silted-in rock at the outlet of each basin. All sweep/excavated material will be hauled off-site and disposed at a solid waste disposal facility. In addition, erosion control and site restoration including access routes to be performed as shown in the drawings or as directed.

Site 2 - Lower Afton Road Treatment Bay Sediment Removal

Work consists of the excavation of sediment/muck/vegetation at the inlet structure. Excavation areas and depth elevations determined by comparison to the original design plan. All excavated material will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. Work will include protection of existing curb and gutter and bituminous path. In addition, riprap, erosion control BMPs and site restoration including access route to be performed as shown in the drawings or as directed.

Site 3 - Roseville Middle School Splash Block Repair

Work consists of the removal and replacement of broken/chipped splash block stone at raingarden inlet in the Roseville Middle School parking lot. All work to be done by hand with minimal disturbance. No motorized mechanical equipment shall be used. Erosion control BMPs and site restoration to be performed as shown in drawings or as directed.

Site 4 – Gervias Creek Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to the original design plan. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas

cleaned will provide future storage for captured sediment as intended. In addition, removal and replacement of existing small filter rock and barrier snow fence will take place on the filter strip.

Site 5 – McKnight Basin Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path, all features of the earthened dam, and landscape features. Excavation areas and depth elevations determined by comparison to the original design plan. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, erosion control and restoration will take place.

Site 6 – Maple Hills Pond

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom survey. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 7 – Pond 9 Maintenance

Work consists of excavation of MPCA Type 1 unregulated muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to the original design plan. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 8 – Maple Leaf Pond Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom survey. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 9 – Harbor Place Pond Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom survey. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 10 – Arlington Avenue and Currie Street Pond Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom survey. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned

will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 11 – Kowalski Pond Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 12 – Kohlman Lake Maintenance

Work consists of excavation of accumulated sediment from Kohlman Lake and protection of existing pavement and landscape features. Excavation areas and depth elevations determined by comparison of delta survey to survey of adjacent lake bottom. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will restore original lake bottom at pipe outlet. In addition, removal of the existing catch basin manhole and installation of a replacement catch basin manhole structure with sump, pavement repairs, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 13 – Pond SC220 Maintenance

Work consists of excavation of muck/vegetation from the existing pond/channel and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom survey. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

Site 14 – Pond SC235 Maintenance

Work consists of excavation of muck/vegetation from the existing pond and protection of existing path and landscape features. Excavation areas and depth elevations determined by comparison to pond bottom survey. All sediment will be hauled off-site and disposed at a solid waste disposal facility. Areas cleaned will provide future storage for captured sediment as intended. In addition, riprap, erosion control BMPs, and site restoration including access route to be performed as shown in the drawings or as directed.

The RWMWD Board of Managers authorized bidding for the CIP Maintenance/Repairs 2025 Project at their November 6, 2024, meeting. Following the Board's authorization, the project was advertised for just over two weeks beginning November 15. Bids were opened on December 2, 2024, at 2pm via an online virtual bid opening. Four (4) bids were received, and the results are listed in Table 1.

Table 1. Summary of Bids Received for CIP Maintenance/Repairs 2025

Number	Bidder	Total Base Bid Entered on the Bid Form
1	Fitzgerald Excavating	\$969,123.00
2	Equity Builders & Construction Services, Inc	\$1,038,750.00
3	Peterson Companies	\$1,088,744.70
4	New Look Contracting, Inc.	\$1,189,794.00

Engineer's opinion of probable cost was \$1,426,900 - \$1,652,200 at the November 2024 Board Meeting (estimated accuracy range of -5% to +10%).

Bid results show that all bids were considerably lower than the engineer's estimate.

RWMWD has had multiple previous projects and related experience with Fitzgerald Excavating as they performed similar work in 2024, 2022 and 2021 as well several earlier years. Based on this experience and discussions with Fitzgerald, staff believe that they understand the work and are confident in their bid proposal.

In reviewing the submittals, Fitzgerald appears to meet the bidding requirements and staff believes them to be the lowest responsive and responsible bidder that is in the best interest of the project. If the RWMWD board deems it appropriate, they should consider a motion that:

Accepts the bids and awards the CIP Maintenance/Repairs 2025 project to the apparent lowest responsible and responsive bidder, Fitzgerald Excavating, at their bid price of \$969,123.00, and direct staff to request the required bonds and insurance information and develop the contract for the district to execute with Fitzgerald for the work.

Once the necessary submittals are received and reviewed, and the contract is signed by all parties, a required preconstruction meeting will be held and a formal "Notice-to-Proceed" will be issued. We expect the work will start in early January within five days of the notice to proceed being issued.

1.1.1 Next Steps

If the Board of Managers approves the motion the following would be completed:

- An Authorized Representative signs the Notice of Award to be sent to the successful bidder
- Successful bidder provides the following information:
 - Signed Form of Agreement
 - Performance Bond and Payment Bond
 - Certificate of Insurance verifying adequate insurance per the bidding documents
- Barr and Galowitz-Olsen will review the submittals and, if necessary, request modifications
- Barr will coordinate with the successful bidder regarding the construction schedule and schedule a preconstruction meeting

To: RWMWD Board of Managers
From: Gareth Becker and Brad Lindaman
Subject: CIP Maintenance/Repairs 2025-Recommendation to Aware Project
Date: December 3, 2024
Page: 5

- The Form of Agreement will be signed by the Owner and considered fully executed and all parties will receive a signed version.
- Notice to Proceed is anticipated to be issued January 6th, 2025.
- All work shall be substantially complete by June 20, 2025.

The vegetation warranty will extend one-year post-substantial completion, estimated through June 2026 (depending on when restoration is performed). After the warranty period is complete and Final Acceptance has been issued, RWMWD will take over vegetation maintenance through June 2027, to align with the District's other vegetation maintenance contracts.

Request for Board Action

Board Meeting Date: December 11, 2024

Agenda Item No: 7C

Preparer: Tina Carstens, Administrator

Item Description: Adopt Final FY 2025 Budget and Certify Final Levy.

Background:

The District Board of Managers adopted the draft budget at the September Board meeting for review and comment by the cities and counties. No written or verbal comments have been received.

The board held its required public hearing on September 4, 2024. No comments were received at the public hearing or after the hearing. The preliminary budget was placed on the website, and the final will also be placed there for public information. For the preliminary levy, the increase from 2024 was proposed to be 4.88%. At the September meeting, the board directed me to adjust the levy amount to achieve a 0% increase in levy funds from 2024 to 2025.

I reviewed the 2024 budget as of the end of November and estimated the carryover to help with the budget needs in 2025. I received updated project budget information from the district and Barr staff and program needs in 2025. After all the considerations, the levy increase can be at 0% for 2025.

The changes to the budget from the preliminary levy include refinements of budget number estimates and needs for 2025. No significant changes to 2025 program and project activities are reflected in the numbers.

Applicable District Goal and Action Item:

The district budget relates to all facets of the district's operations since it provides funds for staff and project activities.

Staff Recommendation:

Approve the Final General Fund and CIP budgets and approve the final levy certification as indicated in the budget table and attached Resolution 24-04.

Financial Implications:

The 2025 proposed final levy reflects an increase from the 2024 levy of 0.00%.

Board Action Requested:

Approve the proposed FY 2025 General Fund and CIP budgets and adopt resolution 24-04.



RESOLUTION 24-04

RESOLUTION APPROVING THE 2025 BUDGET AND FINAL PAYABLE 2025 TAX LEVY

WHEREAS, the Ramsey-Washington Metro Watershed District Board of Managers adopted a proposed budget and payable 2025 levy on September 4, 2024; and

WHEREAS, the Ramsey-Washington Metro Watershed District distributed the proposed budget and levy for review and comment to all Cities and Counties; and

WHEREAS, The District held a public hearing on the budget, Capital Improvements Program and proposed levy on September 4, 2024;

NOW, THEREFORE, BE IT RESOLVED by the Board of Managers of the Ramsey-Washington Metro Watershed District that the General Fund and Capital Improvements Budget be approved and the following final levy be certified to Ramsey and Washington Counties.

General Revenue Levy	\$6,966,914
<u>Debt Service Levy</u>	<u>\$410,549</u>
Total Levy	\$7,377,463

Adopted by the Board of Managers of the Ramsey-Washington Metro Watershed District this 11th day of December, 2024.

Val Eisele, President

Attest:

Mark Gernes, Secretary

Fiscal Year 2025 Budget V4
December 11, 2024 Final Budget and Levy

Budget ID Number	Budget Item		FY 2024 Budget	General Fund	Capital Improvements	Carry-over Funds	Other Funds	Total Proposed 2025 Budget	Increase (decrease) from 2024 Budget
1	Engineering	Administration	122,000	122,000				122,000	0
2		Engineering Review	75,000	80,000				80,000	5,000
3		Permit Application Review	65,000	70,000				70,000	5,000
4		Permit Inspection and Enforcement	10,000	10,000				10,000	0
5		Project Feasibility Studies	260,000	400,000				400,000	140,000
6		GIS Maintenance	5,000	5,000				5,000	0
7									
8	Attorney	General	40,000	40,000				40,000	0
9		Permit Enforcement	5,000	5,000				5,000	0
10									
11	Managers	Meeting Per diems	7,000	7,000				7,000	0
12		Managers Expenses	3,000	3,000				3,000	0
13									
14	Auditor/Accounting	Auditor/Accounting	80,000	80,000				80,000	0
15									
16	Miscellaneous	Dues & Publications	17,000	20,000				20,000	3,000
17		Insurance	65,000	70,000				70,000	5,000
18		Committee & Board Meeting Expenses	4,000	4,000				4,000	0
19		Miscellaneous	5,000	5,000				5,000	0
20									
21	Administrative	Salary & Benefits	2,000,000	2,100,000				2,100,000	100,000
22		Employee Expenses	10,000	10,000				10,000	0
23		Janitorial/Trash Services/Snow Plowing	15,000	30,000				30,000	15,000
24		Building Maintenance	100,000	80,000				80,000	(20,000)
25		Utilities (gas,electric, water, sewer, maintenance)	20,000	20,000				20,000	0
26		Office Supplies	7,000	7,000				7,000	0
27		Copying/Printing	5,000	5,000				5,000	0
28		Postage/Delivery	2,000	2,000				2,000	0
29		Office Furniture & Computer Equipment	80,000	50,000				50,000	(30,000)
30		Office Equipment Maintenance	2,000	0				0	(2,000)
31		Training/Education	75,000	75,000				75,000	0
32		Telephone	2,000	2,000				2,000	0
33		District Vehicles/Maintenance	60,000	60,000				60,000	0
34		Database/GIS Maintenance & Equipment	20,000	20,000				20,000	0
35		IT Services/Internet/Website/Software Licenses	100,000	110,000				110,000	10,000
36		Outside Program Support	57,000	42,000				42,000	(15,000)
37		Outside Consulting Services	40,000	40,000				40,000	0
38									
39	Program	WMP, Lakes, TMDLs, Grants	154,500	378,500				378,500	224,000
40	Activities	Natural Resources Program	120,000	161,000				161,000	41,000
41		Water Monitoring-Lab Costs & Equip.	285,000	513,000				513,000	228,000
42		Research Projects	150,000	125,000				125,000	(25,000)
43		Project Operations	150,000	150,000				150,000	0
44		Education, Communication, Events	166,000	166,000				166,000	0
45		Health & Safety Program/Staff In-House Training	4,000	7,000				7,000	3,000
46									
47	Capital Improvements	Maplewood Mall SRF Loan Debt Service	92,000		92,453			92,453	453
48	Summary	Beltline and Battle Creek Tunnel Repair Debt Service	302,963		318,006			318,006	15,043
49		Targeted Retrofit Projects	1,950,000		205,000	400,000	580,000	1,185,000	(765,000)
50		Stewardship Grant Fund	1,250,000		1,250,000			1,250,000	0
51		Fish Creek Tributary Improvements	1,375,000		470,000	700,000	230,000	1,400,000	25,000
52		Project Repair & Maintenance	2,125,000		2,030,000	150,000		2,180,000	55,000
53		Wetland Restoration Projects	700,000		0	350,000		350,000	(350,000)
54		Flood Risk Reduction Fund	5,400,000		0	910,000	345,000	1,255,000	(4,145,000)
		Totals	17,582,463	5,074,500	4,365,459	2,510,000	1,155,000	13,104,959	(4,477,504)

	Budget Total	Budget Total By Fund		Proposed Levy
		General Fund	CIB	
2025 Budget Total and totals by fund	13,104,959	5,074,500	8,030,459	7,377,463
2024 Budget Total and totals by fund	17,582,463	4,387,500	13,194,963	7,377,463
2025 Budget Increase or (Decrease) from 2024 Budget	(4,477,504)	687,000	(5,164,504)	0
2025 Budget % change from 2024 Budget	-25.47%	15.66%	-39.14%	0.00%

2025 Budget Program Line Item Breakouts for Final Budget and Levy

Project Feasibility Studies (Line 5)	
Manufactured Homes Resilience Evaluation	\$20,000
Phalen Village Improvements	\$5,000
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$25,000
Street Sweeping	\$20,000
Tanners, Battle Creek Lake, McKnight Basin outlet operation plan	\$35,000
Interim Emergency Response Plans (Non-Beltline Areas)	\$30,000
Flood Risk Reduction feasibility study - N of ABI	\$75,000
Flood Risk Reduction feasibility study - Placeholder	\$50,000
Stormwater Model Updates	\$50,000
Studies Stemming From Creek Walks	\$30,000
Shoreline Assessment Assistance	\$20,000
Wetland Restoration Planning	\$20,000
Contingency	\$20,000
Total =	\$400,000

Outside Program Support (Line 36)	
Watershed Partners	\$10,000
Blue Thumb	\$3,000
East Metro Education	\$13,000
Cooperative Weed Management Program	\$10,000
GIS Users Group	\$1,000
Contingency	\$5,000
Total =	\$42,000

WMP, Lakes, TMDLs, Grants (Line 39)	
Grant Applications	\$20,000
Watershed Management Plan Updates - Board Workshops and Engagement	\$164,000
Kohlman Lake Alum Treatment	\$172,000
Contingency	\$22,500
Total =	\$378,500

NR Program (Line 40)	
Ongoing Site Maintenance	\$25,000
Carp Management Program	\$56,000
Restoration Project Work	\$30,000
Equipment Needs	\$40,000
Contingency	\$10,000
Total =	\$161,000

Water Monitoring (Line 41)	
WQ Equipment Replacement and Repair	\$103,000
Lab Costs	\$165,000
Barr Engineering Monitoring Assistance and Reporting	\$85,000
Battle Creek/Fish Creek Special Monitoring Lab Costs	\$110,000
Contingency	\$50,000
Total =	\$513,000

Research (Line 42)	
Minnesota Stormwater Research Council	\$50,000
Wakefield Lake Aeration Feasibility	\$50,000
New Technology Reports	\$15,000
Contingency	\$10,000
Total =	\$125,000

Education/Events/Communications (Line 44)	
Education and Work in Schools	\$50,000
Communications and Marketing	\$60,000
WaterFest	\$40,000
Watershed Excellence Awards	\$6,000
Contingency	\$10,000
Total =	\$166,000

Targeted Retrofits (Line 49)	
2024 Project Completion (Woodbury Target and Pioneer Park)	\$35,000
St. Paul Youth Services	\$350,000
Cochran Recovery Center	\$400,000
Maplewood Toyota	\$400,000
Total =	\$1,185,000

Project Repair and Maintenance (Line 52)	
2025 Project Repair and Maintenance Contract	\$600,000
Beltline 5 year Inspection and Survey	\$235,000
Beltline Fix Near River Outfall	\$1,520,000
Routine Inspections and Unplanned Maintenance ID	\$125,000
BMP and NR Maintenance Program	\$250,000
Total =	\$2,730,000

Flood Risk Reduction Fund (Line 54)	
Ames Lake Area Improvements Design	\$250,000
Roosevelt Homes Phase III	\$415,000
Kohlman Creek Improvements	\$590,000
Total =	\$1,255,000

Items shown on these budget line item breakouts are subject to change. Projects are identified but may need adjustments or additional project opportunities with similar goals may be determined during the year.

New Reports/ Presentations

Scope Summary

Date: December 3, 2024

Project: Roseville Central Park Flood Risk Reduction Feasibility Study

Project Team:

District Staff: Paige Ahlborg (Project Manager)

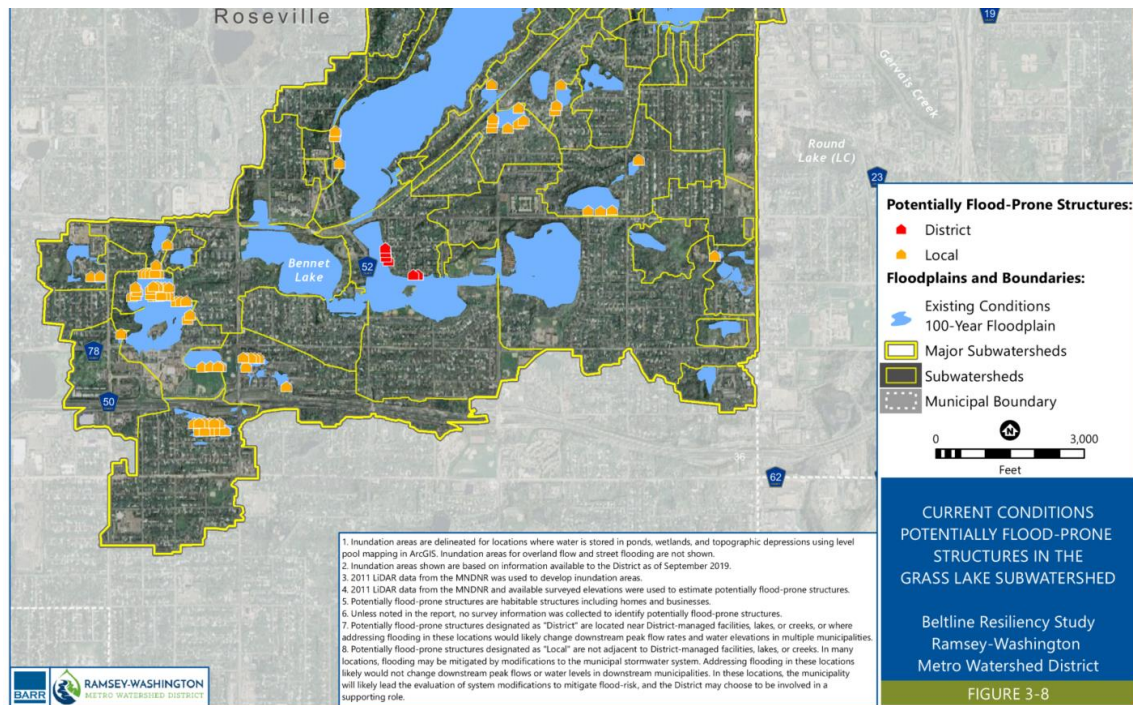
Barr Staff: Tyler Olsen (Project Manager); Brandon Barnes (Principal)

Scope of Work

The purpose of this project is to identify strategies or combinations of strategies and system modifications that would remove habitable structures near Central Park in Roseville from the 100-year floodplain—specifically, structures located on Fisk Street and Oakcrest Avenue, as shown in the figure below. The Beltline Resiliency Study, completed in 2020, identified six structures at this location within the 100-year floodplain. City of Roseville staff confirmed that during periods of flooding, the City receives reports of water levels approaching homes in this area, and are interested in evaluating improvements to the drainage system to reduce the frequency of flooding for habitable structures.

Tasks included in the scope of work will be completed in coordination with the City of Roseville, as several potential alternatives to reduce risk to habitable structures include modifications to the stormwater drainage through parcels owned by the City.

The outcome of this study will identify cost-effective alternatives as possible next steps in flood management for the area to reduce flood risk for habitable structures near Central Park. Alternatives evaluated as part of the study will be discussed with City of Roseville staff, as they may affect the depth, duration, or frequency of flooding on parcels owned by the City, including parks. Cost estimates will be developed for each alternative, and will allow the RWMWD to budget accordingly should the board choose to move forward with the final design.



This figure is from the Beltline Resiliency Study (Barr, 2020). There are six homes within the floodplain near Central Park. These homes are shown in red on the figure above. This feasibility study will evaluate options for reducing flood risk near the red structures through modifications to the drainage system. Modifications that will be evaluated will include storing more water upstream in Bennet Lake or west of Dale Street and modifying the outlet to Lake Owasso.

Figure 1 Overview of the Drainage Area near Central Park

Work Tasks

- **Task 1. Screening-Level Evaluation of Modifications to the Drainage system.**
 - This task will include a screening level evaluation of potential modifications to the stormwater drainage system. The evaluation will include identification of outlet control structures, overflow elevations, public parcels where more water could be stored during a flood event, and low habitable structures near Central Park and adjacent to other public parcels where flood levels may change as a result of modifications to the system.
 - Barr will not complete any field survey work on private property. Elevations for low habitable structures will be estimated using available topographic information or record drawings provided by the City of Roseville.
- **Task 2. Coordination Meeting 1 with City of Roseville.**
 - Barr and RWMWD will meet with Roseville staff to review potential modifications to the drainage system identified in Task 1. The purpose of the meeting will be to identify modifications for further evaluation and modifications that should be discarded. As part of the discussion, we will request input from City staff for additional modifications that could be considered as part of the feasibility study.
- **Task 3. Hydraulic Evaluation of Flood Risk Reduction Alternatives.**
 - Barr will update the RWMWD stormwater model to evaluate how each alternative changes floodplain elevations in Central Park and in upstream or downstream watersheds. The primary goal will be to remove habitable structures from the 100-year

floodplain. However, we will also simulate more frequent events (e.g., the 2-year and 10-year events) to evaluate how system modifications affect the depth, frequency, and duration of flooding at habitable structures near Central Park.

- **Task 4. Coordination Meeting 2 with City of Roseville.**
 - Barr and RWMWD staff will meet with Roseville to review results from the hydraulic evaluation. Specifically, how each modification affects flood levels in Central Park and in upstream and downstream watersheds. The purpose of the meeting will be to identify up to three of the most feasible alternatives for further evaluation.
- **Task 5. Feasibility Evaluation of Modifications to the Drainage System to Reduce Flood Risk.**
 - Barr will complete the feasibility evaluation for system modifications including development of feasibility-level figures for each modification, constructability review, identification of permit requirements, estimated engineering, permitting, and construction costs to use for future budgeting.
- **Task 6. Prepare Feasibility Study Report.**
 - Barr will develop a feasibility report summarizing the results of Tasks 1 through 5 and identify recommended modifications to reduce flood risk for habitable structures near Central Park. The feasibility study report will also document feedback provided by City staff for Tasks 1-5. and RWMWD staff will meet with Roseville to review results from the hydraulic evaluation.

Budget & Schedule

The total approximate cost for Barr to complete the work outlined above is **\$50,000**, as shown in the table below. The feasibility evaluation of modifications to the drainage system (Task 5) will be complete by mid-summer to allow for use in 2026 budgeting.

Scope	Estimated Cost	Anticipated Completion Date
Task 1. Screening-Level Evaluation of Modifications to the Drainage system.	\$5,000	February 2025
Task 2. Coordination Meeting 1 with City of Roseville.	\$3,000	March 2025
Task 3. Hydraulic Evaluation of Flood Risk Reduction Alternatives.	\$17,000	May 2025
Task 4. Coordination Meeting 2 with City of Roseville.	\$3,000	June 2025
Task 5. Feasibility Evaluation of Modifications to the Drainage System to Reduce Flood Risk.	\$12,000	August 2025
Task 6. Prepare Feasibility Study Report.	\$10,000	October 2025
Total	\$50,000	

Project Tracking

Project Milestones

Milestones	Anticipated Completion Date	Actual Completion Date
Task 1. Screening-Level Evaluation of Modifications to the Drainage system.	February 2025	
Task 2. Coordination Meeting 1 with City of Roseville.	March 2025	
Task 3. Hydraulic Evaluation of Flood Risk Reduction Alternatives.	May 2025	
Task 4. Coordination Meeting 2 with City of Roseville.	June 2025	
Task 5. Feasibility Evaluation of Modifications to the Drainage System to Reduce Flood Risk.	August 2025	
Task 6. Prepare Feasibility Study Report.	October 2025	

Monthly Updates

Month	Budget Spent \$\$ / %
January 2025	\$x / x%

Project Work Plan

Original Date: November 14, 2024

Updated: X

Project: Beltline and Battle Creek Storm Sewer / 5-Year Inspection

Project Team

District Staff: Dave Vlasin (Project Manager)

Barr Staff: Tyler Fincher (Project Manager); Nathan Campeau (Principal)

Scope of Work

RWMWD performs inspections of the entire length of the Beltline and Battle Creek Storm Sewers every 5 years. Barr most recently performed an inspection of the storm sewers in 2020 in conformance with the National Association of Sewer Service Companies (NASSCO) Pipeline Assessment Certification Program (PACP) standards, with detailed inspections in areas that had been rehabilitated in 2016 through 2018, and a less detailed inspection throughout the rest of the storm sewer systems. The NASSCO PACP rating system is the industry standard for identifying pipe deficiencies and rating the overall quality of pipes and storm sewer systems.

In 2024 and 2025, RWMWD and Barr will perform a detailed inspection along the entire Beltline and Battle Creek Storm Sewers.

Coordinating with RWMWD staff, Barr will perform the following work tasks:

Beltline Inspection

1. **Gather/Review Existing Data:** Barr will review existing plan sets of the Beltline Storm Sewer as well as the most recent inspection report.
2. **Perform Pre-Inspection Site Visit:** Barr will conduct site reconnaissance, as needed, to identify access and egress locations for the inspection.
3. **Conduct On-Site Condition Survey:** Barr will conduct a full-system tunnel inspection of the Beltline Storm Sewer by walking. Typically these inspections will require 4-5 Barr staff at a time (3 staff in the tunnel performing the inspection with the other 2 serving as surface attendants). A safety subcontractor is not included in this work scope, as their assistance is not anticipated at this time. However, if conditions warrant it, a safety subcontractor may be engaged for an additional cost. We assume 1-2 RWMWD staff will likely assist each inspection date. We anticipate that 8-10 days of inspection will be required to inspect approximately 33,500 feet of tunnel.
4. **Beaver Lake Branch CCTV:** Barr will hire a CCTV contractor to inspect the upper reaches of the small-diameter Beaver Lake Branch and include these findings in Tasks 5 and 6.

5. **Compile Data:** Following the inspection, all data collected (notes and photos) will be compiled into an Excel-based table that uses the NASSCO PACP coding and rating system to generate statistical tables for 1,000-foot segments of the tunnel. GIS will be used to create figures showing the different condition ratings along the pipe alignment.
6. **Final Report:** A final report will be developed documenting the storm sewer conditions and any recommendations.

Battle Creek Inspection

1. **Gather/Review Existing Data:** Barr will review existing plan sets of the Battle Creek Storm Sewer as well as the most recent inspection report.
2. **Perform Pre-Inspection Site Visit:** Barr will conduct site reconnaissance, as needed, to identify access and egress locations for the inspection.
3. **Conduct On-Site Condition Survey:** Barr will conduct a full-system tunnel inspection of the Battle Creek Storm Sewer by walking. This includes the concrete box culvert that drains Battle Creek beneath Upper Afton Road. Typically these inspections will require 4-5 Barr staff at a time (3 staff in the tunnel performing the inspection with the other 2 serving as surface attendants). A safety subcontractor is not included in this work scope, as their assistance is not anticipated. 1-2 RWMWD staff will likely assist each inspection date as well. We anticipate that 2 days of inspection will be required to inspect approximately 4,500 feet of tunnel.
4. **CCTV:** Not needed for Battle Creek inspections
5. **Compile Data:** Following the inspection, all data collected (notes and photos) will be compiled into an Excel-based table that uses the NASSCO PACP coding and rating system to generate statistical tables for 1,000-foot segments of the tunnel. GIS will be used to create figures showing the different condition ratings along the pipe alignment.
6. **Final Report:** A final report will be developed documenting the storm sewer conditions and any recommendations.

Beltline Detailed Survey

1. **Gather/Review Existing Data:** Barr will review existing plan sets and existing survey data of the Beltline Storm Sewer.
2. **Site Survey:** Barr will conduct a baseline survey of the Beltline Storm Sewer. This includes a manual survey of the storm sewer centerline from within the storm sewer to collect the tunnel inverts and alignment. A 2-person in-tunnel team with 2 surface attendants is anticipated to be complete this survey. We are coordinating this survey with the Beltline tunnel inspection to reduce costs. The budget assumes that 5 days of the survey will be coordinated with inspections to reduce the need for surface attendants. Due to the small size of the pipe, the

survey of the Beaver Lake Branch will be conducted from the surface at manhole locations; staff will not enter this section of the Beltline.

3. **Data Processing - Updating Records:** Barr will post-process the survey data and update the existing Beltline GIS database. Barr will provide a GIS shapefile of the storm sewer alignment for RWMWD.

Budget

The total approximate cost for Barr to complete the work outlined above is **\$235,000**, as shown in the table below. This represents a change from the original inspection budget due to the addition of detailed survey of the Beltline alignment to this scope. Combining these efforts will allow for budget efficiencies through coordinating in-tunnel inspection and survey tasks to occur at the same time as much as feasible.

Scope	Estimated Cost
Inspections	\$165,000
Beltline Survey	\$70,000
Total	\$235,000

Schedule

The storm sewer inspections and survey tasks of the work scope above are currently scheduled to begin the week of January 13, 2025, assuming favorable and safe conditions in the tunnels. Inspections will be performed as quickly as weather and staffing allows, with a goal of completing the inspections before the end of March (snowmelt). Additional inspections, if needed, will occur as weather allows in the spring. The final report will be provided in draft format to RWMWD within 4 months of the completed inspections.

Project Tracking

Project Milestones

Milestones	Estimated Completion Date	Actual Completion Date
Beltline & Battle Creek Inspections		
Tasks 1 and 2 Complete	December 2024	
Task 3 Complete	Beltline – Jan 2025 MR Branch – Feb 2025 Battle Creek – Mar 2025	
Task 4 Complete	April 2025	
Task 5 Complete	May 2025	
Task 6 (Draft) Complete	June 2025	
Task 6 (Final) Complete	July 2025	
Beltline Detailed Survey		
Task 1	January 2025	
Task 2	February 2025	
Task 3	April 2025	

Monthly Updates

Month	Budget Spent \$\$ / %
<i>December 2024</i>	\$x / x%

Administrator's Report

MEMO

TO: Board of Managers and Staff
FROM: Tina Carstens, Administrator
SUBJECT: November Administrator's Report
DATE: December 4, 2024

A. Meetings Attended

Friday, November 1	12:00 PM	Beltline Investigation Meeting
Wednesday, November 6	11:00 AM	Health Benefits Meeting
	2:00 PM	MAWA Executive Committee Meeting
	6:30 PM	Board Meeting
Tuesday, November 12	9:00 AM	Washington County Budget Meeting
Wednesday, November 13	12:00 PM	Administrator's Meeting
Tuesday, November 19	9:30 AM	Minnesota Watersheds Workshop
Thursday, November 21	12:00 PM	Metro-INET Strategic Planning
December 3 – December 6	ALL DAY	Minnesota Watersheds Conference

B. Upcoming Meetings and Dates

Staff and Board Holiday Party	December 19, 2024
January Board Meeting	January 8th, 2025

C. Staff Anniversaries

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

December 22th	Dave Vlasin	16 years*
December 31th	Kyle Kubitza	4 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 runs Tuesday, December 3rd, through Friday, December 6th. During this time, staff and board members can share their takeaways from the conference.

Board of Managers 2024 Action Log

Wednesday, December 11, 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: December 2024
Date: November 27, 2024

Note: *The location, brief description, and current status of each project described below can be found on the [2024 Ramsey-Washington Metro Watershed District \(RWMWD\) engineering services story map](#).*

Project feasibility studies

A. 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 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 continued coordinating with the RWMWD on the WARP presentation for the Minnesota Watersheds Conference in December.

B. Ames Lake area flood risk reduction planning (Barr project manager: Matt Metzger; RWMWD project manager: Tina Carstens)

The purpose of this study is to complete a planning-level evaluation to identify potential modifications that reduce flood risk to homes and businesses near Ames Lake, supported by the City of Saint Paul. Work includes coordinating discussions with the city; reviewing potential pipe alignments, land acquisition costs, utility conflicts, and permitting issues; and completing the related design. This follow-up planning study was identified in the Beltline resiliency study.

Minimal activity occurred this month. The Housing and Redevelopment Authority (HRA) board continues to review its property portfolio and develop a long-range plan for several properties, including those near Ames Lake. The RWMWD is waiting to hear whether the HRA-owned property near Ames Lake can be used for flood risk mitigation. Paige Ahlborg last contacted the HRA in September to check on the status of the HRA’s internal work steps.

C. 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.

This period, Barr finished writing the 2024 assessment report, including final recommendations for tree trench management, rain garden maintenance, and stormwater structures maintenance. We have also completed editing and graphics and delivered them to the RWMWD.

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 continued maintenance work on the Willow Pond continuous monitoring and adaptive control (CMAC) system, including analyzing the downloaded water level information and other data review associated with fixing the actuator valve and cleaning the outlet structure. Barr and the RWMWD continue to monitor the system and data.

Watershed management plan update

E. Stakeholder engagement (Barr project manager: Greg Williams; RWMWD project manager: Tina Carstens)

The purpose of this project is to help the RWMWD collect and interpret partner input as the district updates its watershed management plan.

During this period, Barr developed plan update notification letters, which will be sent to plan review authorities to collect input consistent with Minnesota Rules 8410. Next steps include conducting separate workshops with RWMWD staff, the board of managers, the CAC, and city/partner staff to discuss priority issues for Plan development. The staff workshop is tentatively planned for December, to be followed by Board and CAC workshops in January, before meeting with city and partner staff at the January 21, 2024 public works meeting.

F. 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 revised the proposed plan update flowchart and coordinated with the RWMWD to begin stakeholder engagement.

Project operations

G. 2024 Tanners alum facility monitoring (Barr project manager: Meg Rattei; RWMWD project manager: Eric Korte)

The purpose of this project is to complete the monitoring and reporting required by the general National Pollutant Discharge Elimination (NPDES)/State Disposal System (SDS) permit for municipal separate storm sewer systems (MS4s).

The system began running for the season on April 23 and continues to be operational. Barr has completed the weekly water-quality and continuous-flow monitoring required by the MS4 permit, except when the facility was not operational and no monitoring was required. No monitoring occurred when the facility was shut down in June for replacement of the pH probe and for two weeks in October due to dry climatic conditions that resulted in no inflow. The facility resumed operation on October 24 when a precipitation event caused inflow to the treatment facility; required monitoring also resumed. Barr has submitted the 2023 data to the Minnesota Pollution Control Agency (MPCA) EQuIS database.

H. 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 City of Maplewood in operating lake outlet control structures.

This month, Barr developed a quick reference guide to inform operation of outlet structures or implementation of emergency response plans for Lake Phalen, Keller Creek, Twin Lake, West Vadnais Lake bypass, McKnight Basin, Tanners Lake, Battle Creek Lake, and Gervais Lake. The guide summarizes key information for the RWMWD to reference without having to review the detailed operation plans or emergency response plans. Barr will provide the draft guide to the RWMWD for review in December.

Capital improvements

I. 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. Over the past month, Barr has been developing the record drawing set using the as-built elevations from Peterson Companies. Barr and the RWMWD also coordinated with Target on snow stockpile recommendations to protect the rain gardens and young plants.

Kurilla Contracting's construction retainage will not be released this month, as we are awaiting submittal of Kurilla's IC134 documentation.

J. Roosevelt Homes (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to create construction documents for a multi-phase flood management and water quality improvement project at the Roosevelt Homes public housing area in Saint Paul.

Roosevelt Homes is a flood-prone multi-family housing area owned by the Saint Paul Public Housing Authority. During the first part of this one- to two-year phased retrofit, two stormwater basins were constructed in late 2023. The vegetation components were planted in 2024. The project was awarded an MPCA Implementation Grant for Stormwater Resilience, which will offset most of the RWMWD funding for the third phase.

MNL was on site in mid-November to seed the prairie hillside (phase 2). Also in November, Barr completed and submitted drawings to the City of Saint Paul for site plan review. We are waiting for the city to set up the project before we upload all documents to the plan review portal.

K. 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.

Barr received site surveys and concept design has begun for the Maplewood Toyota and Cochran Recovery Services sites. Because Maplewood Toyota is surrounded by Kohlman Creek and its associated wetland system, Barr completed a wetland delineation. For the Saint Paul Youth Services site, we delivered a structural engineering report to the RWMWD and AD Greenroof, who will support the owner in selecting an appropriate green roof system for the rooftop.

L. Stewardship grant program (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

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.

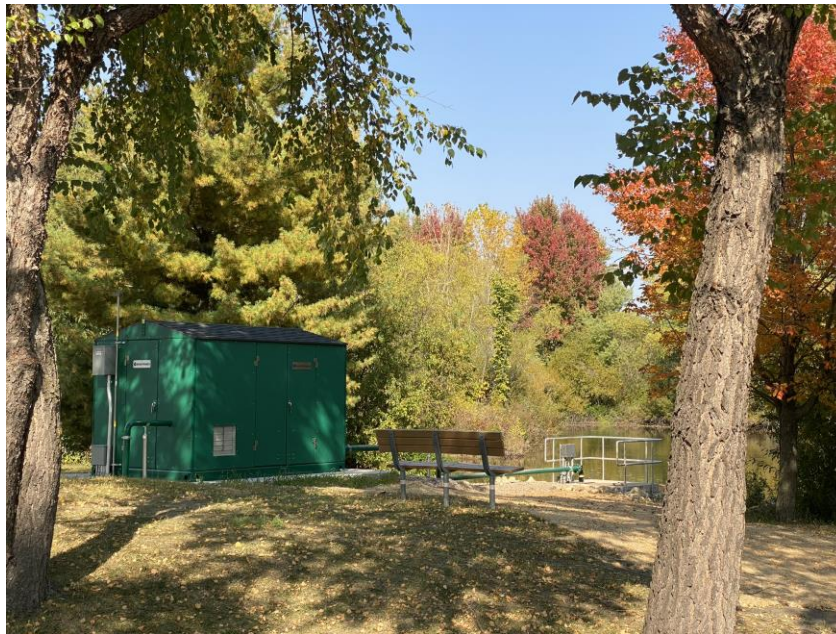
This period, Barr helped the RWMWD discuss the delineation between stewardship grants and retrofit projects. We also provided as-built drawings for Woodland Hills Church.

M. Pioneer Park stormwater reuse (Barr project manager: Jennifer Koehler; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to complete 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.

With the RWMWD and the City of Little Canada present, Peterson Companies completed preliminary pressure testing of the WaterTronics reuse pumps and treatment system at Pioneer

Park. A leak was identified with the startup due to the directional drilled electrical damaging the existing irrigation mainline; Peterson has repaired all issues. Barr provided a preliminary punch list of remaining work, and Peterson is addressing all items and modifying the piping in the park pavilion. Additionally, Barr and the RWMWD gave a tour of the system to the Vadnais Lake Area Watershed Management Organization and Ramsey County. In the next week, we will meet with Peterson in the field to discuss remaining items. In spring 2025, Peterson will start up the reuse system and train the RWMWD and the city so the system will be ready for the 2025 irrigation season.



N. 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, the RWMWD, and property owners continued to discuss signing the purchase agreements. These conversations have progressed positively; two property owners have verbally agreed to sign on conditions. The RWMWD, Barr, and the district's legal counsel will 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. Discussions with a third property owner are ongoing.

O. 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.

This month, Barr continued coordinating the construction schedule, preliminary submittals, and initial site removals with Dimke Excavating. The restoration contractor completed the first round of buckthorn treatment from November 10 to 15. In addition, Barr worked with the City of Shoreview, the RWMWD, and the tree removal contractor to mark trees to be preserved and removed. The contractor installed the sediment construction entrance and will begin tree removal activities on November 26.

P. 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, Barr worked with Bituminous Roadways to address minor drainage down the private driveway off of County Road C. The chosen solution was to construct a small swale with rip rap to convey driveway drainage to the creek. Bituminous Roadways installed curb on November 14 and completed Ramsey County's mill and overlay project (separate from the RWMWD's project). The final pay application will be submitted next month, after which the RWMWD will request reimbursement from Ramsey County.



Q. 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 continued coordinating with a drilling company to collect soil borings at the two locations for final design of flood risk reduction improvements. On November 12, our team completed topographic survey of the site, which will be used to set up design base files. Over the next month, we will advance the design of improvements for RWMWD, Ramsey County, Maplewood, and North Saint Paul review. The tentative schedule is to solicit bids during winter 2024–2025 and construct in summer 2025.

R. 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.

This period, Barr completed laboratory analyses on the collected sediment cores, analyzing the different fractions/species of phosphorus, organic matter, and moisture content of the sediment. We also sent sediment samples to RMB Environmental Laboratories, Inc., to inspect for total iron and total aluminum in the sediment. This data will be used to design an alum treatment for the lake. Treatment is expected to occur in 2025.

Capital improvement plan (CIP) project repair and maintenance

S. Routine CIP inspection and unplanned maintenance identification (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)

The purpose of this study is to address unplanned and routine maintenance of the RWMWD's existing capital improvement projects not included in the annual CIP maintenance and repairs project.

During November, Barr continued discussing additional sites that may need attention in the upcoming year as well as planning the 2025 Beltline and Battle Creek five-year inspections. Work on the 2025 CIP maintenance and repairs project (discussed below) took place under this project until board approval at the November 6 meeting.

T. 2025 CIP maintenance and repairs (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 directed by the board last month, Barr finalized design, prepared bidding documents, and advertised the project for bid. A bid opening is planned for December 2 at 2:00 p.m. We will present the bids to the managers at the December 11 board meeting. If they determine it appropriate, the managers should award the work to the lowest responsive and responsible bidder deemed to be in the best interest of the project. If the project is awarded at the December meeting, construction will likely begin in early January. A separate memo with bidding results is attached to this project status report.

U. Beltline and Battle Creek storm sewer five-year inspection and Beltline detailed survey (Barr project managers: Tyler Fincher and Nathan Campeau; RWMWD project manager:

Dave Vlasin)

The purpose of this project is to complete the five-year inspections of the Beltline storm sewer interceptor and Battle Creek storm sewer as well as a detailed survey of the Beltline storm sewer interceptor.

The RWMWD inspects the entire length of the Beltline and Battle Creek storm sewers every five years using the National Association of Sewer Service Companies' (NASSCO) Pipeline Assessment Certification Program (PACP) standards. The NASSCO PACP rating system is the industry standard for identifying pipe deficiencies and rating the overall quality of pipes and storm sewer systems.

In early 2025, the RWMWD and Barr will perform a detailed inspection along the entire Beltline and Battle Creek storm sewers. Barr will also conduct a detailed survey of the entire Beltline system to determine the location and elevation of the tunnel to form the baseline for future rehabilitation projects, inform other storm sewer infrastructure projects that need to connect to the Beltline, and help with conflict avoidance for other infrastructure projects (e.g., roadway improvements).

In November, Barr began coordinating and scheduling inspections to begin in January 2025.

V. 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 early July 2023, a sinkhole was discovered over the Beltline interceptor Mississippi Branch alignment, just upstream of the outfall into the Mississippi River. An inspection inside the tunnel revealed two holes in the sides of the large steel pipe section about 10 feet from the outfall to the river, as well as another tunnel area needing immediate attention. During repair, it became clear that a more extensive, long-term repair would be needed for approximately 70 feet of corroded steel tunnel. Barr completed hydraulic evaluation of several repair alternatives and construction feasibility as well as a cost estimate for the selected alternative, which includes full replacement of the steel pipe section.

In November, Barr helped the RWMWD review submittals, coordinated additional site investigations with the contractor, and facilitated meetings with the Saint Paul Port Authority (SPPA) to develop an approach to excavation while protecting SPPA infrastructure. Construction and repair are planned for late fall and winter 2024–2025.

W. Natural resources update: Paul Erdmann

Increasing Biodiversity at Restoration Sites Ecological Restoration practitioners tend to build upon success by using the same methods for each project. This is especially true when it comes to choosing native plant species for a given project. We select native plants that are affordable/commonly produced by vendors, quick to establish, showy, and species that are “tried and true”- plants we know will be successful due to past experience or knowledge. This can result in native plant communities that are the same for each project regardless of other factors, such as location, aspect, soils, etc.

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A similar dynamic plays out with restoration practitioners and our general dislike of woody species. We know that we have many more trees, shrubs, and vines on the landscape that we did 200 years ago. This is due to many factors, but the big ones are invasive species (e.g. buckthorn) and lack of fire and large grazers. So, our management favors the removal of woody species in order to restore or reestablish more open plant communities, such as savannas and prairies. What can be lost with this management mindset, or at least not as prioritized, is the health and diversity of our native woody species that will remain, or be restored, on the landscape.

In recent months, the Natural Resources Program has been challenging ourselves and these familiar approaches by planting species that are not often used in restorations, and also planting more trees, shrubs, and vines at our managed sites. We planted prairie violet at Keller Shore and in the Gateway Prairies at Keller Regional Park. We also planted wood lily bulbs at several of our sites. We collected remnant whorled milkweed from a golf course that is soon to be a housing development, propagated the seed, and planted it at some of our sites. At Lake Owasso, Casey Lake, Keller Shore, and the East Gateway Prairie, we planted black cherry, pin cherry, wild plum, snowberry, red osier dogwood, Bebb's and pussy willow, American highbush cranberry, serviceberry, nannyberry, false indigo, downy hawthorn, red vine honeysuckle and Virgin's bower. We also planted these last two vines/climbing plants, along with American bittersweet next to the office outdoor arbor, that covers our patio area. Last year, we planted Michigan lily at the office. At the Gateway Prairie East, we installed "Berryville"- a



L and R Paul and Bjorn plant wood lily bulbs. Middle- Installing Berryville

bunch of berry producing trees and shrubs, on a wooded edge where the CAC removed buckthorn in 2023. All of these species are great plants for pollinators and/or birds and other wildlife will from them benefit as well. Adding trees and shrubs to a project also provides vertical structure and diversity, providing nesting and resting areas for wildlife. Trees and shrubs also prevent flooding, help with water quality, and help regulate temperatures and mitigate climate change.

Our tree and shrub planting coincided nicely with Simba Blood receiving an award at the recognition dinner, and Sage Passi's retirement. I asked both what their favorite tree or shrub is. Simba picked

snowberry and Sage picked American basswood. We planted these species in their honor at Keller Regional Park and let them know where they can find them.

Fall Prescribed Burns The mild fall and lack of snow allowed us to do several prescribed burns at our sites, mostly catching up from sites we couldn't burn in the spring due to weather or other work going on. A site at Keller Golf Course that hadn't been burned in over 7 years will benefit from a good burn due to favorable conditions. Several sites at Goodrich Golf Course and others at Keller were also burned. We were assisted on some burns by other District staff and Ramsey County staff



Left- Sommer & Bjorn burn stuff. Right- Monitoring & Research Program Manager Eric Korte looks for hot spots/strikes a pose

A Conference All About Our Work In early November, the NR team attended the Upper Midwest Invasive Species Conference in Duluth. This is a biennial conference that addresses all taxa of invasive species. This year, UMISC celebrated 16 years of connecting the invasive species management, research, and policy community. The NR team attended tours of the St. Louis River Corridor restoration project, the Lake Superior Estuarium, and the Ballast Water Testing facility operated by the Lake Superior Research Institute at UW-Superior. We attended many great sessions about the prevention and management of invasive species and networked with many of our friends and partners. The conference also featured an art show, where attendees were encouraged to enter their invasive species and outdoor related artwork. Sommer entered her crocheted "Craig the Carp" and Paul entered "Exotic Triptych- Scans of Old Journal Sketches, 2008-2009." The board is welcome to come view this art in the Natural Resources wing of the office any time.



Sommer and Paul with their artwork at the conference.

Farewell Sommer and Bjorn

On November 29th we said: "Farewell, for now" to NR interns, Sommer Meyer and Bjorn Bergerson. Sommer continues classes at St. Paul college while considering grad school and pursuing a career in

oceanography. Bjorn looks forward to traveling, birding, and possibly pursuing a career in ornithology and bird conservation.

We thank Sommer and Bjorn for all their great work in adverse conditions this spring, summer and fall! Their can-do attitudes and willingness to learn will be missed.



Sommer & Bjorn, all smiles, in the rain, in the lake, Keller Shore

X. Communications and engagement report: Lauren Hazenson & Carrie Magnuson

Education Highlights

Farnsworth Aerospace Elementary Neighborhood Cleanup (Eastside St. Paul)

Debris was wet and heavy from rain over the weekend, but these kids were not afraid of hard work! On the first clean-up day, students from Sara Young's and Malina Xiong's classrooms cleaned 46 contractor bags of leaves while cleaning along Hyacinth Ave E near their school. The following day, students from Paul Teske's and Kia Thor's classrooms cleaned 41 contractor bags of leaves while cleaning along Clear Ave E near their school. A total of 108 students from 3rd and 4th grade classrooms participated in this activity.



St. John The Evangelist School walking field trip (Little Canada)

Carrie walked with 22 6th-grade students from their school to the RWMWD office, where they studied how the onsite BMPs (porous pavers, porous pavement, green roof, and rain gardens) worked to

improve water quality. Students then briefly walked through the building to observe how artists and architects communicated stormwater principles using artistic elements. Next, the class visited the Gervais Mill Ponds, where they took water quality parameters, including dissolved oxygen, pH, clarity, and temperature measurements from Gervais Creek, where it enters the ponds.

Their teacher, Ellie Kriese-Molnar, would like to take at least two more readings along Gervais Creek during the school year, with a goal to get measurements before it enters the settling ponds and just before it exits to go to Gervais Lake.



L'Etoile du Nord Classroom Activity (Eastside St. Paul)

The 3rd-grade students participated in an EnviroScape activity illustrating how watersheds work and how runoff pollution can impact them. Then, students engaged in a hand-on theater activity with puppets where they acted out the story of Ames Lake and how it was converted to a shopping mall and then restored back to its current glory.

Communications and Engagement Highlights

2024 Recognition Dinner

Approximately 88 attendees enjoyed an evening of celebration at Keller Golf Course on November 21st, during which we highlighted the contributions of RWMWD volunteers and award winners. Based on post-event survey feedback we received last year, we condensed portions of the program that were not dedicated to award recipients and slightly expanded the amount of time focused on each awardee. This allowed us to reduce the presentation time from 2 hours to 90 minutes. Similar to last year, each awardee was introduced by a video and a speaker.

EMWREP High School Job Shadowing Program Pilot

This program is a partnership between EMWREP, RWMWD, and the South Washington Watershed District. Its goals are to guide the next generation into land, water, and natural resource professions, provide a more equitable opportunity to engage in hands-on activities focused on watershed management, and bring in diverse voices to more completely reflect the community we work in, contributing to overall organizational effectiveness. Participants would gain real life experience in a wide range of water management careers, learn about watershed ecology, and spend time in informational interviews with water resource professionals. The pilot will focus on 8- 10 rising juniors or seniors at

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Tartan High School who either identify as BIPOC, live in a rental property, live in a household that is 200% or below the state poverty guideline, or live in a household with three or more generations present. These categories are designed to recruit youth who are underrepresented in the water management field.

Additionally, this program allows RWMWD to expand our high school programming without increasing the staff workload. Many of our current education programs focus on elementary schools, and our department is looking at opportunities to leverage our current capacity to reach older students. Staff will meet with Tartan High School leadership, along with our project partners, in mid-December.

Outreach and Engagement Volunteer Program Pilot

This project, headed by GreenCorps Member Cooper Klotzbach, has recruited a pilot team of four CAC volunteers to provide input on program materials and processes. Cooper has completed the job description, training outline, and orientation process documents and will focus on getting the online volunteer training ready in December. We hope to begin assigning volunteer opportunities to this pilot group in April.

Eastside St. Paul Outreach Pilot

GreenCorps Member Cooper and District 2 Climate Action Corps Member Jess doorknocked at 22 homes and spoke to five residents before the weather conditions forced the team to end early. Nonetheless, this practice doorknocking session of a few blocks within the targeted area allowed us to gauge the effectiveness of this outreach method on the eastside and formulate other outreach measures planned for next spring.

50th Anniversary Planning

Our staff event planning subcommittee met this month and set a tentative date range for the 50th anniversary celebration: September 11th or the 18th from 3pm – 6pm. Potential event activities include a sound garden at Gervais Mill Ponds, Ask a Master Gardener booth, Ask a Water Steward booth, slide shows of District projects and history on the office TVs, office tours, partner tabling, trivia, and a short program on the back patio.

New Powerpoint Template

Our current powerpoint template, which is used for community presentations and conferences, was getting rather outdated. Lauren worked with StudioLola to gather input from staff presenters and design a template with a newer look that is also adherent to brand standards.

Newsletter	December 2024 Report	November 2024 Report
Opens	51.1%	61.7%

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Audience	1,644	1,604
Social media (Facebook, YouTube, Instagram, LinkedIn)		
Facebook		
Reach	216	338
Engagement (Likes, Shares, Comments)	55	12
Followers	1,732	1,733
Instagram		
Reach	1,001	488
Engagement	64	24
Audience	974	978
YouTube		
Views	1,510	417
Watch time(hours)	41.8	14.6
Subscribers	352	349
Viewers	1,251	323
LinkedIn		
Reach	194	112
Audience	447	8