



**RAMSEY-WASHINGTON**  
METRO WATERSHED DISTRICT

# **May 2025 Board Packet**

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# Agenda

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## Regular Board Meeting Agenda

Wednesday, May 7, 2025

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 April 2, 2025 (pg. 7)
  - B. Approval of Special Workshop Meeting Minutes April 2, 2025 (pg. 15)
  - C. Treasurer's Report and Bill List (pg. 16)
  - D. Regulatory Program
    - i. 25-10 Maplewood 2025 SIP – Prosperity Road, Maplewood (pg. 32)
    - ii. 25-11 Helmo Station Development, Oakdale (pg. 38)
  - E. Stewardship Grant Program
    - i. 25-15 CS Pioneer Park Stormwater Enhancements (pg. 44)
    - ii. 25-18 CS Cherokee Hills 3 (pg. 46)
    - iii. 25-19 CS Parnell (pg. 48)
    - iv. 25-20 CS Oakdale 2025 Street Sweeping (pg. 50)
  - F. County Road C Culvert Replacement – Change Order No. 2 (pg. 51)
  - G. CIP Maintenance and Repair – Change Order No. 2 (pg. 54)
4. Visitor Comments (limited to 4 minutes each)
5. Regulatory Program
  - A. Applications
    - i. **25-12 Oakdale 2025 SIP, Oakdale (pg. 59)**
  - B. Vadnais Heights Affordable Housing Project Introduction and Discussion (pg. 66)
  - C. Regulatory Monthly Memorandum (pg. 87)
6. Stewardship Grant Program
  - A. Applications – see consent agenda
  - B. Budget Status Update (pg. 92)
7. Action Items
  - A. **2024 District Annual Financial Audit (pg. 94)**
8. Attorney Report
9. Board Discussion Topics
10. New Reports and/or Presentations
  - A. 2024 Water Monitoring Annual Report Presentation, Eric Korte ([Link to Report](#))
  - B. RWMWD Watershed Management Tools Memo (pg. 116)
11. Administrator's Report (pg. 120)

- 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. 124*)
  - Project Feasibility Studies*
    - A. Manufactured Homes Resilience Evaluation
    - B. Evaluation of Compliance with South Metro Mississippi River TSS TMDL
    - C. Street Sweeping
    - D. Interim Emergency Response Plans
    - E. Roseville Central Park Flood Risk Reduction Feasibility Study
    - F. Stormwater Model Updates
  - Monitoring Water Quality/Project Monitoring*
    - G. Annual Water Quality Report Assistance
    - H. Special - Project BMP Monitoring
  - Watershed Management Plan Update*
    - I. Watershed Management Plan Update: Phase 1- Stakeholder Engagement
  - Lake Studies and TMDL Reports*
    - J. 2025 Grant Applications
  - Research Projects*
    - K. New-Technology Mini Case Studies
  - Project Operations*
    - L. Lake-Level Station Maintenance and Rain Gauge Installation
    - M. Lake-Level Station Forecast Integration
  - Capital Improvements*
    - N. Roosevelt Homes
    - O. Targeted Retrofit Projects 2025
    - P. Stewardship Grant Program
    - Q. Pioneer Park Stormwater Reuse
    - R. Fish Creek Tributary Improvements
    - S. Cottage Place Wetland Restoration
    - T. County Road C Culvert Replacement
    - U. Kohlman Creek Improvements
    - V. Lake Wabasso Outlet Replacement
    - W. Kohlman Lake Alum Treatment
  - CIP Project Repair and Maintenance*
    - X. Routine CIP Inspections and Unplanned Maintenance Identification
    - Y. 2025 CIP Maintenance and Repairs
    - Z. Beltline Long-Term Fix Near River Outfall
    - AA. Beltline and Battle Creek Storm Sewer Five-Year Inspection
  - Program Updates*
    - BB. Natural Resources Program
    - CC. Communications and Outreach Program
    - DD. Citizen Advisory Committee
- 13. Manager Comments and Next Month's Meeting
- 14. **Adjourn**





# **RAMSEY-WASHINGTON**

## **METRO WATERSHED DISTRICT**

### **NOTICE OF BOARD MEETING**

**Wednesday, May 7, 2025**

**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/87646671439>

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 **876 4667 1439**. The meeting password is **136552**. If you have any questions, please contact Tina Carstens at [tina.carstens@rwmwd.org](mailto:tina.carstens@rwmwd.org).

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# Consent Agenda

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**Ramsey-Washington Metro Watershed District  
Minutes of Regular Board Meeting  
April 2, 2025**

The Regular Meeting of April 2, 2025, 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/aNUC8Ev7uxE>. Video time stamps are included after each agenda item in minutes.

**PRESENT:**

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

**ABSENT:**

**ALSO PRESENT:**

**Staff:**

Tina Carstens, Administrator  
Paige Ahlborg, Assistant Administrator  
Lauren Hazenson, Communications Program Manager  
Nicole Maras, Regulatory Program Manager  
Mary Fitzgerald, Regulatory Specialist  
Paul Erdmann, Natural Resources Program Manager  
David Vlasin, Project Coordinator  
Kyle Kubitza, Monitoring Technician  
Kendra Kloth, Regulatory Technician

**Consultants:**

Tracey Galowitz, Attorney for District  
Brandon Barnes, Barr Engineering

**Visitors:**

Paul Tragiai, Resident  
Bob Terry, Resident  
Richard Sawdey, Visitor

**1. CALL TO ORDER**

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

**2. APPROVAL OF AGENDA (0:13)**

President Eisele requested to move item 3F Pioneer Park Stormwater Reuse Project – Change Order No. 3 to action item 7D.

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

Motion carried unanimously.

**3. CONSENT AGENDA (1:09)**

- A. Approval of Regular Meeting Minutes from March 5, 2025
- B. Treasurer's Report and Bill List
- C. Permit Program
  - i. 25-07 RWMWD Maplewood Toyota Retrofit, Maplewood
  - ii. 25-09 Little Canada Pioneer Park Stormwater, Little Canada

- D. Stewardship Grant Program
- i. 25-08 CS Ley
  - ii. 25-09 CS Applewood Pointe of Shoreview Phase 3
  - iii. 25-10 CS Washington County Community Development Authority
  - iv. 25-11 CS Pitrina Park Terrace HOA Phase 2
  - v. 25-13 CS Woodbury 2025 Street Sweeping

E. ~~Beltline Mississippi River Branch Repairs – Change Order No. 3~~

F. ~~Pioneer Park Stormwater Reuse Project – Change Order No. 3~~

President Eisele asked for information on what drove the new permit application for increased flood storage for permit application 25-09 Pioneer Park Stormwater, Little Canada.

Nicole Maras explained a permit was triggered due to the area of disturbance being over one acre as well as floodplain rules. Nicole stated that mapping showed a large area of the park being inundated in a 100-year event.

President Eisele questioned if this permit was related to other work being completed at Pioneer Park.

Nicole explained the City of Little Canada had been looking to add additional capacity to the stormwater reuse system, noting the District led stormwater reuse project. Nicole explained that the work being proposed would tie into the stormwater reuse system.

Manager Gernes asked for details of the compensatory storage being provided in permit application 25-07 RWMWD Maplewood Toyota Retrofit, Maplewood.

Nicole Maras provided details of the compensatory storage and noted that it would be provided on site, adjacent to the wetland.

President Eisele asked for more information on the Beltline Mississippi River Branch repairs and the ownership of the repaired deadmen and tie backs.

Brandon Barnes stated that they are owned by the St. Paul Port Authority. Brandon explained that they were disturbed during the completion of the Beltline stormsewer outfall repairs and the problem had been identified at that time. Brandon explained that if the deadmen and tie backs had been covered back up in the condition, they were found in, it could cause a failure at the Beltline stormsewer outfall.

Manager Gernes asked whether having a clearer understanding of the locations would have led to a different approach to the Beltline stormsewer repairs.

Brandon explained that the repair designs were based on the hydraulic capacity needed at that location. Brandon stated that the geometry of the pipe was selected based on the smallest footprint for the hydraulic design at the location and while the repairs may not have changed there would have been a better estimate of the total cost.

Tina Carstens stated that due to it being uncovered during the District's project and the potential for a failure or damage to the District project it was necessary to complete the repairs and replacement. Tina explained that the District would continue discussions with the St. Paul Port Authority in regards to recouping partial costs.

Manager Gernes stated that he could understand the District covering the entire cost if the damage had been done by the District, noting that the District had only uncovered the failure. Manager Gernes stated that he felt it made sense for St. Paul Port Authority to share in the repair costs.

President Eisele agreed that the cost should be shared. President Eisele requested item 3E Beltline Mississippi River Branch repairs – change order no. 3 moved to action item 7E for further discussion and approval.

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

Motion withdrawn.

Motion: Manager Karp moved, Manager Gernes seconded to remove item 3E Beltline Mississippi Branch repairs, change order no. 3 from the consent agenda and move it to action item 7E.

Motion carried unanimously.

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

Motion carried unanimously.

*Discussion moved to action item 7E.*

#### **4. VISITOR COMMENTS (22:00)**

Bob Tragiai introduced himself stating that he was a resident that lived on the east shore of Lake Owasso. Bob noted that he had a shoreline restoration grant from the District. Bob stated that he was concerned with the lake level of Lake Owasso. Bob explained that he had noticed loss of shoreline and wanted to address further loss to protect the shoreline restoration work being done.

Tina Carstens provided information on the monitoring and inspection completed to make sure there are no points of backup due to blockages. Tina also provided information on water level monitoring that is done by the District.

Bob Tragiai also saw large amounts of ice heaving on the shoreline and wondered if anything could be done to help with or prevent further damage.

Tina Carstens stated that staff would follow up with the resident after the meeting. Tina provided Bob Tragiai with information on where the Lake Owasso level information could be found on the District's website.

#### **5. PERMIT PROGRAM (28:44)**

##### **A. Applications**

##### **i. 25-08 Woodbury High School Addition, Woodbury**

Nicole Maras provided details of the project at Woodbury High School, noting that two small additions and parking lot improvements were being proposed. Nicole stated that the plans included at grade filtration basins, and surface filtration basins due to poor soils. Nicole noted that there were some jurisdictional issues with the wetlands on the site. Nicole stated that portions of the on-site wetlands were considered historical, and portions were considered excavated for stormwater purposes. Nicole explained that a wetland delineation was completed and WCA approvals had been requested. Nicole noted the WCA approvals included an exemption request for a new flared end structure on the southeast corner of the wetland. Nicole provided details of the flared end structure's location. Nicole stated that there was a variance request for disturbance to the buffer.

Manager Wang asked for more information on the larger filtration basin being proposed. Manager Wang noted that a pollinator garden had been planted by the Woodbury Environmental Club students in that area. Manager Wang suggested an opportunity to engage with the Woodbury Environmental Club with the plantings on-site or in other restoration areas.

Nicole Maras explained that the work would be completed with contractors hired by the property owner, which was Woodbury High School. Nicole stated that she would share information on the location of the student's pollinator garden with those working on the project.

President Eisele asked for more information on the two encroachments in the plans provided.

Nicole Maras clarified that there would be areas with temporary disturbance while the proposed flared end within the boundary of the wetland would be a permanent disturbance. Nicole noted that WCA approval had been given for the permanent impact.

President Eisele asked for more information on the jurisdictional challenges at the site.

Nicole explained the process of review that took place to determine the boundaries of the wetlands. Nicole noted that once arial photos and grading plans were provided it was determined that the site had both historical wetlands and areas that had excavated for stormwater purposes adjacent to the historical wetlands.

Motion: Manager Karp moved, Manager Gernes seconded to approve permit application 25-08 Woodbury High School Addition, Woodbury.

Motion carried unanimously.

**B. Permit Program Monthly Memorandum**

Nicole Maras provided an overview of the permit program monthly memorandum which included violations given over the past month, meetings of interest and a summary of projects that were resuming or starting up that will be inspected throughout the field season. Nicole provided an update on the Gold Line site noting that while much of the work had been completed there was still work to be done with the permanent stormwater facilities and confirming who will be owning and maintaining BMPs.

**6. STEWARDSHIP GRANT PROGRAM (39:13)**

**A. Applications – None**

**B. Budget Status Update**

Paige Ahlborg provided an update on the Stewardship Grant program budget. Paige noted that there had been some staff approvals and the five approvals included in the consent agenda. Paige stated that site visits were picking up for the season, and there were many incoming consult requests and a few projects carried over from the previous year.

**7. ACTION ITEMS**

**A. Roosevelt Homes Phase 3 Bid Awards (40:33)**

Brandon Barnes provided details of the earlier phases of the Roosevelt Homes project, noting that the third phase included conveyance improvements to get water from the parking lot into the basins that were constructed in phase one. Brandon stated that four bids had been received, with Shoreline Landscaping being the lowest responsible bidder. Brandon noted that the bids had been higher than the engineer's estimate. Brandon explained that the noticeable difference was in the mobilization costs. Brandon provided details on the work to be completed and explained that the additional coordination needed with the property owner could be reason for the higher-than-expected bids.

Motion: Manager Gernes moved, Manager Wang seconded to accept the bids and award the 2025 Roosevelt Homes Phase 3 project to Shoreline Landscaping and Contracting, direct staff to prepare and mail the notice of award prepare the agreements and review the required submittals.

Motion carried unanimously.

**B. Maplewood Toyota Contactor Selection (45:30)**

Brandon Barnes provided details of the Maplewood Toyota Contractor Selection. Brandon explained that this project did not meet the threshold to go out for public bid, noting that there had been requests for quotes. Brandon reviewed the engineer's estimate of probable cost and the lowest quote received.

Motion: Manager Grogan moved, Manager Karp seconded to approve the selected contractor, and direct staff to prepare contracts and review required submittals.

Motion carried unanimously.

C. Cochran Recovery Services Contractor Selection (48:04)

Brandon Barnes provided information on the proposed work to be completed at the site. Brandon noted that similar to the Maplewood Toyota project quotes were received by request. Brandon reviewed the quotes and compared the lowest quote to the engineer's estimate.

Motion: Manager Karp moved, Manager Gernes seconded to approve the selected contractor and direct staff to prepare contracts and review the required submittals.

Motion carried unanimously.

D. Pioneer Park Stormwater Reuse Project – Change Order No. 3 (50:58)

Manager Wang asked for confirmation that part of the problem was created due to the city being unable to locate or mark irrigation lines. Manager Wang asked if marking the irrigation lines was something that could be done in the future.

Dave Vlasin stated that due to irrigation lines being a private utility with little ability to map the District would not know the location unless the information were provided by the city.

President Eisele stated that he had found that mapping of irrigation systems could be expensive and not consistently accurate.

Manager Wang questioned if there would be more issues with digging at this location with the approval of permit application 25-09 Little Canada Pioneer Park Stormwater, Little Canada.

Brandon Barnes stated that mapping of irrigation lines would be the city's responsibility for 25-09 Little Canada Pioneer Park Stormwater, Little Canada, noting the two projects were separate. Brandon stated that the only connection between the two projects would be hydraulic.

President Eisele questioned why the District would cover 75% of the repairs when it was clear in the contract that the contractor would take responsibility.

Dave Vlasin stated that the District was covering the majority of the cost due to the location of the irrigation line not being labeled correctly. To keep a good relationship with the contractor, he felt it was a fair split. Dave provided details of the conversations that were had with the contractor.

Manager Gernes stated he was comfortable with the 75% but would like a more even split.

President Eisele stated he would feel more comfortable if the costs were evenly split due to the wording in the contract.

Dave Vlasin stated that more discussions could be had with the contractor.

Manager Karp stated that with the inability to locate the irrigation lines he felt that the split was fair.

Manager Wang stated that she felt comfortable with accepting the 75% based on the discussions that were had.

Motion: Manager Wang moved, Manager Grogan seconded to approve Pioneer Park Stormwater Reuse Project, Little Canada, Change Order No. 3.

Motion carried unanimously.

E. Beltline Mississippi River Branch Repairs – Change Order No. 3 (16:29)

*See consent agenda discussion.*

Tina Carstens explained that the work had been completed at the direction of staff. Tina stated that a discussion on cost sharing would be had with St. Paul Port Authority while still paying the contractor for the completed work.

Manager Gernes agreed that the contractor needed to be paid.

President Eisele stated that the Beltline storm sewer repairs needed to be completed, and there should not be a delay caused to those repairs.

Manager Karp stated that he also agreed with moving forward with the contractor payment.

Motion: Manager Karp moved, Manager Wang seconded to approve the change order with instructions to staff and the attorney to work with the St. Paul Port Authority on the cost sharing associated to the Beltline Mississippi River Branch Repairs Change Order No. 3.

Motion carried unanimously.

**8. ATTORNEY REPORT (1:07:08)**

Tracey Galowitz provided an overview of the work the attorney's office completed over the past month. Tracey highlighted work being done on small projects and helping to determine the processes related to small projects as well as working to close out the County Rd. C project.

**9. BOARD DISCUSSION TOPICS (1:09:01)**

President Eisele provided details of the Minnesota Watersheds legislation event that occurred on March 21<sup>st</sup> that he and Manager Karp attended.

**10. NEW REPORTS AND/OR PRESENTATIONS (1:14:13)**

A. 2025 Engagement Initiatives Presentation, Lauren Hazenson, Communications and Outreach Program Manager  
Lauren Hazenson began her presentation discussing the difference between communications and engagement and explained how they are utilized to build relationships and provide information. Lauren went on to discuss the goals of the public engagement plan for the management plan update. Lauren stated that goals of engagement during the management plan update are to look for ways to expand engagement opportunities, prioritizing equitable engagement practices, and reduce barriers by increasing accessibility. Lauren explained that feedback data gathered will help paint a more complete and representative picture of people's values and concerns regarding water quality, flood risk management and erosion control. Lauren explained that the District is moving towards the involvement phase of working with the public to make sure their concerns are reflected in the management plan update. Lauren discussed the steps to achieve more public involvement and the tools that would be implemented to reach that goal. Lauren provided details of the multiple engagement formats that would be utilized such as open houses, event tabling, Kiosks or QR codes at public buildings and an interactive website.

President Eisele asked for more information about the attendance at previous tabling events.



Lauren Hazenson provided details of past tabling events and their attendance. Lauren noted that tabling was a great way to reach a wider audience as well as meeting community leaders. Lauren provided details of how event locations were chosen as well as how the community survey conducted in 2024 was used to target areas of low visibility. Lauren discussed locations where Zan Associates would be conducting outreach and engagement and areas that District staff will focus on. Lauren highlighted the public kick-off that will be happening on May 31<sup>st</sup> at Lake Phalen. Lauren provided background information on Zan Associates and explained why they were chosen to help with engagement for the management plan update. Lauren continued on to discuss the reporting and evaluation step of the engagement plan which included mid-point reporting and internal assessments. Lauren stated that through the engagement plan the District hoped to continue building and expanding community partnerships as well growing District visibility and presence.

Manager Wang asked for information on the strongest community partners the District currently had.

Lauren Hazenson stated that the East Side Boy and Girls Club as well as the Ramsey County Master Gardeners were organizations that the District worked closely with. Lauren went on to highlight upcoming events to celebrate the District's 50<sup>th</sup> anniversary, including Watershed Week. Lauren stated that the goal of the Watershed Week events were to provide opportunities to engage with new people. Lauren proceeded by discussing other engagement initiatives which included an outreach and engagement volunteer pilot program, EMWREP high school career exploration, District 2 stewardship grant outreach, spring webinars and Ramsey County Master Gardener mentorships. Lauren also provided information on new staff members, happenings in the education program, and District branding.

Manager Gernes stated that he thought the plan looked great and appreciated the information.

Manager Wang asked what success would look like with this plan.

Lauren Hazenson stated that she felt success would be learning something new about the community.

President Eisele expressed excitement with moving forward with the engagement plan.

## **11. ADMINISTRATOR'S REPORT (1:40:47)**

### **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**

No comments.

## **12. PROJECT AND PROGRAM STATUS REPORTS (2:05:17)**

### *Project Feasibility Studies*

#### **A. Manufactured Homes Resilience Evaluation**

#### **B. Evaluation of Compliance with South Metro Mississippi River Total Suspended Solids (TSS) Total Maximum Daily Load (TMDL)**

#### **C. Street Sweeping**

D. Roseville Central Park Flood Risk Reduction Feasibility Study

E. Stormwater Model Updates

*Monitoring Water Quality/Project Monitoring*

F. Annual Water Quality Report Assistance

*Planning*

G. Watershed Management Plan Update: Phase 1- Stakeholder Engagement

H. 2025 Grant Applications

*Research Projects*

I. Wakefield Lake Aeration Feasibility Study

*Project Operations*

J. Lake-Level Station Maintenance and Rain Gauge Installation

K. Lake-Level Station Forecast Integration

*Capital Improvements*

L. Roosevelt Homes

M. Targeted Retrofit Projects 2025

N. Pioneer Park Stormwater Reuse

O. Fish Creek Tributary Improvements

P. Cottage Place Wetland Regeneration

Q. County Road C Culvert Replacement

R. Kohlman Creek Improvements

S. Lake Wabasso Outlet Replacement

T. Kohlman Lake Alum Treatment

*CIP Project Repair and Maintenance*

U. 2025 CIP Maintenance and Repairs

V. Beltline Mississippi Branch Outfall Replacement Project

W. Beltline and Battle Creek Storm Sewer Five-Year Inspections and Beltline Detailed Survey

*Program Updates*

X. Natural Resources Program

Manager Wang asked for more details on the three locations that were monitored for goldfish and asked why the goldfish were being found in those locations. Manager Wang questioned if they could be found in other places.

Paul Erdman provided details on how the goldfish problem was recognized. Paul discussed a plan to work with Carp Solutions to see if the goldfish are causing water quality problems. Paul explained that it is thought that the goldfish are being dumped from home aquariums. Paul highlighted the opportunity for additional outreach and education around dumping goldfish.

Manager Wang noted that it may be an opportunity to include education in school programming and looked forward to seeing more information.

Y. Communications and Engagement Program

### **13. MANAGER COMMENTS AND NEXT MONTH'S MEETING (2:15:07)**

Manager Karp stated that he would be interested in opportunities to see work being completed around the District.

Tina Carstens stated that there would be opportunities for touring sites.

### **14. ADJOURN**

Motion: Manager moved, Manager seconded, to adjourn the meeting at 8:45 p.m.

Motion carried unanimously.



**Ramsey-Washington Metro Watershed District  
Minutes of Special Board Workshop Meeting  
April 2, 2025**

The Special Workshop Meeting of April 2, 2025, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, at 5:00 p.m.

**PRESENT:**

Ben Karp, Vice President  
Stephanie Wang, Treasurer  
Gabi Grogan, Manager

**ABSENT:**

Val Eisele, President  
Mark Gernes, Secretary

**ALSO PRESENT:**

**Staff:**

Tina Carstens, District Administrator  
Paige Ahlborg, Assistant Administrator

**Consultants:**

Greg Williams, Barr Engineering  
Brandon Barnes, Barr Engineering

**1. CALL TO ORDER**

The meeting was called to order by Vice President Karp at 5:00 p.m. The purpose of this special meeting was for the Board of Managers to continue discussions from the February 24<sup>th</sup>, 2025, special meeting regarding the upcoming Watershed Management Plan update and the future goals of the District.

**3. DISCUSSION OF PRIORITY ISSUES AND RWMWD ROLES**

Greg Williams provided a recap of the discussion that took place at the February 24<sup>th</sup> Board workshop. Greg noted that the discussions that took place at the February workshop were focused on resource concerns. Greg explained that discussions at this meeting would focus on administrative topics. The Board members, Tina Carstens, Paige Ahlborg, Greg Williams and Brandon Barnes continued discussions on the Watershed Management Plan update which included program assessment and diversity, equity, inclusion and accessibility. The discussions included creating goals, assessing progress, implementation, public outreach, and cost-benefit evaluation.

**4. ADJOURN**

The meeting was adjourned at 5:40pm.

RWMWD BUDGET STATUS REPORT  
Administrative & Program Budget  
Fiscal Year 2025  
4/30/2025

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	-	-	1,800.00	\$7,000.00	25.71%
	Manager Expenses	4360	3,000.00	-	-	-	3,000.00	0.00%
Committees	Committee/Bd Mtg. Exp.	4365	4,000.00	-	124.21	816.71	3,183.29	20.42%
	Sub-Total: Managers/Committees:		\$14,000.00	\$0.00	124.21	2,616.71	\$13,183.29	18.69%
Employees	Staff Salary/Taxes/Benefits	4010	2,100,000.00	-	140,187.29	544,469.18	1,555,530.82	25.93%
	Employee Expenses	4020	10,000.00	-	288.20	613.90	9,386.10	6.14%
	District Training & Education	4350	75,000.00	-	-	12,870.42	62,129.58	17.16%
	Sub-Total: Employees:		\$2,185,000.00	\$0.00	140,475.49	557,953.50	\$1,627,046.50	25.54%
Administration/ Office	Data Base/GIS Maintenance	4170	25,000.00	-	171.36	1,774.69	23,225.31	7.10%
	Telephone	4310	2,000.00	-	232.38	929.52	1,070.48	46.48%
	Office Supplies	4320	7,000.00	-	79.11	977.36	6,022.64	13.96%
	Postage/Delivery	4330	2,000.00	-	244.00	1,909.54	90.46	95.48%
	Printing/Copying	4335	5,000.00	-	441.67	1,738.14	3,261.86	34.76%
	Dues & Publications	4338	20,000.00	-	-	15,653.00	4,347.00	78.27%
	Janitorial/Trash Service	4341	30,000.00	-	2,634.34	7,660.18	22,339.82	25.53%
	Utilities	4342	20,000.00	-	293.88	2,532.23	17,467.77	12.66%
	Building Maintenance	4343	80,000.00	-	1,488.36	13,072.36	66,927.64	16.34%
	Miscellaneous	4390	5,000.00	-	-	-	5,000.00	0.00%
	Insurance	4480	70,000.00	-	-	50,573.67	19,426.33	72.25%
	Office Equipment	4703	50,000.00	-	6,640.21	6,967.39	43,032.61	13.93%
	District Vehicles/Maintenance	4810-40	60,000.00	-	44,227.82	49,652.12	10,347.88	82.75%
	Metro INET	4325	110,000.00	-	9,052.53	35,108.42	74,891.58	31.92%
	Sub-Total: Administration/Office:		\$486,000.00	-	65,505.66	188,548.62	\$297,451.38	38.80%
Consultants/ Outside Services	Auditor/Accounting	4110	80,000.00	-	2,482.20	18,790.42	61,209.58	23.49%
	Engineering-Administration	4121	122,000.00	-	7,835.00	37,948.50	84,051.50	31.11%
	Engineering-Permit I&E	4122	10,000.00	-	1,638.50	1,638.50	8,361.50	16.39%
	Engineering-Review	4123	80,000.00	-	9,178.00	26,045.00	53,955.00	32.56%
	Engineering-Permit Application Review	4124	70,000.00	-	5,519.00	26,582.00	43,418.00	37.97%
	Project Feasibility Studies	4129	400,000.00	-	10,116.00	17,826.00	382,174.00	4.46%
	Attorney-Permits	4130	5,000.00	-	-	-	5,000.00	0.00%
	Attorney-General	4131	40,000.00	-	3,452.50	6,804.00	33,196.00	17.01%
	Outside Consulting Services	4160	40,000.00	-	-	-	40,000.00	0.00%
	Sub-Total: Consultants/Outside Services:		\$847,000.00	\$0.00	40,221.20	135,634.42	\$711,365.58	16.01%
Programs	WMP/Lakes/TMDLs/Grants	4661	378,500.00	-	3,563.89	16,492.68	362,007.32	4.36%
	Natural Resources Program	4670	161,000.00	-	1,205.93	2,029.99	158,970.01	1.26%
	Water Monitoring Program	4520-30	513,000.00	-	29,669.72	50,440.80	462,559.20	9.83%
	Outside Program Support	4683	42,000.00	-	5,325.00	18,325.00	23,675.00	43.63%
	Research Projects	4695	125,000.00	-	2,074.50	14,308.50	110,691.50	11.45%
	Project Operations	4650	150,000.00	-	14,285.03	26,533.90	123,466.10	17.69%
	Communication/Outreach/Events	4371	166,000.00	-	14,255.10	36,965.35	129,034.65	22.27%
	Health and Safety Program	4697	7,000.00	-	144.88	312.33	6,687.67	4.46%
	Sub-Total: Programs:		\$1,542,500.00	\$0.00	70,524.05	165,408.55	\$1,377,091.45	10.72%
GENERAL FUND TOTAL			\$5,074,500.00	\$0.00	316,850.61	1,050,161.80	\$4,026,138.20	20.69%
CIP's	Project Repair & Maintenance	516	2,180,000.00	-	106,293.96	1,451,719.68	728,280.32	66.59%
	Targeted Retrofit Projects	518	1,185,000.00	-	18,426.50	156,254.35	1,028,745.65	13.19%
	Flood Risk Reduction Fund	520	1,255,000.00	-	80,062.00	157,563.32	1,097,436.68	12.55%
	Debt Services-Beltline/Maplewood Mall	526	410,459.00	-	-	281,252.55	129,206.45	68.52%
	Stewardship Grant Fund	529	1,250,000.00	-	15,561.00	92,004.86	1,157,995.14	7.36%
	Fish Creek Tributary Improvements	537	1,400,000.00	-	3,390.00	5,043.00	1,394,957.00	0.36%
	Wetland Restoration Projects	540	350,000.00	-	-	12,367.10	337,632.90	3.53%
CIP BUDGET TOTAL			\$8,030,459.00	-	223,733.46	2,156,204.86	\$5,874,254.14	26.85%
TOTAL BUDGET			\$13,104,959.00	\$0.00	540,584.07	3,206,366.66	\$9,898,592.34	24.47%

Current Fund Balances:

Fund:	Unaudited Beginning Fund Balance @ 12/31/24	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @ 4/30/25
101 - General Fund	\$2,404,392.68	-	122,740.51	316,850.61	1,050,161.80	1,476,971.39
516 - Project Repair & Maintenance	1,067,070.34	-	8,114.97	106,293.96	1,451,719.68	(376,534.37)
518 - Targeted Retrofit Projects	207,282.11	-	0.02	18,426.50	156,254.35	51,027.78
520 - Flood Risk Reduction Fund	5,121,388.23	-	31,385.37	80,062.00	157,563.32	4,995,210.28
526 - Debt Services-Beltline/Maplewood Mall	295,132.28	-	-	-	281,252.55	13,879.73
529 - Stewardship Grant Fund	(89,787.37)	-	40,000.00	15,561.00	92,004.86	(141,792.23)
536 - Stormwater Impact Fund	528,386.61	-	46,250.00	-	9,226.75	565,409.86
537 - Fish Creek Tributary Improvements	492,497.85	-	115,091.00	3,390.00	5,043.00	602,545.85
540 - Wetland Restoration Projects	535,264.57	-	-	-	12,367.10	522,897.47
580 - Contingency Fund	1,215,487.00	-	-	-	-	1,215,487.00
Total District Fund Balance	\$11,777,114.30	\$0.00	\$ 363,581.87	\$ 540,584.07	\$3,215,593.41	\$8,925,102.76

**Ramsey Washington Metro Watershed Dist.**  
**Check Register**  
**For the Period From April 1, 2025 to April 30, 2025**

Date	Check #	Payee ID	Payee	Invoice #	Description	Amount
04/02/25	EFT	hea002	HealthPartners	May-25	Employee Benefits	\$13,083.78
04/01/25	EFT	met008	MetLife-Group Benefits	Apr-25	Employee Benefits	1,838.82
04/17/25	EFT	usb002	U.S. Bank	April 2025 Statement	Various	4,978.17
04/10/25	EFT	tmo001	T-Mobile	Apr-25	Employee Benefits	724.37
04/25/25	EFT	qwe001	CenturyLink	Apr-25	Project Operations	283.63
04/25/25	EFT	nsp001	Xcel Energy	Apr-25	Project Operations	846.54
04/23/25	EFT	ups001	United Parcel Service	Apr-25	Postage/Delivery	25.00
04/23/25	EFT	spr002	SPRWS	Apr-25	Project Operations	90.90
04/11/25	75363	aws001	AWS Service Center	S1335957-040125	Janitorial/Trash/Plowing/Sweeping	360.86
04/11/25	75364	bat003	Batteries Plus	P81643569	Natural Resources Program	56.30
04/11/25	75365	dav003	Davey Resource Group, Inc.	9000103748	Construction Improvements/Project Maint & Repair	3,086.50
04/11/25	75366	del001	Dell Marketing, L.P.	10807676465	Equipment	6,593.23
04/11/25	75367	han008	Hanna Enterprises, LLC	3453	Janitorial/Trash/Plowing/Sweeping	435.00
04/11/25	75368	haw001	Hawkins, Inc.	7032974	Project Operations	6,447.30
04/11/25	75369	hom001	Home Depot Credit Services	3/28/25	Natural Resources Program	398.69
04/11/25	75370	ind002	Indelco Plastics Corporation	SO0526750	Water Monitoring Program	258.00
04/11/25	75371	met012	Metro-INET	2567	Roseville IT Services/Web Site/Software/Licenses	8,951.00
04/11/25	75372	mid003	Roseville Midway Ford	137388	Vehicle Purchase	42,001.03
04/11/25	75373	min008	MNL	50231	Construction Improvements/Project Maint & Repair	110.25
04/11/25	75374	mnp002	Minnesota Pollution Control Agency	MS4 General Permit 2025	WMP/Lakes/TMDLs/Grants	400.00
04/11/25	75375	ncp001	NCPERS Group Life Ins.	April 1, 2025	Employee Benefits	16.00
04/11/25	75376	ons001	Onset Computer Corporation	300792	Water Monitoring Program	345.00
04/11/25	75377	pac001	Pace Analytical Services, Inc.	25100479143; 25100480729	Water Monitoring Program	2,870.00
04/11/25	75378	pra001	Prairie Moon Nursery, Inc.	2508626400	Communications/Outreach/Events	189.06
04/11/25	75379	pre003	Premium Waters, Inc.	310710910	Utilities/Building Services Contracts	37.00
04/11/25	75380	red002	Redpath & Company, LLC.	150496380	Accounting	2,303.50
04/11/25	75381	sch009	Schlomka Services, LLC	34351	Construction Improvements/Project Maint & Repair	880.00
04/11/25	75382	stu001	Studio Lola	2020002	Communications/Outreach/Events	2,264.01
04/11/25	75383	tri002	Tri-State Bobcat	A47312; A47710	Natural Resources Program	133.94
04/11/25	75384	usb005	US Bank Equipment Finance	552501934	Printing/Copier Lease	441.67
04/29/25	75385	bar001	Barr Engineering	March 15 to April 18, 2025	Various	182,375.86
04/29/25	75386	bar013	Pye Barker	IVN00329484	Vehicle Miscellaneous Expense	290.00
04/29/25	75387	ben002	Benefit Extras, Inc.	1230270	Employee Benefits	120.00
04/29/25	75388	bfg001	BFG Supply Co., LLC	2914123-00	Communications/Outreach/Events	100.17
04/29/25	75389	bit001	Bituminous Roadways	Progress Payment #3	Construction-Flood Damage Reduction Fund	45,791.93
04/29/25	75390	cit001	City of Little Canada	4/18/2025	Utilities/Building Services Contracts	256.88
04/29/25	75391	eme001	Emergency Automotive Technologies, Inc.	SVC25053A	Vehicle Miscellaneous Expense	1,202.84
04/29/25	75392	fit001	Fitzgerald Excavating & Trucking, Inc.	Progress Payment #3	Construction Improvements/Project Maint & Repair	37,297.00
04/29/25	75393	fit002	Mary Fitzgerald	April 2025; 016	Employee Expenses	1,008.32
04/29/25	75394	fit003	Emily F. Kamin	104	Janitorial/Trash/Plowing/Sweeping	825.00
04/29/25	75395	fre001	Freshwater Society	52529248	Outside Program Support	3,000.00
04/29/25	75396	gal001	Galowitz Olson, PLLC	April 24, 2025	Attorney-General	3,452.50
04/29/25	75397	gil001	Gilbert Mechanical Contractors, Inc.	259201; 259597	Building/Site Maintenance	1,178.58
04/29/25	75398	int001	Office of MN, IT Services	W25030534	Telephone	59.38
04/29/25	75399	klo001	Kendra L. Kloth	March-April 2025	Employee Benefits	166.42
04/29/25	75400	kub001	Kyle W. Kubitz	April 2025	Employee Expenses	40.65
04/29/25	75401	lap001	Lapham-Hickey Steel Corp	22-21	Escrow Refunds	11,800.00
04/29/25	75402	mbo001	MBohn Consulting, LLC.	1211	Communications/Outreach/Events	5,625.00
04/29/25	75403	mel001	Michelle L. Melsner	April 2025	Employee Expenses	42.61
04/29/25	75404	met012	Metro-INET	2642	Roseville IT Services/Web Site/Software/Licenses	193.00
04/29/25	75405	mil005	Julie C. Miley	April 2025	Employee Expenses	45.50
04/29/25	75406	min008	MNL	50466	Natural Resources Program	331.00
04/29/25	75407	min012	MN Department of Agriculture	Nick Olson	Natural Resources Program	15.00
04/29/25	75408	pac001	Pace Analytical Services, Inc.	25100481682; 25100482870	Water Monitoring Program	1,344.00
04/29/25	75409	ram016	Ramsey County	PRK-002501	Stewardship Grant Program	14,605.00
04/29/25	75410	roc001	Rock Leaf Water Environmental LLC	3401	Construction Improvements/Project Maint & Repair	2,803.05
04/29/25	75411	sai001	Saint Paul Media	05/01/2025	Communications/Outreach/Events	100.00
04/29/25	75412	sod001	Nicole Maras	April 2025	Employee Expenses	114.00
04/29/25	75413	stu001	Studio Lola	2020047; 2020044	Communications/Outreach/Events	3,439.28
04/29/25	75414	tec001	Tech Sales Co.	328771	Water Monitoring Program	8,365.00
04/29/25	75415	til002	Joseph S. Tillotson	April 2025	Employee Benefits	118.26
04/29/25	75416	voy001	US Bank Voyager Fleet Sys.	869239423517	Vehicle Fuel	503.19
04/29/25	75417	was002	Washington Conservation District	December 30, 1918	Stewardship Grant Program	1,452.75
04/29/25	75418	wil007	Patrick D. Williamson	April 2025	Employee Expenses	99.87
Total						\$428,611.59

**Ramsey Washington Metro Watershed Dist.**  
**Check Register**  
**For the Period From April 1, 2025 to April 30, 2025**

Date	Check #	Payee ID	Payee	Invoice #	Description	Amount
04/11/25	EFT	myp001	April 11th Payroll	04/11/25	4110-101-000	86.95
04/25/25	EFT	myp001	April 25th Payroll	04/25/25	4110-101-000	91.75
04/11/25	Dir.Dep.	---	April 11th Payroll	Payroll Expense-Net	4010-101-000	31,940.78
04/11/25	EFT	int002	April 11th Federal Withholding	Internal Rev.Serv.	2001-101-000	11,623.13
04/11/25	EFT	mnd001	April 11th State Withholding	MN Revenue	2003-101-000	1,960.89
04/11/25	EFT	per001	April 11th PERA	PERA	2011-101-000	7,093.46
04/11/25	EFT	emp002	Employee Def. Comp. Contributions	Empower Retirement	2016-101-000	1,843.00
04/11/25	EFT	emp002	Employee IRA Contributions	Empower Retirement	2018-101-000	2,149.00
04/25/25	Dir.Dep.	---	April 25th Payroll	Payroll Expense-Net	4010-101-000	34,550.09
04/25/25	EFT	int002	April 25th Federal Withholding	Internal Rev.Serv.	2001-101-000	12,420.38
04/25/25	EFT	mnd001	April 25th State Withholding	MN Revenue	2003-101-000	2,074.47
04/25/25	EFT	per001	April 25th PERA	PERA	2011-101-000	7,389.61
04/25/25	EFT	emp002	Employee Def. Comp. Contributions	Empower Retirement	2016-101-000	1,843.00
04/25/25	EFT	emp002	Employee IRA Contributions	Empower Retirement	2018-101-000	2,149.00
<b>Payroll/Benefits:</b>						<b><u>\$117,215.51</u></b>
<b>Total</b>						<b><u>Accounts Payable/Payroll/Benefits:</u></b> <b><u>\$545,827.10</u></b>

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From April 1, 2025 to April 30, 2025**

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
04/02/25	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits	\$13,083.78	
04/01/25	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits	1,838.82	
04/17/25	EFT	usb002	U.S. Bank			4,978.17	
				4330-101-000	Postage/Delivery		219.00
				4343-101-000	Building and Site Maintenance		44.67
				4343-101-000	Building and Site Maintenance		52.35
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses		81.53
				4670-101-000	Natural Resources Program		(1.92)
				4530-101-000	Water Quality Monitoring		199.00
				4170-101-000	Data Base/GIS Maintenance		168.00
				4341-101-000	Janitorial/Trash/Plowing/Sweeping		75.06
				4371-101-000	Communications/Outreach/Events		173.29
				4320-101-000	Office Supplies		16.02
				4530-101-000	Water Quality Monitoring		97.52
				4040-101-000	Employee Benefits		113.90
				4320-101-000	Office Supplies		12.00
				4040-101-000	Employee Benefits		234.75
				4371-101-000	Communications/Outreach/Events		1,622.71
				4371-101-000	Communications/Outreach/Events		518.70
				4371-101-000	Communications/Outreach/Events		58.14
				4697-101-000	Health & Safety Program		41.99
				4670-101-000	Natural Resources Program		177.03
				4661-101-000	WMP/Lakes/RMDLs/Grants		179.39
				4670-101-000	Natural Resources Program		18.99
				4703-101-000	Equipment		46.98
				4670-101-000	Natural Resources Program		47.60
				4371-101-000	Communications/Outreach/Events		60.00
				4371-101-000	Communications/Outreach/Events		45.00
				4371-101-000	Communications/Outreach/Events		59.74
				4840-101-000	Vehicle Miscellaneous		221.76
				4341-101-000	Janitorial/Trash/Plowing/Sweeping		113.42
				4365-101-000	Committee/Board Meeting Expenses		59.98
				4697-101-000	Health & Safety Program		102.89
				4365-101-000	Committee/Board Meeting Expenses		64.23
				4320-101-000	Office Supplies		44.10
				4320-101-000	Office Supplies		6.99
				4170-101-000	Data Base/GIS Maintenance		3.36
04/10/25	EFT	tmo001	T-Mobile	4040-101-000	Employee Benefits	724.37	
04/25/25	EFT	qwe001	CenturyLink	4650-101-000	Project Operations	283.63	
04/25/25	EFT	nsp001	Xcel Energy			846.54	
				4343-101-000	Building and Site Maintenance		212.76
				4530-101-000	Water Quality Monitoring Program		410.71
				4650-101-000	Project Operations		223.07
04/23/25	EFT	ups001	United Parcel Service	4330-101-000	Postage/Delivery	25.00	
04/23/25	EFT	spr002	SPRWS	4650-101-000	Project Operations	90.90	
04/11/25	75363	aws001	AWS Service Center	4341-101-000	Janitorial/Trash/Plowing/Sweeping	360.86	
04/11/25	75364	bat003	Batteries Plus	4670-101-000	Natural Resources Program	56.30	
04/11/25	75365	dav003	Davey Resource Group, Inc.	4630-516-000	Construction Improvements/Project Maint & Repair	3,086.50	

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From April 1, 2025 to April 30, 2025**

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
04/11/25	75366	del001	Dell Marketing, L.P.	4703-101-000	Equipment	6,593.23	
04/11/25	75367	han008	Hanna Enterprises, LLC	4341-101-000	Janitorial/Trash/Plowing/Sweeping	435.00	
04/11/25	75368	haw001	Hawkins, Inc.	4650-101-000	Project Operations	6,447.30	
04/11/25	75369	hom001	Home Depot Credit Services	4670-101-000	Natural Resources Program	398.69	
04/11/25	75370	ind002	Indelco Plastics Corporation	4530-101-000	Water Monitoring Program	258.00	
04/11/25	75371	met012	Metro-INET			8,951.00	
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses		8,778.00
				4310-101-000	Telephone		173.00
04/11/25	75372	mid003	Roseville Midway Ford	4810-101-000	Vehicle Purchase	42,001.03	
04/11/25	75373	min008	MNL	4630-516-000	Construction Improvements/Project Maint & Repair	110.25	
04/11/25	75374	mnp002	Minnesota Pollution Control Agency	4661-101-000	WMP/Lakes/TMDLs/Grants	400.00	
04/11/25	75375	ncp001	NCPERS Group Life Ins.	4040-101-000	Employee Benefits	16.00	
04/11/25	75376	ons001	Onset Computer Corporation	4530-101-000	Water Monitoring Program	345.00	
04/11/25	75377	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	2,870.00	
04/11/25	75378	pra001	Prairie Moon Nursery, Inc.	4371-101-000	Communications/Outreach/Events	189.06	
04/11/25	75379	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Building Services Contracts	37.00	
04/11/25	75380	red002	Redpath & Company, LLC.	4110-101-000	Accounting	2,303.50	
04/11/25	75381	sch009	Schlomka Services, LLC	4630-516-000	Construction Improvements/Project Maint & Repair	880.00	
04/11/25	75382	stu001	Studio Lola	4371-101-000	Communications/Outreach/Events	2,264.01	
04/11/25	75383	tri002	Tri-State Bobcat	4670-101-000	Natural Resources Program	133.94	
04/11/25	75384	usb005	US Bank Equipment Finance	4335-101-000	Printing/Copier Lease	441.67	
04/29/25	75385	bar001	Barr Engineering			182,375.86	
				4121-101-000	Engineering Admin		7,736.00
				4121-101-000	Engineering Admin		99.00
				4123-101-000	Engineering Review		9,178.00
				4129-101-000	Project Feasibility		213.00
				4129-101-000	Project Feasibility		1,197.50
				4129-101-000	Project Feasibility		455.00
				4129-101-000	Project Feasibility		206.50
				4129-101-000	Project Feasibility		2,217.00
				4129-101-000	Project Feasibility		5,827.00
				4520-101-000	WQM-Engineering		690.00
				4520-101-000	WQM-Engineering		9,075.50
				4520-101-000	WQM-Engineering		3,931.50
				4520-101-000	WQM-Engineering		729.00
				4520-101-000	WQM-Engineering		1,183.00
				4122-101-000	Engineering Permit I&E		1,638.50
				4124-101-000	Eng. Permit Review		5,519.00
				4661-101-000	SLMP/TMDL Studies		2,935.00
				4661-101-000	SLMP/TMDL Studies		49.50
				4695-101-000	Research Projects		240.00
				4695-101-000	Research Projects		1,834.50
				4650-101-000	Project Operations		464.00
				4650-101-000	Project Operations		4,959.20
				4650-101-000	Project Operations		2,040.00
				4128-518-000	Engineering -Targeted Retrofit		2,131.50
				4128-518-000	Engineering -Targeted Retrofit		6,924.00
				4682-529-000	Stewardship Grant Program		1,977.50



**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From April 1, 2025 to April 30, 2025**

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4128-518-000	Engineering -Targeted Retrofit	1,716.50
				4129-537-000	Driveway Fish Creek Tributary	3,390.00
				4128-518-000	Engineering -Targeted Retrofit	4,215.00
				4128-520-000	Engineering -Flood Damage	412.50
				4128-520-000	Engineering -Flood Damage	20,709.00
				4128-520-000	Engineering -Flood Damage	12,925.50
				4128-518-000	Engineering -Targeted Retrofit	3,411.00
				4128-518-000	Engineering -Targeted Retrofit	28.50
				4128-516-000	Eng. Projects-Maint & Repair	7,402.50
				4128-516-000	Eng. Projects-Maint & Repair	10,237.50
				4128-516-000	Eng. Projects-Maint & Repair	8,554.50
				4128-516-000	Eng. Projects-Maint & Repair	35,922.66
04/29/25	75386	bar013	Pye Barker	4840-101-000	Vehicle Miscellaneous Expense	290.00
04/29/25	75387	ben002	Benefit Extras, Inc.	4040-101-000	Employee Benefits	120.00
04/29/25	75388	bfg001	BFG Supply Co., LLC	4371-101-000	Communications/Outreach/Events	100.17
04/29/25	75389	bit001	Bituminous Roadways	4630-520-000	Construction-Flood Damage Reduction Fund	45,791.93
04/29/25	75390	cit001	City of Little Canada	4342-101-000	Utilities/Building Services Contracts	256.88
04/29/25	75391	eme001	Emergency Automotive Technologies, Inc.	4840-101-000	Vehicle Miscellaneous Expense	1,202.84
04/29/25	75392	fit001	Fitzgerald Excavating & Trucking, Inc.	4630-516-000	Construction Improvements/Project Maint & Repair	37,297.00
04/29/25	75393	fit002	Mary Fitzgerald			1,008.32
				4020-101-000	Employee Expenses	143.36
				4040-101-000	Employee Benefits	39.96
				4341-101-000	Janitorial/Trash/Plowing/Sweeping	825.00
04/29/25	75394	fit003	Emily F. Kamin	4341-101-000	Janitorial/Trash/Plowing/Sweeping	825.00
04/29/25	75395	fre001	Freshwater Society	4683-101-000	Outside Program Support	3,000.00
04/29/25	75396	gal001	Galowitz Olson, PLLC	4131-101-000	Attorney-General	3,452.50
04/29/25	75397	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Building/Site Maintenance	1,178.58
04/29/25	75398	int001	Office of MN, IT Services	4310-101-000	Telephone	59.38
04/29/25	75399	klo001	Kendra L. Kloth			166.42
				4020-101-000	Employee Benefits	5.42
				4040-101-000	Employee Expenses	161.00
04/29/25	75400	kub001	Kyle W. Kubitza			40.65
				4020-101-000	Employee Expenses	18.41
				4530-101-000	Water Monitoring Program	22.24
04/29/25	75401	lap001	Lapham-Hickey Steel Corp	2024-101-000	Escrow Refunds	11,800.00
04/29/25	75402	mbc001	MBohn Consulting, LLC.	4371-101-000	Communications/Outreach/Events	5,625.00
04/29/25	75403	mel001	Michelle L. Melser	4020-101-000	Employee Expenses	42.61
04/29/25	75404	met012	Metro-INET	4325-101-000	Roseville IT Services/Web Site/Software/Licenses	193.00
04/29/25	75405	mil005	Jule C. Miley	4020-101-000	Employee Expenses	45.50
04/29/25	75406	min008	MNL	4670-101-000	Natural Resources Program	331.00
04/29/25	75407	min012	MN Department of Agriculture	4670-101-000	Natural Resources Program	15.00
04/29/25	75408	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	1,344.00
04/29/25	75409	ram016	Ramsey County			14,605.00
				4682-529-000	Stewardship Grant Program	12,280.00
				4683-101-000	Outside Program Support	2,325.00
04/29/25	75410	roc001	Rock Leaf Water Environmental LLC	4630-516-000	Construction Improvements/Project Maint & Repair	2,803.05
04/29/25	75411	sai001	Saint Paul Media	4371-101-000	Communications/Outreach/Events	100.00
04/29/25	75412	sod001	Nicole Maras			114.00

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From April 1, 2025 to April 30, 2025**

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4020-101-000	Employee Expenses	14.00
				4040-101-000	Employee Benefits	100.00
04/29/25	75413	stu001	Studio Lola	4371-101-000	Communications/Outreach/Events	3,439.28
04/29/25	75414	tec001	Tech Sales Co.	4530-101-000	Water Monitoring Program	8,365.00
04/29/25	75415	til002	Joseph S. Tillotson			118.26
				4040-101-000	Employee Benefits	79.96
				4840-101-000	Vehicle Miscellaneous Expense	9.00
				4670-101-000	Natural Resources Program	29.30
04/29/25	75416	voy001	US Bank Voyager Fleet Sys.	4830-101-000	Vehicle Fuel	503.19
04/29/25	75417	was002	Washington Conservation District			1,452.75
				4682-529-000	Stewardship Grant Program	1,303.50
				4530-101-000	Water Monitoring Program	149.25
04/29/25	75418	wil007	Patrick D. Williamson			99.87
				4020-101-000	Employee Expenses	18.90
				4040-101-000	Employee Benefits	80.97
	<b>Total</b>					<b><u>\$428,611.59</u></b>
04/11/25	EFT	myp001	April 11th Payroll	4110-101-000	April 11th Payroll	86.95
04/25/25	EFT	myp001	April 25th Payroll	4110-101-000	April 25th Payroll	91.75
04/11/25	Dir.Dep.	---	April 11th Payroll	4010-101-000	April 11th Payroll	31,940.78
04/11/25	EFT	int002	April 11th Federal Withholding	2001-101-000	April 11th Federal Withholding	11,623.13
04/11/25	EFT	mnd001	April 11th State Withholding	2003-101-000	April 11th State Withholding	1,960.89
04/11/25	EFT	per001	April 11th PERA	2011-101-000	April 11th PERA	7,093.46
04/11/25	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	1,843.00
04/11/25	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	2,149.00
04/25/25	Dir.Dep.	---	April 25th Payroll	4010-101-000	April 25th Payroll	34,550.09
04/25/25	EFT	int002	April 25th Federal Withholding	2001-101-000	April 25th Federal Withholding	12,420.38
04/25/25	EFT	mnd001	April 25th State Withholding	2003-101-000	April 25th State Withholding	2,074.47
04/25/25	EFT	per001	April 25th PERA	2011-101-000	April 25th PERA	7,389.61
04/25/25	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	1,843.00
04/25/25	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	2,149.00
				<b>Payroll/Benefits:</b>		<b><u>\$117,215.51</u></b>
	<b>Total</b>			<b>Accounts Payable/Payroll/Benefits:</b>		<b><u>\$545,827.10</u></b>



Summary of Professional Engineering Services During the Period  
March 15 through April 18, 2025

	Total Engineering Budget (2025)	Total Fees to Date (2025)	Budget Balance (2025)	Fees During Period	District Accounting Code	Plan Implementation Task Number
<b>Engineering Administration</b>						
General Engineering Administration	\$96,600.00	\$37,849.50	\$58,750.50	\$7,736.00	4121-101	DW-13
RWMWD Health and Safety/ERTK Program (Training)	\$2,000.00	\$0.00	\$2,000.00	\$0.00	4697-101	DW-13
Education Assistance	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	DW-11, DW-13
Targeted Retrofit Outreach, Assessment and Planning	\$25,000.00	\$99.00	\$24,901.00	\$99.00	4121-101	DW-6, DW-13, DW-20
<b>Engineering Review</b>						
Engineering Review	\$78,750.00	\$26,045.00	\$52,705.00	\$9,178.00	4123-101	DW-13
<b>Project Feasibility Studies</b>						
Manufactured Homes Resilience Evaluation	\$20,000.00	\$964.50	\$19,035.50	\$213.00	4129-101	GC-3
Phalen Village Improvements	\$5,000.00	\$0.00	\$5,000.00	\$0.00	4129-101	DW-9
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$25,000.00	\$1,230.50	\$23,769.50	\$1,197.50	4129-101	MR-2
Street Sweeping	\$20,000.00	\$3,774.50	\$16,225.50	\$455.00	4129-101	DW-6, DW-15
Tanners, Battle Creek Lake, McKnight Basin outlet operation plan	\$35,000.00	\$0.00	\$35,000.00	\$0.00	4129-101	DW-9
Interim Emergency Response Plans (Non-Beltline Areas)	\$30,000.00	\$206.50	\$29,793.50	\$206.50	4129-101	DW-19
Flood Risk Reduction feasibility study - 4th street North and 4th Street Place N (N of ABI)	\$75,000.00	\$0.00	\$75,000.00	\$0.00	4129-101	DW-9
Flood Risk Reduction feasibility study - Roseville Central Park	\$50,000.00	\$5,578.00	\$44,422.00	\$2,217.00	4129-101	DW-9
Stormwater Model Updates	\$50,000.00	\$6,072.00	\$43,928.00	\$5,827.00	4129-101	DW-9
Studies Stemming From Creek Walks	\$30,000.00	\$0.00	\$30,000.00	\$0.00	4129-101	DW-1
Shoreline Assessment Assistance	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	DW-8
Wetland Restoration Planning	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	DW-8
Contingency*	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	
<b>GIS Maintenance</b>						
GIS Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$0.00	4170-101	DW-13
<b>Monitoring Water Quality/Project Monitoring</b>						
Lake Water Quality Monitoring (Misc QA/QC)	\$10,000.00	\$1,584.50	\$8,415.50	\$690.00	4520-101	DW-2
Annual WQ Report Assistance	\$20,000.00	\$15,546.50	\$4,453.50	\$9,075.50	4520-101	DW-2
Special Project BMP Monitoring	\$30,000.00	\$7,397.50	\$22,602.50	\$3,931.50	4520-101	DW-12
Grass Lake Berm Wetland Monitoring	\$5,000.00	\$1,648.50	\$3,351.50	\$729.00	4520-101	DW-5, DW-8
Battle Creek and Fish Creek Monitoring	\$20,000.00	\$1,573.00	\$18,427.00	\$1,183.00	4520-101	DW-1, DW-2
<b>Permit Processing, Inspection and Enforcement</b>						
Permit Application Inspection and Enforcement	\$10,000.00	\$1,638.50	\$8,361.50	\$1,638.50	4122-101	DW-7
Permit Application Review	\$70,000.00	\$26,582.00	\$43,418.00	\$5,519.00	4124-101	DW-7
<b>Watershed Management Plan Update</b>						
Ecosystem Restoration Plan (or "Ecosystem Health Action Plan") Placeholder	\$50,000.00	\$0.00	\$50,000.00	\$0.00	4661-101	DW-8, DW-14
WMP Update Phase 1- Stakeholder Engagement	\$47,000.00	\$17,848.50	\$29,151.50	\$2,935.00	4661-101	DW-13
WMP Update Phase 2- Complex Pre-Work	\$30,000.00	\$0.00	\$30,000.00	\$0.00	4661-101	DW-13
WMP Update Phase 3- Draft Plan Development	\$37,000.00	\$0.00	\$37,000.00	\$0.00	4661-101	DW-13
<b>Lake Studies/TMDL Reports</b>						
2025 Grant Applications	\$20,000.00	\$792.00	\$19,208.00	\$49.50	4661-101	DW-13
Contingency for Lake Studies	\$22,500.00	\$0.00	\$22,500.00	\$0.00	4661-101	
<b>Research Projects</b>						
New Technology Mini Case Studies (average 6 per year)	\$15,750.00	\$10,161.50	\$5,588.50	\$240.00	4695-101	DW-12
Wakefield Lake Aeration Feasibility Study	\$50,000.00	\$4,147.00	\$45,853.00	\$1,834.50	4695-101	
<b>Project Operations</b>						
2025 Tanners Alum Facility Monitoring	\$17,850.00	\$880.00	\$16,970.00	\$464.00	4650-101	TaL-3
Phalen/Keller and Twin Operations Support & Communications	\$5,000.00	\$122.00	\$4,878.00	\$0.00	4650-101	DW-5, DW-13, DW-18
Lake Level Station Operation and Maintenance	\$50,000.00	\$12,603.60	\$37,396.40	\$4,959.20	4650-101	DW-5, DW-18
Lake Level Station Forecast Integration	\$55,000.00	\$4,750.50	\$50,249.50	\$2,040.00	4650-101	DW-5, DW-18
<b>Capital Improvements</b>						
Roosevelt Homes Phase III	\$22,000.00	\$42,986.50	-\$20,986.50	\$2,131.50	4128-518	DW-6, DW-9
Targeted Retrofit Projects 2025	\$150,000.00	\$73,116.50	\$76,883.50	\$6,924.00	4128-518	DW-6
Stewardship Grant Program	\$75,000.00	\$4,447.50	\$70,552.50	\$1,977.50	4682-529	DW-6
Pioneer Park Stormwater Reuse*	\$10,000.00	\$2,294.00	\$7,706.00	\$1,716.50	4128-518	DW-6
Double Driveway and Fish Creek Tributary Improvements	\$235,000.00	\$5,043.00	\$229,957.00	\$3,390.00	4129-537	FC-2
Cottage Place Wetland*	\$30,000.00	\$8,257.60	\$21,742.40	\$4,215.00	4128-518	DW-8, DW-14, LE-3
Ames Lake improvements	\$250,000.00	\$0.00	\$250,000.00	\$0.00	4128-520	DW-9, BELT-1
County Road C Culvert Capacity*	\$10,000.00	\$1,844.00	\$8,156.00	\$412.50	4128-520	DW-9, KC-2
Kohlman Creek Improvements*	\$90,000.00	\$70,444.15	\$19,555.85	\$20,709.00	4128-520	DW-9, KC-2
Wabasso Outlet Replacement	\$60,000.00	\$42,313.34	\$17,686.66	\$12,925.50	4128-520	DW-5
Kohlman Lake Alum Treatment*	\$71,300.00	\$19,633.00	\$51,667.00	\$3,411.00	4128-518	KL-2
Woodbury Target*	\$10,000.00	\$436.50	\$9,563.50	\$28.50	4128-518	DW-6
<b>CIP Project Repair &amp; Maintenance</b>						
Routine CIP Inspection and Unplanned Maintenance Identification	\$125,000.00	\$14,138.88	\$110,861.12	\$7,402.50	4128-516	DW-5
2025 CIP Maintenance and Repairs	\$270,360.00	\$71,340.16	\$199,019.84	\$10,237.50	4128-516	DW-5
Beltline long-term fix near river outfall	\$320,000.00	\$287,369.38	\$32,630.62	\$8,554.50	4128-516	BELT-2
Beltline 5-year inspection	\$235,000.00	\$179,492.90	\$55,507.10	\$35,922.66	4128-516	BELT-2

\*For these CIP projects, only the 2025 portion of the total budget is shown.

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

\$182,375.86

Bradley J. Lindaman, Vice President

**2025 Capital Improvement Project (CIP) Progress Payment Number 3**

1.0	Total Completed Through This Period:	<u>\$694,386.00</u>	
2.0	Total Completed Previously Completed:		<u>\$655,126.00</u>
3.0	Total Completed This Period:		<u>\$39,260.00</u>
4.0	Amount Previously Retained:	<u>\$32,756.30</u>	
5.0	Amount Retained This Period:		<u>\$1,963.00</u>
6.0	Total Amount Retained:	<u>\$34,719.30</u>	
7.0	Retainage Released Through This Period:		<u>\$0.00</u>
8.0	Total Retainage Remaining:	<u>\$34,719.30</u>	
9.0	Amounts Previously Paid:	<u>\$622,369.70</u>	
10.0	Amount Due This Estimate:		<u><u>\$37,297.00</u></u>

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


**SUBMITTED BY:**

Name: Jason Fitzgerald Date: 4/25/2025  
Title: President  
Contractor: Fitzgerald Excavating Inc.

Signature: 

**RECOMMENDED BY:**

Name: Brad Lindaman Date: 2025.04.23  
Title: Project Engineer  
Engineer: Barr Engineering Company

Signature: 

**APPROVED BY:**

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

Signature: \_\_\_\_\_

**2025 Capital Improvement Project (CIP)**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through April 22nd, 2025 for Progress Payment Number 3**

						(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
Item	Description	Unit	Estimated Quantity	Unit Price	Extension	Quantity	Amount	Quantity	Amount	Quantity	Amount
General											
A	Mobilization/Demobilization	L.S.	1	\$205,000.00	\$205,000.00	0.8	\$164,000.00	0.8	\$164,000.00	0.0	\$0.00
B	Control of Water	L.S.	1	\$25,000.00	\$25,000.00	0.8	\$20,000.00	0.8	\$20,000.00	0.0	\$0.00
C	Traffic Control	L.S.	1	\$25,000.00	\$25,000.00	0.8	\$20,000.00	0.8	\$20,000.00	0.0	\$0.00
Site 1 - Tamarack Swamp, Woodbury (PFS Basins Cleaning/Sweeping)											
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	92	\$20.00	\$1,840.00	0	\$0.00	0	\$0.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	92	\$13.00	\$1,196.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	100	\$4.00	\$400.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	60	\$3.00	\$180.00	0	\$0.00	0	\$0.00	0	\$0.00
H	Paver Sweeping	S.Y.	1,400	\$10.00	\$14,000.00	700	\$7,000.00	0	\$0.00	700	\$7,000.00
Site 2 - Lower Afton Road, Maplewood (Drainageway Sediment Removal)											
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	127	\$20.00	\$2,540.00	60	\$1,200.00	60	\$1,200.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	127	\$13.00	\$1,651.00	60	\$780.00	60	\$780.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	200	\$1.00	\$200.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	S.Y.	45	\$15.00	\$675.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 3 - Roseville Middle School Splash Block Repair											
J	Repair Existing Splashblock Assembly	S.F.	25	\$200.00	\$5,000.00	25	\$5,000.00	0	\$0.00	25	\$5,000.00
Site 4 - Gervais Creek Maintenance											
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	480	\$20.00	\$9,600.00	358	\$7,160.00	358	\$7,160.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	480	\$13.00	\$6,240.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	800	\$4.00	\$3,200.00	499	\$1,996.00	499	\$1,996.00	0	\$0.00
K	Remove and Dispose of Existing 1 ½" to 2" Filter Rock	L.S.	1	\$25,000.00	\$25,000.00	1	\$25,000.00	1	\$25,000.00	0	\$0.00
L	Clear Washed Filter Rock	Ton	50	\$75.00	\$3,750.00	53	\$3,975.00	53	\$3,975.00	0	\$0.00
M	Flotation Silt Curtain	L.F.	45	\$25.00	\$1,125.00	95	\$2,375.00	95	\$2,375.00	0	\$0.00
I	Composite Mud Mats	S.Y.	100	\$15.00	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	40	\$4.00	\$160.00	272	\$1,088.00	272	\$1,088.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 5 - McKnight Basin Pond Maintenance											
N	Construction Entrance	Each	1	\$3,000.00	\$3,000.00	1	\$3,000.00	1	\$3,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	7,853	\$20.00	\$157,060.00	4,721	\$94,420.00	4,721	\$94,420.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	7,853	\$13.00	\$102,089.00		\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	1,000	\$4.00	\$4,000.00	3,363	\$13,452.00	3,363	\$13,452.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	200	\$4.00	\$800.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	S.Y.	30	\$15.00	\$450.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	0	\$0.00	0	\$0.00	0	\$0.00

**2025 Capital Improvement Project (CIP)**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through April 22nd, 2025 for Progress Payment Number 3**

						(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
Item	Description	Unit	Estimated Quantity	Unit Price	Extension	Quantity	Amount	Quantity	Amount	Quantity	Amount
Site 6 - Maple Hills. Pond Maintenance											
N	Construction Entrance	Each	1	\$3,000.00	\$3,000.00	1	\$3,000.00	1	\$3,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	1,074	\$20.00	\$21,480.00	582	\$11,640.00	582	\$11,640.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	1,074	\$13.00	\$13,962.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	500	\$4.00	\$2,000.00	653	\$2,612.00	653	\$2,612.00	0	\$0.00
M	Flotation Silt Curtain	L.F.	175	\$25.00	\$4,375.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	40	\$4.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	20	\$120.00	\$2,400.00	20	\$2,400.00	20	\$2,400.00	0	\$0.00
Site 7 - Pond 9 Maintenance											
N	Construction Entrance	Each	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	1,470	\$20.00	\$29,400.00	1,218	\$24,360.00	1,218	\$24,360.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	1,470	\$13.00	\$19,110.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	200	\$4.00	\$800.00	150	\$600.00	150	\$600.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	60	\$4.00	\$240.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	10	\$120.00	\$1,200.00	10	\$1,200.00	10	\$1,200.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	2	\$500.00	2	\$500.00	0	\$0.00
Site 8 - Maple Leaf Pond Maintenance											
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	342	\$20.00	\$6,840.00	366	\$7,320.00	366	\$7,320.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	342	\$13.00	\$4,446.00	426	\$5,538.00	426	\$5,538.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	100	\$4.00	\$400.00	158	\$632.00	158	\$632.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	40	\$4.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
I	Composite Mud Mats	S.Y.	130	\$15.00	\$1,950.00	130	\$1,950.00	130	\$1,950.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	10	\$120.00	\$1,200.00	10	\$1,200.00	10	\$1,200.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	1	\$250.00	1	\$250.00	0	\$0.00
Site 9 - Harbor Place Pond Maintenance											
N	Construction Entrance	Each	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	45	\$20.00	\$900.00	40	\$800.00	40	\$800.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	45	\$13.00	\$585.00	40	\$520.00	40	\$520.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	150	\$4.00	\$600.00	31	\$124.00	31	\$124.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	20	\$4.00	\$80.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	Each	1	\$300.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	10	\$120.00	\$1,200.00	0	\$0.00	0	\$0.00	0	\$0.00
Site 10 - Arlington Ave. & Currie St. Pond Maintenance											
N	Construction Entrance	Each	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	816	\$20.00	\$16,320.00	818	\$16,360.00	818	\$16,360.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	816	\$13.00	\$10,608.00	818	\$10,634.00	818	\$10,634.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	400	\$4.00	\$1,600.00	197	\$788.00	197	\$788.00	0	\$0.00

**2025 Capital Improvement Project (CIP)**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through April 22nd, 2025 for Progress Payment Number 3**

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
G	Sediment Log (9-Inch Diameter)	L.F.	40	\$4.00	\$160.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	Each	3	\$300.00	\$900.00	3	\$900.00	3	\$900.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	10	\$120.00	\$1,200.00	10	\$1,200.00	10	\$1,200.00	0	\$0.00
<b>Site 11 - Kowalski Ponds Maintenance</b>											
N	Construction Entrance	Each	2	\$3,000.00	\$6,000.00	1	\$3,000.00	1	\$3,000.00	0	\$0.00
D	Disposal Only Fee for Regulated Material (SRV Level Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	1,400	\$20.00	\$28,000.00	1,495	\$29,900.00	1,495	\$29,900.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	1,400	\$13.00	\$18,200.00	1,495	\$19,435.00	1,495	\$19,435.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	1,500	\$4.00	\$6,000.00	670	\$2,680.00	630	\$2,520.00	40	\$160.00
G	Sediment Log (9-Inch Diameter)	L.F.	1	\$4.00	\$4.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	Each	2	\$300.00	\$600.00	6	\$1,800.00	4	\$1,200.00	2	\$600.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	30	\$120.00	\$3,600.00	0	\$0.00	0	\$0.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	1	\$250.00	1	\$250.00	0	\$0.00
<b>Site 12 - Kohlman Lake Maintenance</b>											
N	Construction Entrance	Each	1	\$2,000.00	\$2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	371	\$20.00	\$7,420.00	632	\$12,640.00	632	\$12,640.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	371	\$13.00	\$4,823.00	0	\$0.00	0	\$0.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	300	\$4.00	\$1,200.00	74	\$296.00	74	\$296.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	120	\$4.00	\$480.00	0	\$0.00	0	\$0.00	0	\$0.00
M	Flotation Silt Curtain	L.F.	380	\$25.00	\$9,500.00	250	\$6,250.00	250	\$6,250.00	0	\$0.00
N	Composite Mud Mats	S.Y.	200	\$15.00	\$3,000.00	200	\$3,000.00	200	\$3,000.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	0	\$0.00	0	\$0.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	10	\$120.00	\$1,200.00	0	\$0.00	0	\$0.00	0	\$0.00
R	Remove and Dispose of Existing Catch Basin Manhole	L.S.	1	\$1,500.00	\$1,500.00	1	\$1,500.00	0	\$0.00	1	\$1,500.00
S	60" Precast Catch Basin Manhole with 4' Sump, Complete	L.S.	1	\$25,000.00	\$25,000.00	0	\$0.00	0	\$0.00	0	\$0.00
<b>Site 13 - SC220 Pond Maintenance</b>											
N	Construction Entrance	Each	1	\$3,000.00	\$3,000.00	0	\$0.00	0	\$0.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	742	\$20.00	\$14,840.00	990	\$19,800.00	990	\$19,800.00	0	\$0.00
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	742	\$13.00	\$9,646.00	990	\$12,870.00	990	\$12,870.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	800	\$4.00	\$3,200.00	491	\$1,964.00	491	\$1,964.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	80	\$4.00	\$320.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	Each	1	\$300.00	\$300.00	1	\$300.00	1	\$300.00	0	\$0.00
M	Flotation Silt Curtain	L.F.	30	\$25.00	\$750.00	30	\$750.00	30	\$750.00	0	\$0.00
P	Inlet Protection	Each	4	\$250.00	\$1,000.00	2	\$500.00	2	\$500.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	30	\$120.00	\$3,600.00	30	\$3,600.00	30	\$3,600.00	0	\$0.00
<b>Site 14 - SC235 Pond Maintenance</b>											
N	Construction Entrance	Each	1	\$1,000.00	\$1,000.00	1	\$1,000.00	1	\$1,000.00	0	\$0.00
D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Offsite Delivery of Unregulated Material (SRV Level 1)	Ton	1,526	\$20.00	\$30,520.00	2,303	\$46,060.00	2,303	\$46,060.00	0	\$0.00

**2025 Capital Improvement Project (CIP)  
Ramsey-Washington Metro Watershed District  
Summary of Work Completed Through April 22nd, 2025 for Progress Payment Number 3**

						(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
Item	Description	Unit	Estimated Quantity	Unit Price	Extension	Quantity	Amount	Quantity	Amount	Quantity	Amount
E	Disposal Only Fee for Regulated Material (SRV Level 2 and 3)	Ton	1,526	\$13.00	\$19,838.00	2,303	\$29,939.00	2,303	\$29,939.00	0	\$0.00
F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	1,000	\$4.00	\$4,000.00	457	\$1,828.00	457	\$1,828.00	0	\$0.00
G	Sediment Log (9-Inch Diameter)	L.F.	100	\$4.00	\$400.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Remove Select Tree	Each	1	\$300.00	\$300.00	1	\$300.00	1	\$300.00	0	\$0.00
M	Flotation Silt Curtain	L.F.	30	\$25.00	\$750.00	50	\$1,250.00	50	\$1,250.00	0	\$0.00
P	Inlet Protection	Each	2	\$250.00	\$500.00	2	\$500.00	2	\$500.00	0	\$0.00
O	MN/DOT Class III Riprap (Field Stone) with Geotextile Filter Fabric	Ton	20	\$120.00	\$2,400.00	0	\$0.00	0	\$0.00	0	\$0.00
Contract Base Extensions =					\$969,123.00		\$669,386.00		\$655,126.00		\$14,260.00
Change Order 1											
C.O.1.A	Woodbury Ponds - Overflow Structure Replacement	Each	2	\$12,500.00	\$25,000.00	2	\$25,000.00	0	\$0.00	2	\$25,000.00
						0	\$0.00	0	\$0.00	0	\$0.00
Change Order Extensions =					\$25,000.00		\$25,000.00		\$0.00		\$25,000.00
Contract Grand Total =					\$994,123.00		\$694,386.00		\$655,126.00		\$39,260.00



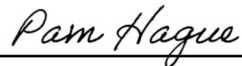
**County Road C Culvert Replacement Final Payment (Payment Number 3)**

1.0	Total Completed Through This Period:	<u>\$596,060.54</u>	
2.0	Total Completed Previously Completed:	<u>\$579,230.12</u>	
3.0	Total Completed This Period:		<u>\$16,830.42</u>
4.0	Amount Previously Retained:	<u>\$28,961.51</u>	
5.0	Amount Retained This Period:		<u>\$0.00</u>
6.0	Total Amount Retained:	<u>\$28,961.51</u>	
7.0	Retainage Released Through This Period:		<u>\$28,961.51</u>
8.0	Total Retainage Remaining:	<u>\$0.00</u>	
9.0	Amounts Previously Paid:	<u>\$550,268.61</u>	
10.0	Amount Due This Estimate:		<u><u>\$45,791.93</u></u>

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

SUBMITTED BY:

Name: Pam Hague Date: 4/14/2025  
Title: Contracts Manager  
Contractor: Bituminous Roadways, Inc.

Signature: 

RECOMMENDED BY:

Name: Tyler Olsen Date: 4/14/2025  
Title: Project Engineer  
Engineer: Barr Engineering Company

Signature: 

APPROVED BY:

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

Signature: \_\_\_\_\_

**County Road C Culvert Replacement Final Payment (Payment Number 3)**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through November 30, 2024 for Final Payment (Payment Number 3)**

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
A	Mobilization/Demobilization	LS	1	\$18,550.00	\$18,550.00	1	\$18,550.00	1	\$18,550.00	0	\$0.00
B	Traffic Control	LS	1	\$3,630.00	\$3,630.00	1	\$3,630.00	1	\$3,630.00	0	\$0.00
C	Rock Construction Entrance	EA	1	\$1,080.00	\$1,080.00	0	\$0.00	0	\$0.00	0	\$0.00
D	Mud Mat Construction Entrance	EA	1	\$650.00	\$650.00	0	\$0.00	0	\$0.00	0	\$0.00
E	Sediment Log	LF	522	\$2.50	\$1,305.00	568	\$1,420.00	568	\$1,420.00	0	\$0.00
F	Rock Filter Dike	EA	1	\$1,330.00	\$1,330.00	1	\$1,330.00	1	\$1,330.00	0	\$0.00
G	Inlet Protection - Filter Sack	EA	2	\$165.00	\$330.00	2	\$330.00	2	\$330.00	0	\$0.00
H	Seeding and Erosion Control Blanket	SY	1500	\$4.00	\$6,000.00	1,500	\$6,000.00	1,500	\$6,000.00	0	\$0.00
I	Removal of Trees, Brush, and Debris (Disposal Off Site)	LS	1	\$14,000.00	\$14,000.00	1	\$14,000.00	1	\$14,000.00	0	\$0.00
J	Remove and Dispose of 42" Pipe Culvert	LF	130	\$20.00	\$2,600.00	130	\$2,600.00	130	\$2,600.00	0	\$0.00
K	Sawcut Pavement (All Types and Thickness)	LF	90	\$3.50	\$315.00	90	\$315.00	90	\$315.00	0	\$0.00
L	Remove and Dispose Bituminous Road Pavement	SY	570	\$3.00	\$1,710.00	570	\$1,710.00	570	\$1,710.00	0	\$0.00
M	Remove and Dispose Bituminous Driveway Pavement	SY	200	\$8.00	\$1,600.00	200	\$1,600.00	200	\$1,600.00	0	\$0.00
N	Remove Sanitary Sewer Pipe and Manhole	LF	70	\$11.00	\$770.00	52	\$572.00	52	\$572.00	0	\$0.00
O	Remove Water Main	LF	74	\$6.50	\$481.00	82	\$533.00	82	\$533.00	0	\$0.00
P	Temporary Culvert Inlet Restriction (CMU)	SF	47	\$295.00	\$13,865.00	0	\$0.00	0	\$0.00	0	\$0.00
Q	Strip, Salvage, and Replace Topsoil (6-in Depth)	CY	80	\$24.00	\$1,920.00	80	\$1,920.00	80	\$1,920.00	0	\$0.00
R	Common Embankment (P)	CY	900	\$13.00	\$11,700.00	900	\$11,700.00	900	\$11,700.00	0	\$0.00
S	Select Granular Material	CY	900	\$22.00	\$19,800.00	1,099	\$24,173.60	1,099	\$24,173.60	0	\$0.00
T	Fine Aggregate Bedding	CY	200	\$70.00	\$14,000.00	200	\$14,000.00	200	\$14,000.00	0	\$0.00
U	Import Culvert Infill Substrate	CY	70	\$81.00	\$5,670.00	76	\$6,141.42	70	\$5,670.00	6	\$471.42
V	Aggregate Base Class 6	CY	100	\$30.00	\$3,000.00	100	\$3,000.00	100	\$3,000.00	0	\$0.00
W	Riprap (Mn/DOT Class III)		60	\$135.00	\$8,100.00	63	\$8,486.10	63	\$8,486.10	0	\$0.00
X	Import and Place Topsoil	CY	200	\$68.00	\$13,600.00	121	\$8,228.00	113	\$7,684.00	8	\$544.00
Y	Common Excavation (P)	CY	2000	\$25.00	\$50,000.00	2,000	\$50,000.00	2,000	\$50,000.00	0	\$0.00
Z	Water Management	LS	1	\$27,500.00	\$27,500.00	1	\$27,500.00	1	\$27,500.00	0	\$0.00
AA	Bituminous Mixture SPWEA440C (SP 9.5 Wear Course 4,C), with Tack Coatings	TON	160	\$115.00	\$18,400.00	134	\$15,428.40	134	\$15,428.40	0	\$0.00
AB	Bituminous Mixture SPNWB430B (SP 12.5 Non-wear Course 4,B)	TON	100	\$100.00	\$10,000.00	104	\$10,353.00	104	\$10,353.00	0	\$0.00
AC	Concrete Curb & Gutter, MnDOT Design B624	LF	40	\$125.00	\$5,000.00	40	\$5,000.00	40	\$5,000.00	0	\$0.00
AD	Bituminous Curb	LF	260	\$15.00	\$3,900.00	530	\$7,950.00	0	\$0.00	530	\$7,950.00
AE	Painted Pavement Markings	LS	1	\$6,785.00	\$6,785.00	1	\$6,785.00	0	\$0.00	1	\$6,785.00
AF	Ductile Iron Pipe Water Main	LF	74	\$150.00	\$11,100.00	82	\$12,300.00	82	\$12,300.00	0	\$0.00
AG	Temporary Water Service	EA	2	\$0.01	\$0.02	2	\$0.02	2	\$0.02	0	\$0.00
AH	12" Sanitary Sewer Pipe	LF	70	\$100.00	\$7,000.00	48	\$4,800.00	48	\$4,800.00	0	\$0.00
AI	Temporary Sewer Service	EA	2	\$2,750.00	\$5,500.00	2	\$5,500.00	2	\$5,500.00	0	\$0.00
AJ	Sanitary Sewer Manhole, 48" Dia. (incl. Casting)	EA	1	\$9,290.00	\$9,290.00	1	\$9,290.00	1	\$9,290.00	0	\$0.00
AK	Drainage Structure, 48" Dia. MnDOT Design 4022 (incl. Casting)	EA	2	\$11,000.00	\$22,000.00	2	\$22,000.00	2	\$22,000.00	0	\$0.00
AL	14' Span X 4' Rise Concrete Box Culvert (MnDOT Class 3)	LF	120	\$1,985.00	\$238,200.00	121	\$240,185.00	121	\$240,185.00	0	\$0.00
AM	14' Span X 4' Rise Concrete Box Culvert End Section (MnDOT Type I)	EA	2	\$17,900.00	\$35,800.00	2	\$35,800.00	2	\$35,800.00	0	\$0.00

**Contract Base Extensions =**      \$596,481.02      \$583,130.54      \$567,380.12      \$15,750.42

**Change Order 1**

C.O.1.A	Remove Bid Item "P" Temporary Culvert Inlet Restriction (CMU)	SF	47	-\$295.00	-\$13,865.00	0	\$0.00	0	\$0.00	0	\$0.00
	Replace Bid Item "P" with Temporary Culvert Inlet Restriction (Steel Plate)	LS	1	\$11,850.00	\$11,850.00	1	\$11,850.00	1	\$11,850.00	0	\$0.00
C.O.2.A	Add Bid Item "Clearing and Grubbing"	AC	0.12	\$9,000.00	\$1,080.00	0.12	\$1,080.00	0.00	\$0.00	0.12	\$1,080.00

**Change Order Extensions =**      -\$935.00      \$12,930.00      \$11,850.00      \$1,080.00

**Contract Grand Total =**      **\$595,546.02**      **\$596,060.54**      **\$579,230.12**      **\$16,830.42**

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

Page: 1  
April 24, 2025  
File No: 9M

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

	Balance
General Account	\$3,352.50
FISH CREEK PROJECT	\$100.00
	<u>\$3,452.50</u>

# Permit Application Coversheet

**Date** May 07, 2025

**Project Name** Maplewood 2025 SIP- Prosperity Rd

**Project Number** 25-10

**Applicant Name** Tyler Strong, City of Maplewood

**Type of Development** Linear

## Property Description

This project is located along Prosperity Road, north of Larpenteur and east of Wakefield Lake. There is also a small area of work on Hazelwood Ave just north of Wakefield Lake. The applicant is proposing to fully reconstruct both segments of roadway with new utilities, curb and gutter, and a pervious pavement trail on the west side of Prosperity. The project will result in an overall net reduction of 0.17 acres of impervious surface by reducing road widths. The total disturbed area is 9.64 acres. An underground infiltration system and 10 residential rain gardens are proposed to meet stormwater treatment requirements. Pretreatment will include sumped structures and SAFL baffles. Rule D (flood control) was triggered due to work within a low spot of Hazelwood Ave that is in the floodplain. Compensatory storage will be provided on site to ensure there is no net loss of floodplain storage.

## Watershed District Policies or Standards Involved:

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

## Water Quantity Considerations

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

## Water Quality Considerations

### Short Term

Erosion and sediment control plan is sufficient to protect downstream water resources.

### Long Term

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

## Staff Recommendation

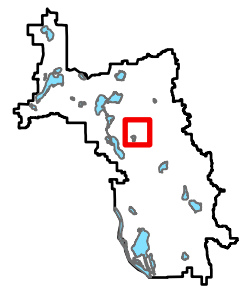
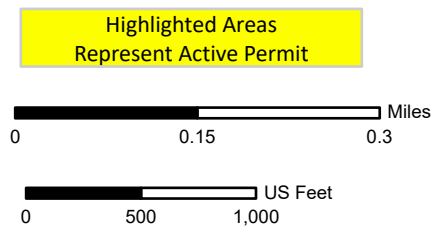
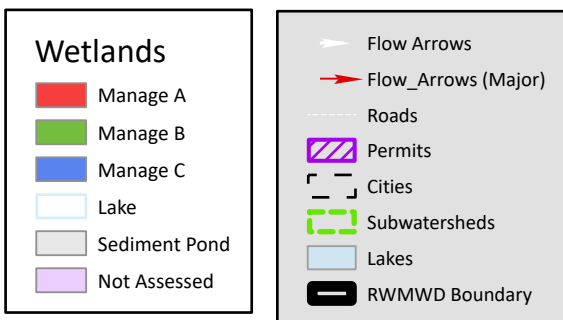
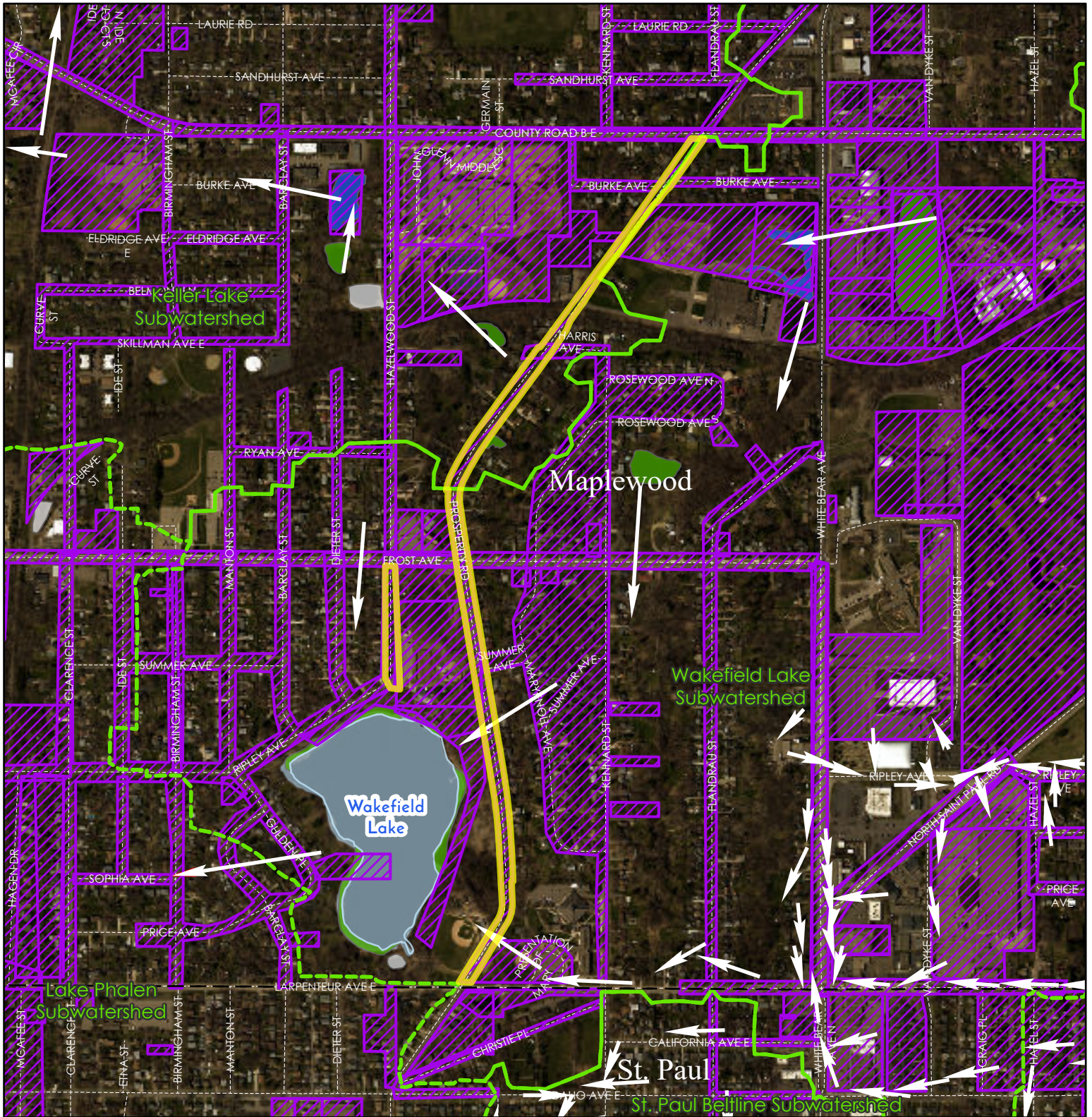
Staff recommends approval of this permit with the special provisions.

## Attachments:

- ☒ **Project Location Map**
- ☐ **Project Grading Plan**



## #25-10 Maplewood 2025 - SIP - Prosperity Rd




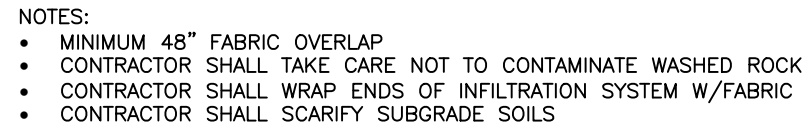


**Special Provisions**

1. The permittee shall add the following notes to the plansheets:
  - A. Keep underground stormwater infiltration system and rainwater gardens protected from soil compaction and turbid construction runoff. Keep systems offline until contributing areas are permanently restored.
  - 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 construction of the underground infiltration system.
  - D. Protect all existing rainwater gardens within and downstream of the project work area. If impacts to existing rainwater gardens are proposed, notify Mary Fitzgerald, Ramsey-Washington Metro Watershed District, at 651-792-7956.
2. Provide construction details for the underground infiltration system's outlet/water level control.
3. The permittee shall label the 100-year High Water Level for the underground infiltration system on the plans.
4. The permittee shall label the 100-year and Normal Water Level for Wakefield Lake on the plans.
5. The permittee shall submit the complete final, signed plans set.
6. The permittee must submit contact information for the trained/certified erosion control coordinator responsible for implementing the SWPPP.
7. The permittee must submit a copy of the approved NPDES permit coverage for the project.

## Exhibit 5

NTS STA. 3+35 - 6+52



*City of Maplewood*  
**DEPARTMENT OF PUBLIC WORKS**  
*ENGINEERING DIVISION*  
 1902 East County Road B  
 Maplewood, Minnesota 55109  
 (651) 249-2400 FAX (651) 249-2409

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.

JONATHAN E. JAROSCH  
DATE 3/23/20 LICENSE NO. 49105

DESIGNED TMS  
DRAWN AJE, RKL  
CHECKED JEJ

2025 STREET IMP.

## CONSTRUCTION DETAILS

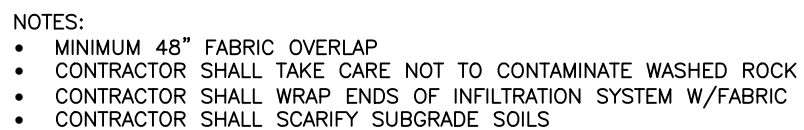
DATE	REVISION	DESCRIPTION
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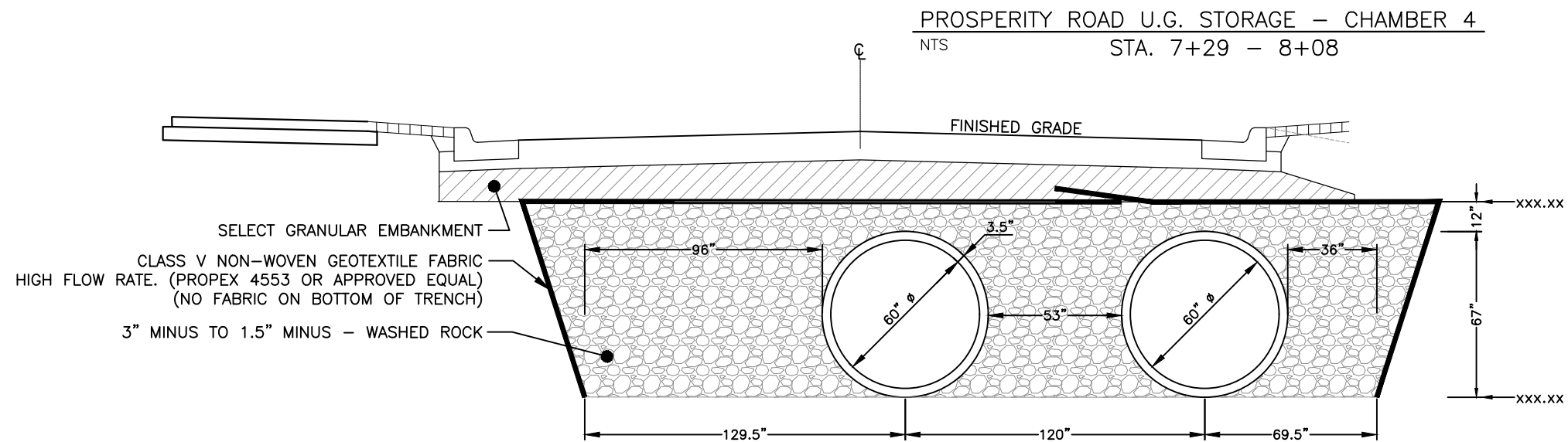
RECORD DRAWING  
BY RKL  
DATE 1-27-2021

CARD NUMBER

SHEET NO.  
15

NTS STA. 6+52 - 7+29





- NOTES:
- MINIMUM 48" FABRIC OVERLAP
  - CONTRACTOR SHALL TAKE CARE NOT TO CONTAMINATE WASHED ROCK
  - CONTRACTOR SHALL WRAP ENDS OF INFILTRATION SYSTEM W/FABRIC
  - CONTRACTOR SHALL SCARIFY SUBGRADE SOILS

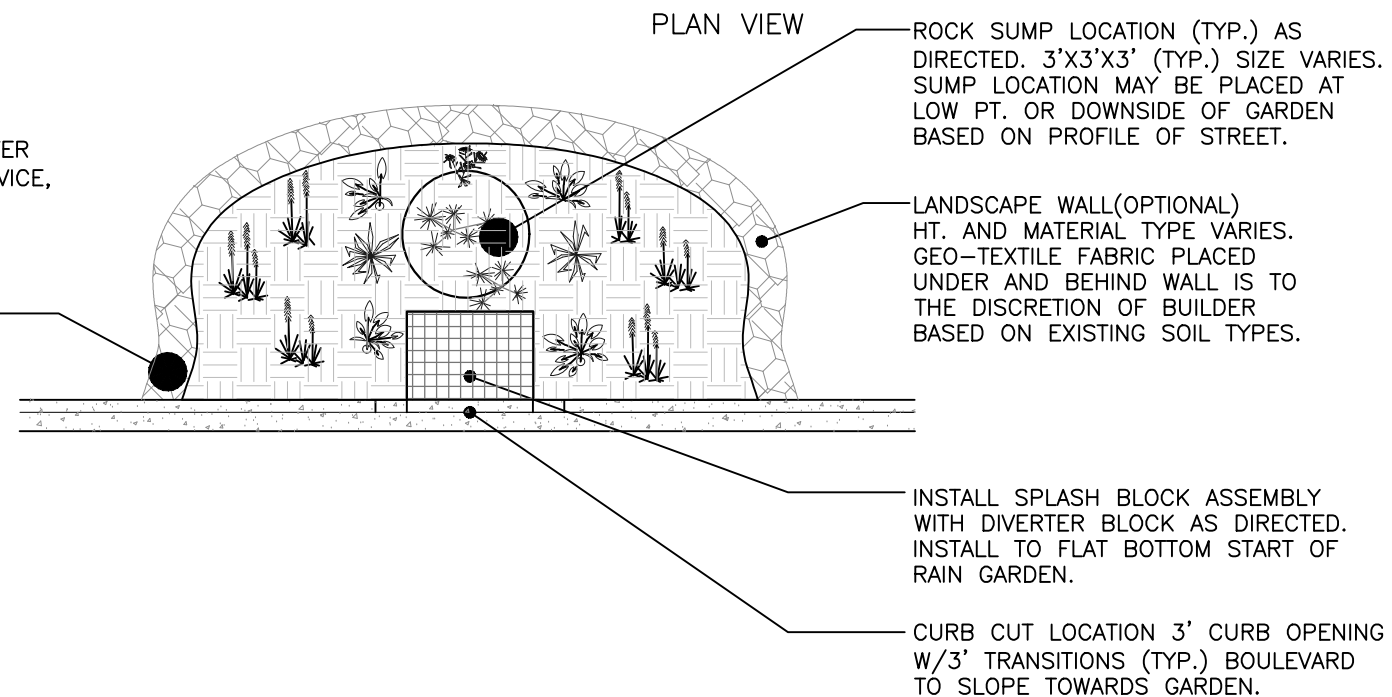
## RAIN GARDEN PLAN VIEW

DRAWING NOT TO SCALE.

GARDEN SHALL NOT BE PLACED OVER UTILITIES (SAN. SEWER, WATER SERVICE, GAS SERVICE, ETC.)

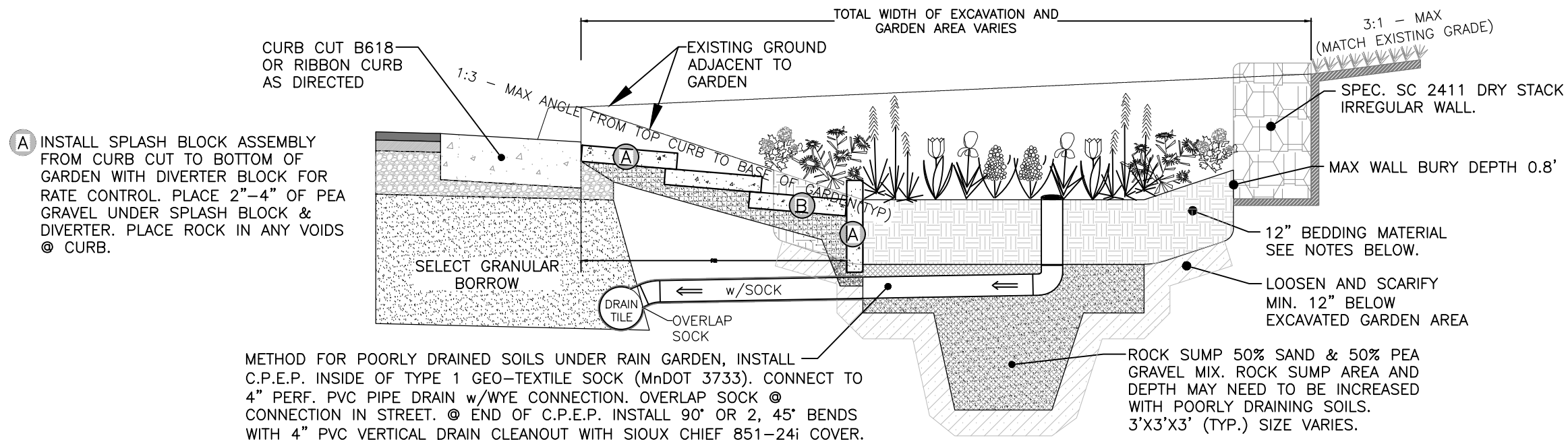
TAPER & FLATTEN WALL TO MATCH TOP OF CURB HEIGHT. SEE NOTE #5 BELOW REGARDING EDGING.

TYPICAL RAIN GARDEN SIZES VARY. GARDENS MAY BE CUSTOMIZED TO MATCH EXISTING TERRAIN AND LANDSCAPE. 10' X 20'(TYP.)

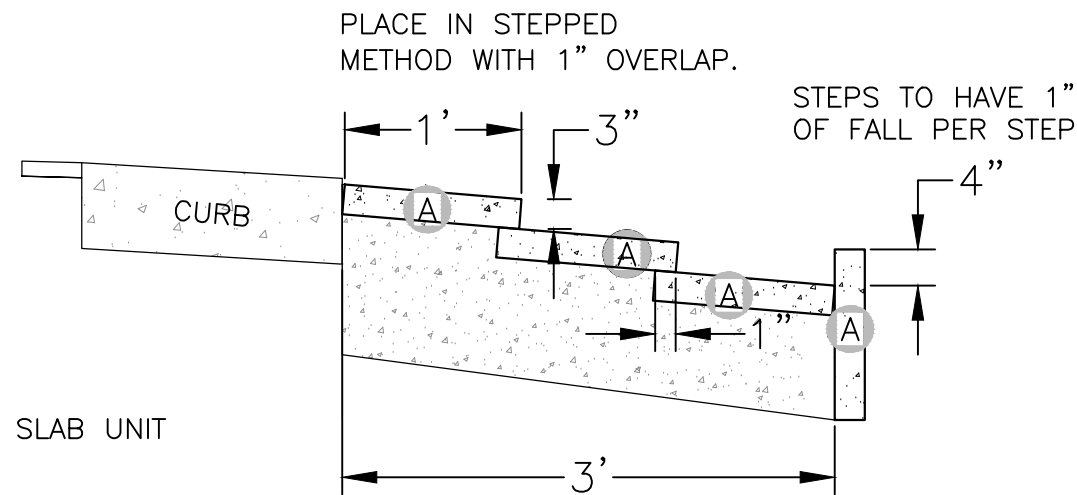
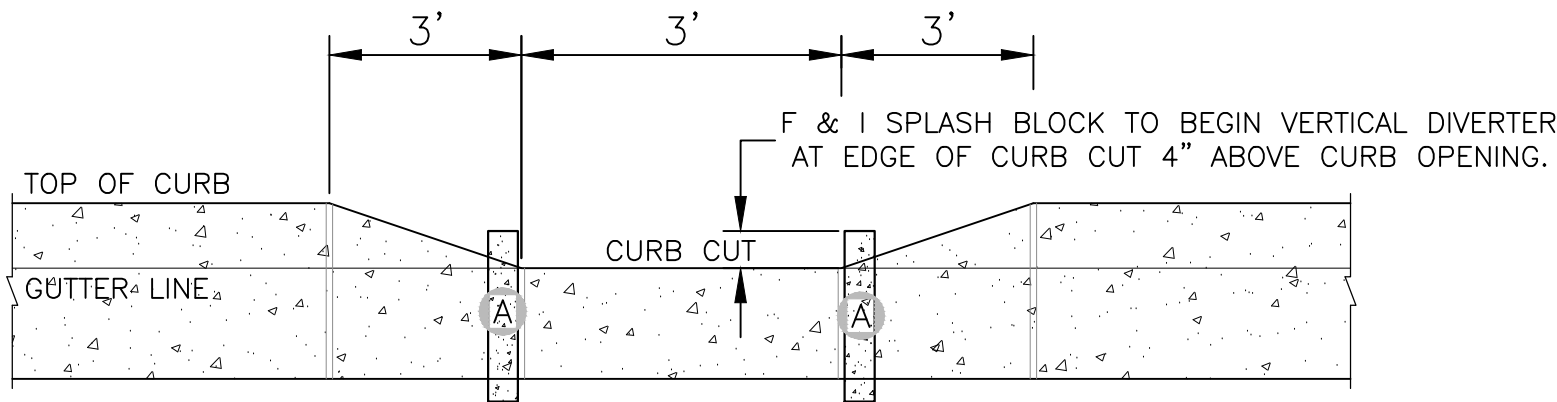




# RAIN GARDEN SECTION VIEW



# RAIN GARDEN CURB CUT AND SPLASH BLOCK ASSEMBLY



## NOTES:

- HAND FORM CURB CUT TO SLOPE & DRAIN INTO RAIN GARDEN
- GRADE ADJACENT BOULEVARD TO DRAIN TO RAIN GARDEN

## **A** STONE SLAB UNIT

- SPLASH BLOCK ASSEMBLY**
- 6 STONE STONE SLABS IN EACH SPLASH BLOCK ASSEMBLY.
  - 3 FOR SIDES AND 3 FOR STEPS.
  - STONE SHALL BE FON-DU-LAC LIMESTONE OF APP. EQUAL.
  - INDIV. STONE UNIT SIZE IS 1-FOOT X 3-FOOT X 3-INCH.
  - CONSTRUCT BOX AS SHOWN.

City of Maplewood  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1902 East County Road B  
Maplewood, Minnesota 55109  
(651) 249-2400 FAX (651) 249-2409

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.  
JONATHAN E. JAROSCH  
DATE 3/23/20 LICENSE NO. 49105

DESIGNED TMS  
DRAWN AJE, RKL  
CHECKED JEJ

2025 STREET IMP.  
CONSTRUCTION DETAILS

REVISION	DESCRIPTION	DATE

RECORD DRAWING  
BY RKL  
DATE 1-27-2021

CARD NUMBER

SHEET NO.  
15

# Permit Application Coversheet

Date May 07, 2025

Project Name Helmo Station Development

Project Number 25-11

Applicant Name Brian Bochman, Enclave Companies

Type of Development Mixed Use

## Property Description

This project is located southeast of 4th Street North and Helmo Avenue North in the City of Oakdale. The applicant is proposing a mixed use development in three parts: townhomes north of 3rd Street, as well as a park and apartment building south of 3rd Street. The total disturbed area is approximately 19 acres. The eastern half of the development is located within the jurisdictional boundary of South Washington Watershed District (SWWD). SWWD defers permitting authority to the City of Oakdale, thus the total development has been designed to meet RWMWD permit requirements. Five underground filtration systems, a wet pond, and a surface filtration basin are proposed to meet stormwater treatment requirements. The downstream structure of the underground system south of 3rd Street will include a proprietary filtration cartridge system. Filtration is being proposed due to poor soils. A variety of pretreatment methods are proposed, including vegetated filter strips, sump structures, Preserver energy dissipation, skimmer plates, and isolator rows. A small portion of reconstructed impervious area will be treated offsite through the use of banked (excess) volume credits immediately downstream (west) of the development.

## 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

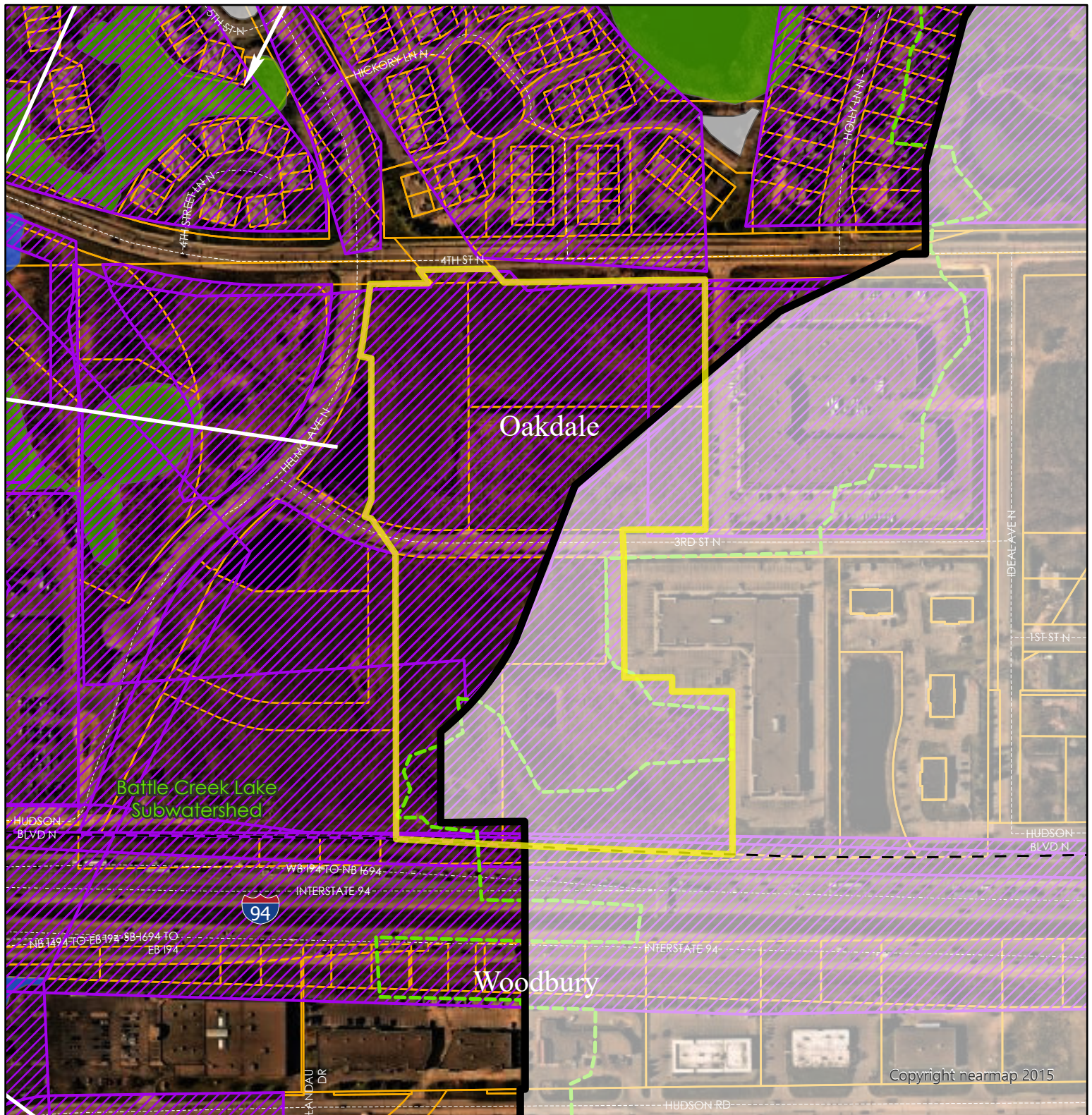
Staff recommends approval of this permit with the special provisions.

## Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan



# #25-11 Helmo Station Development



## Wetlands

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

## Flow Arrows

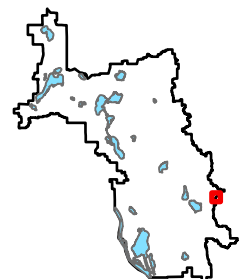
- Roads
- Permits
- Cities
- Subwatersheds
- Washington Co Parcels
- RWMWD Boundary

Shaded area is outside RWMWD

Highlighted Areas  
Represent Active Permit

0 0.05 0.1 Miles

0 250 500 US Feet



### Special Provisions

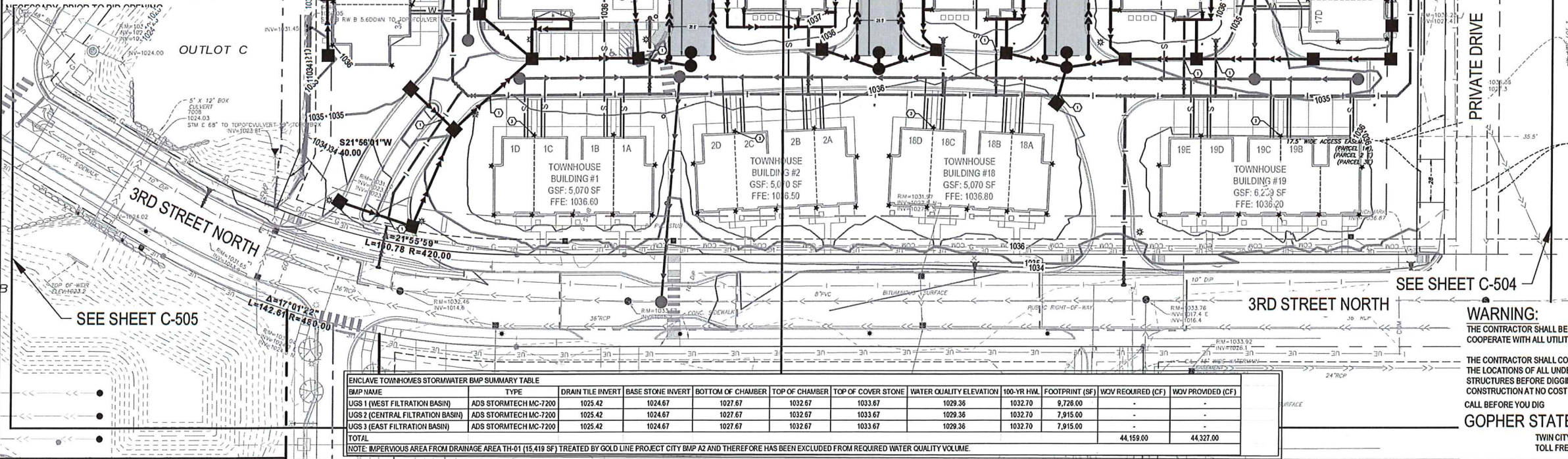
1. The applicant shall submit the escrow payment of \$94,650.
2. The applicant shall submit the final, signed plans sets.
3. The applicant shall submit an executed stormwater maintenance agreement for the proposed stormwater facilities under long-term private ownership.
4. The applicant shall submit a site-specific Stormwater BMP Operations & Maintenance Plan for the proposed stormwater facilities under long-term private ownership. The O&M Plan should include sufficient explanation in plain language for long-term inspection and maintenance purposes.
  - A. Include a narrative description of the proposed facilities.
  - B. Include a labeled figure that calls out inspection and maintenance locations.
  - C. Include examples of companies that complete maintenance on underground stormwater treatment systems, including those with experience with proprietary filter cartridges.
5. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



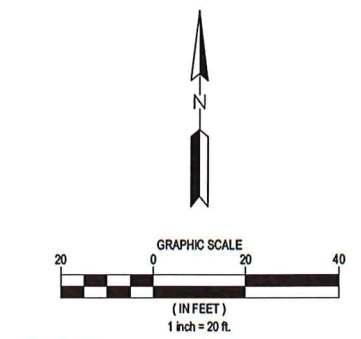
4/20/25 6:28:31 PM C:\Users\jld\OneDrive\Documents\Enclave - Townhomes at Helmo Station\DWG\STORM\STORM\_STRUCTURE\_SCHEDULE.dwg STORM SEWER PLAN, TYPING, 4/20/25 JLD/ST, MICHAEL

STORM STRUCTURE SCHEDULE			
DETAIL			
STRUCTURE ID	SIZE	STRUCTURE	CASTING
CBMH-109	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-110	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-111	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-112	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
CBMH-114	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
CBMH-115	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-116	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-117	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-118	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-119	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-121	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
CBMH-122	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-124	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
CBMH-125	48" Ø	SEE DETAIL ST-2/C-801	R-3067-V
CBMH-126	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
CBMH-127	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
CBMH-128	48" Ø	SEE DETAIL ST-2/C-801	R-3067-VB
FES-101	36"	SEE DETAIL ST-9/C-802	
MH-113	48" Ø	SEE DETAIL ST-1/C-801	R-1642
MH-141	48" Ø	SEE DETAIL ST-1/C-801	R-1642
OCS-105 W	84" Ø	SEE DETAIL 2/C-805	R-1642
STMH-102 W	96" Ø	SEE DETAIL 7/C-804	R-1642
STMH-103	72" Ø	SEE DETAIL ST-1/C-801	R-1642
STMH-104	72" Ø	SEE DETAIL ST-1/C-801	R-1642
STMH-106	84" Ø	SEE DETAIL 2/C-805	R-1642
STMH-107	84" Ø	SEE DETAIL 2/C-805	R-1642
STMH-108 W	48" Ø	SEE DETAIL 7/C-804	R-1642
STMH-120 W	48" Ø	SEE DETAIL 7/C-804	R-1642
STMH-123 W	48" Ø	SEE DETAIL 7/C-804	R-1642
STMH-140 W	60" Ø	SEE DETAIL 7/C-804	R-1642
OCS-142 W	48" Ø	SEE DETAIL ST-8/C-804	R-1642
STMH-161	48" Ø	SEE DETAIL ST-2/C-801	R-1642
YD-129 TO YD-160	15" Ø	SEE DETAIL INLINE DRAIN W/ DOME GRATE/C-806	15" DUCTILE IRON GRATE
ADS POLYLOK CATCH BASIN	12" X 12"	SEE DETAIL X1C-80X	12" X 12" CATCH BASIN GRATE
UNDERGROUND INSPECTION PORT		SEE DETAIL 1/C-805	

\* STRUCTURE SIZES ARE APPROXIMATE. PRECAST MANUFACTURER TO CONFIRM SIZES AND ADJUST AS NECESSARY PRIOR TO BEGINNING CONSTRUCTION.



ENCLAVE TOWNHOMES STORMWATER BMP SUMMARY TABLE									
BMP NAME	TYPE	DRAIN TILE INVERT	BASE STONE INVERT	BOTTOM OF CHAMBER	TOP OF CHAMBER	TOP OF COVER STONE	WATER QUALITY ELEVATION	100-YR HML	FOOTPRINT (SF)
UGS1 (WEST FILTRATION BASIN)	ADS STORMTECH MC-7200	1025.42	1024.67	1027.67	1032.67	1033.67	1029.36	1032.70	9,728.00
UGS2 (CENTRAL FILTRATION BASIN)	ADS STORMTECH MC-7200	1025.42	1024.67	1027.67	1032.67	1033.67	1029.36	1032.70	7,915.00
UGS3 (EAST FILTRATION BASIN)	ADS STORMTECH MC-7200	1025.42	1024.67	1027.67	1032.67	1033.67	1029.36	1032.70	7,915.00
TOTAL									
NOTE: IMPERVIOUS AREA FROM DRAINAGE AREA TH-01 (15,419 SF) TREATED BY GOLD LINE PROJECT CITY BMP A2 AND THEREFORE HAS BEEN EXCLUDED FROM REQUIRED WATER QUALITY VOLUME.								44,159.00	44,327.00



LEGEND	
	PROPERTY BOUNDARY
	LOT LINE
	EASEMENT LINE
	SETBACK LINE
	RIGHT OF WAY LINE
	SECTION LINE
	QUARTER LINE
	EXISTING EASEMENT LINE
	EXISTING PROPERTY LINE
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	GRADING LIMITS
	STORM SEWER
	PERFORATED DRAIN TILE
	SANITARY SEWER
	SANITARY SERVICE
	WATERMAIN
	WATER SERVICE
	STORM MANHOLE
	STORM CATCH BASIN
	FLARED END SECTION
	ADS POLYLOK CATCH BASIN AT DOWNSPOUT
	UNDERGROUND SYSTEM INSPECTION PORT
	UNDERGROUND SYSTEM DRAIN TILE CLEANOUT
	SANITARY MANHOLE
	HYDRANT
	GATE VALVE
	CURB STOP

- NOTES**
- SEE SHEET G-002 FOR ADDITIONAL PROJECT NOTES.
  - NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 PRIOR TO BEGINNING CONSTRUCTION ACTIVITY IN ORDER TO SCHEDULE AN INITIAL EROSION CONTROL INSPECTION.
  - NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OF THE FILTRATION BASIN.
  - THE SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

**WARNING:**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

CALL BEFORE YOU DIG  
**GOPHER STATE ONE CALL**  
TWIN CITY AREA: 651-454-0002  
TOLL FREE 1-800-252-1166

733 S MARQUETTE AVE  
UNIT 1000  
MINNEAPOLIS, MN 55402  
PHONE: (612) 712-2000  
WWW.STANTEC.COM

CLIENT:

**ENCLAVE - TOWNHOMES AT HELMO STATION**

TBD 3RD ST N  
OAKDALE, MN 55128

PROJECT TITLE:

ISSUE NO.	DATE	DESCRIPTION
1	09/06/2024	CITY SUBMITTAL
2	09/24/2024	SITE PLAN CONCEPT
3	11/07/2024	CITY RESUBMITTAL
4	11/13/2024	WATERSHED SUBMITTAL
5	04/09/2025	WATERSHED RESUBMITTAL

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

MICHAEL J. JULIFF  
LICENSE NO.: 55470  
DATE:

PROJECT NO:

DWN BY:	CHKD BY:	APPD BY:
SW	PWS	MJJ

ISSUE DATE: 04/14/2025

ISSUE NO.: 5

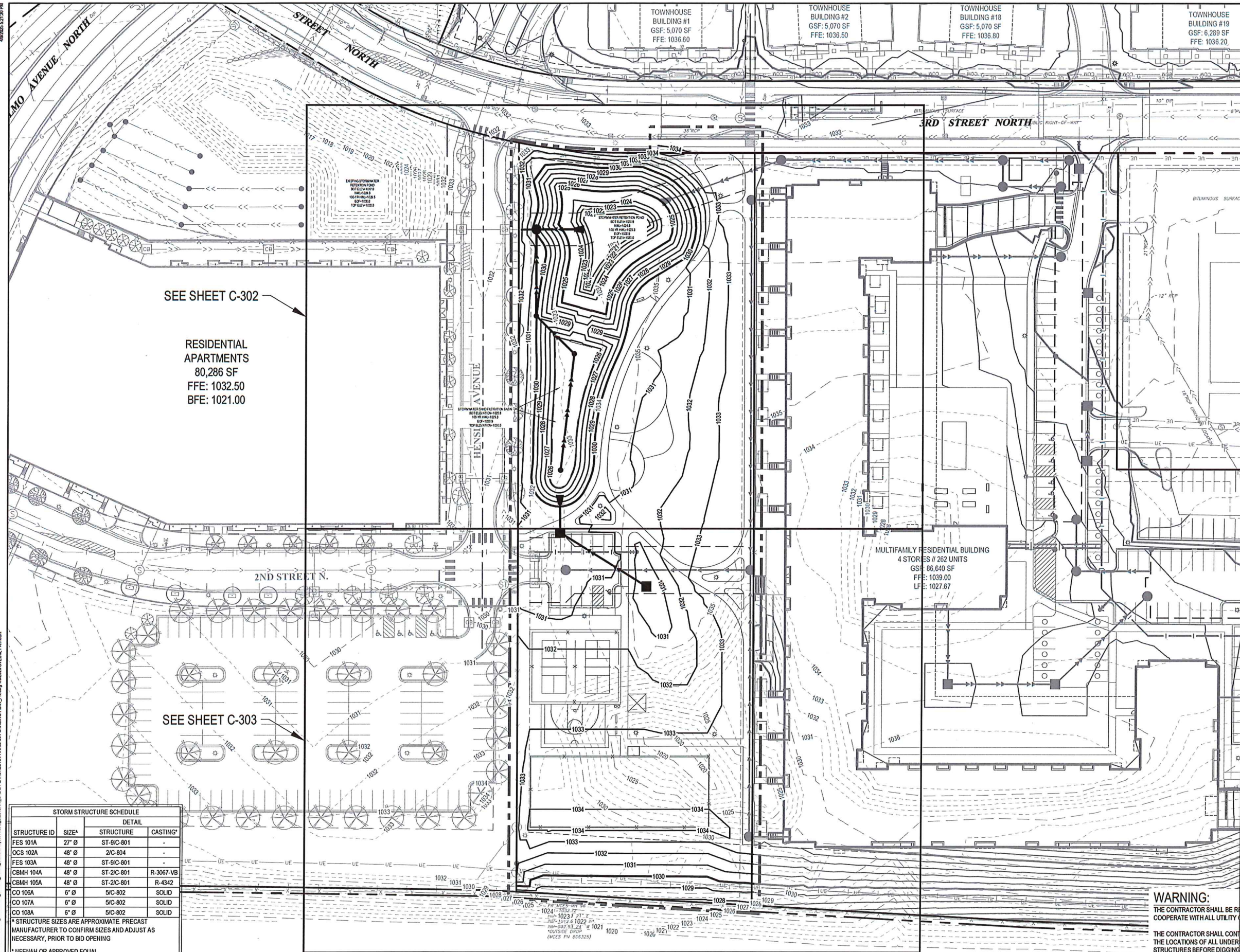
SHEET TITLE:  
**OVERALL STORM SEWER PLAN**

SHEET NO.:  
**C-501**



4/20/25 5:21:38 PM

C:\Users\paul\OneDrive\Documents\Projects\Enclave - Helmo Station\Drawings\ENCLAVE - HELMO STATION\PP-02-1.GRD PLAN\_P\DWG\4/20/25\ENCLAVE - PATRICK

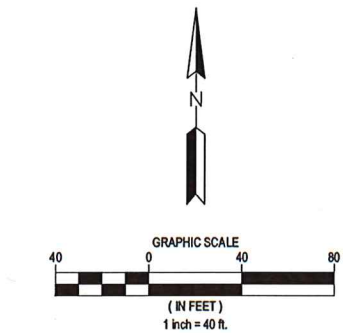


STORM STRUCTURE SCHEDULE				
DETAIL				
STRUCTURE ID	SIZE*	STRUCTURE	CASTING*	
FES 101A	27" Ø	ST-9/C-801	-	
OCS 102A	48" Ø	2/C-804	-	
FES 103A	48" Ø	ST-9/C-801	-	
CBMH 104A	48" Ø	ST-2/C-801	R-3067-VB	
CBMH 105A	48" Ø	ST-2/C-801	R-4342	
CO 106A	6" Ø	5/C-802	SOLID	
CO 107A	6" Ø	5/C-802	SOLID	
CO 108A	6" Ø	5/C-802	SOLID	

\* STRUCTURE SIZES ARE APPROXIMATE. PRECAST MANUFACTURER TO CONFIRM SIZES AND ADJUST AS NECESSARY, PRIOR TO BID OPENING

\* NEED IAH OR APPROVED EQUAL

ENCLAVE PARK STORMWATER BMP SUMMARY TABLE										
BMP NAME	TYPE	BOTTOM ELEV.	NWL	WATER QUALITY ELEV.	100-YR HWL	EOF	TOP ELEV.	NWL/BOT. FOOTPRINT	TOP CONTOUR FOOTPRINT	WQV REQUIRED (CF)
STORMWATER POND (PP-02-1)	WET POND	1020.9	1024.9	1025.0	1029.3	1030.9	1030.0	6,508.0	14,468.0	393.0
SAND FILTER (PP-02-2)	SAND FILTER	1025.8	N/A	1027.5	1029.3	1030.9	1030.0	2,738.0	8,107.0	6,164.0



#### LEGEND

—	PROPERTY BOUNDARY
—	LOT LINE
- - -	EASEMENT LINE
- - -	SETBACK LINE
- - -	RIGHT OF WAY LINE
- - -	SECTION LINE
- - -	QUARTER LINE
- - -	EXISTING EASEMENT LINE
- - -	EXISTING PROPERTY LINE
901	PROPOSED MINOR CONTOUR
900	PROPOSED MAJOR CONTOUR
- - -	GRADING LIMITS
- - -	CONSTRUCTION LIMITS
1.00%	SURFACE GRADE & FLOW DIRECTION
3.0:1	SURFACE SLOPE (H:V) & FLOW DIRECTION
XXXXXX	STRUCTURE RIM SPOT ELEVATION

#### NOTES

- SEE SHEET G-002 FOR ADDITIONAL PROJECT NOTES.
- EXISTING SPOT ELEVATIONS AT MATCH POINTS ARE BASED ON INTERPOLATED POINT TO POINT SURVEY DATA. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONNECTION POINTS PRIOR TO INSTALLATION OF IMPROVEMENTS. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY OF ANY FIELD DISCREPANCIES. CONTRACTOR IS RESPONSIBLE FOR MAKING NECESSARY ADJUSTMENTS IN THE FIELD FOR CONSTRUCTABILITY, REGULATORY COMPLIANCE (ADA), POSITIVE DRAINAGE, AND TO ENSURE SMOOTH TRANSITIONS TO FIELD CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR REWORK OF A DISCREPANCY THAT IS NOT COMMUNICATED TO THE ENGINEER IN WRITING.
- CONTRACTOR MUST IMMEDIATELY NOTIFY THE OWNER AND ENGINEER OF DISCREPANCIES OR CONFLICTS IN THE CONTRACT DOCUMENTS BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS ARE TO BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM ENGINEER. FAILURE TO NOTIFY OWNER AND ENGINEER OF AN IDENTIFIABLE CONFLICT BEFORE PROCEEDING WITH INSTALLATION RELIEVES OWNER AND ENGINEER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
- NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 PRIOR TO BEGINNING CONSTRUCTION ACTIVITY IN ORDER TO SCHEDULE AN INITIAL EROSION CONTROL INSPECTION.
- NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OF THE FILTRATION BASIN.
- THE SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

#### WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

CALL BEFORE YOU DIG

**GOPHER STATE ONE CALL**

TWIN CITY AREA: 651-454-0002  
TOLL FREE: 1-800-252-1166



733 S MARQUETTE AVE  
UNIT 1000  
MINNEAPOLIS, MN 55402  
PHONE: (612) 712-2000  
WWW.STANTEC.COM

CLIENT:



## ENCLAVE - HELMO STATION PARK IMPROVEMENTS

TBD 3RD ST N  
OAKDALE, MN 55128

PROJECT TITLE:

ISSUE NO.:

1

2

3

4

5

6

7

8

9



 ENCLAVE

ENCLAVE  
HELMO STATION MULTIFAMILY  
TBD 3RD ST N  
OAKDALE, MN 55128

SHEET NO.:

C-301



- |  |                              |
|--|------------------------------|
|  | PROPERTY BOUNDARY            |
|  | LOT LINE                     |
|  | EASEMENT LINE                |
|  | SETBACK LINE                 |
|  | EXISTING MINOR CONTOUR       |
|  | EXISTING MAJOR CONTOUR       |
|  | EXISTING STORM SEWER         |
|  | EXISTING SANITARY SEWER      |
|  | EXISTING WATERMAIN           |
|  | EXISTING SANITARY MANHOLE    |
|  | EXISTING STORM SEWER MANHOLE |
|  | EXISTING STORM SEWER INLET   |
|  | EXISTING FLARED END SECTION  |
|  | EXISTING HYDRANT             |
|  | EXISTING WATER VALVE         |
|  | PROPOSED MINOR CONTOUR       |
|  | PROPOSED MAJOR CONTOUR       |
|  | STORM SEWER                  |
|  | DRAIN TILE                   |
|  | SANITARY SEWER               |
|  | WATERMAIN                    |
|  | UNDERGROUND STORM SYSTEM     |
|  | STORM MANHOLE                |
|  | STORM CATCH BASIN            |
|  | FLARED END SECTION           |
|  | STORM CLEANOUT               |
|  | SANITARY MANHOLE             |
|  | HYDRANT                      |
|  | GATE VALVE                   |

## NOTES

1. SEE SHEET G-002 FOR ADDITIONAL PROJECT NOTES.
2. NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 PRIOR TO BEGINNING CONSTRUCTION ACTIVITY IN ORDER TO SCHEDULE AN INITIAL EROSION CONTROL INSPECTION.
3. NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 AT LEAST 48 HOURS PRIOR TO INSTALLATION OF THE STORMWATER TREATMENT FACILITIES.
4. THE SPECIFIED EROSION AND SEDIMENT CONTROL PRACTICES ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.

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

PATRICK W. SYEUM

LICENSE NO.: 54244

DATE: \_\_\_\_\_

PROJECT NO.:

DWN BY:	CHKD BY:	APP'D BY:
STW	MDH	PWS

ISSUE DATE: 04/09/2025

ISSUE NO.: 5

**SHEET TITLE:**

SEWER PLAN

SHEET NO.: \_\_\_\_\_

C-501

---

**WARNING:**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

**CALL BEFORE YOU DIG**

## GOPHER STATE ONE CALL

GOFFER STATE ONE CAL  
TRAINING AREA: 654.454.0000

TWIN CITY AREA: 651-454-  
TOLL FREE 1-800-252-1166

FREE 1-800-832-1100

---

SANITARY STRUCTURE SCHEDULE			
STRUCTURE ID	SIZE*	CASTING*	DETAIL
FES 101	36" Ø	-	ST-9/C-801
STMH 102	48" Ø	R-1642	ST-2/C-801
CBMH-103-	REMOVED		
STMH 104	48" Ø	R-1642	ST-2/C-801
STMH 105	48" Ø	R-1642	ST-2/C-801
OCS 106	48" Ø	R-1642	2/C-804
CBMH 107	21x3'	R-3067-V	4/C-807
CBMH 108	21x3'	R-3067-VB	4/C-807
CBMH 109	48" Ø	R-3067-V	ST-2/C-801
CBMH 110	21x3'	R-3067-V	4/C-807
STMH-111	REMOVED		
STMH 112	48" Ø	R-1642	ST-2/C-801
STMH-113	REMOVED		
CBMH 114**	48" Ø	R-3067-VB	-
CBMH 115	48" Ø	R-3067-VB	ST-2/C-801
CBMH 116	48" Ø	R-3067-VB	ST-2/C-801
STMH 117	48" Ø	R-1642	ST-2/C-801
CBMH 118	48" Ø	R-4342	ST-2/C-801
CBMH 119	48" Ø	R-4342	ST-2/C-801
CO-01	6" Ø	SOLID	3/C-807
TD-01	-	-	1/C-807
TD-02	-	-	1/C-807

\* STRUCTURE SIZES ARE APPROXIMATE. PRECAST MANUFACTURER TO CONFIRM SIZES AND ADJUST AS NECESSARY, PRIOR TO BID OPENING

\*\* UNDERGROUND STORM CHAMBER ACCESS RISER. CONNECT DIRECTLY TO UNDERGROUND STORAGE CHAMBER PER MANUFACTURERS REQUIREMENTS. COORDINATE WITH MANUFACTURER.

\* NEENAH OR APPROVED EQUAL

ENCLAVE MULTIFAMILY STORMWATER BMP SUMMARY TABLE											
BMP NAME	TYPE	DRAIN TILE INVERT	BASE STONE INVERT	BOTTOM OF CHAMBER	TOP OF CHAMBER	TOP OF COVER STONE	WATER QUALITY ELEVATION	100-YR HWL	FOOTPRINT (SF)	WOV REQUIRED (CF)	WOV PROVIDED (CF)
UGS 01	ADS STORMTECH MC-3500	1027.15	1027.15	1028.15	1031.90	1032.90	1029.55	1032.40	6,339	28,078	28,218
UGS 02	ADS STORMTECH MC-3500	1027.15	1027.15	1028.15	1031.90	1032.90	1029.55	1032.40	12,082		

STATE HIGHWAY NO. 94

---

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## Stewardship Grant Application Summary

**Project Name:** Pioneer Park Stormwater Enhancements

**Application Number:** 25-15 CS

**Board Meeting Date:** 5/7/2025

**Applicant Name:** Steve Anderson

**Residential** ☐

**Commercial/Government** ☒

### Project Overview:

This project is located in Pioneer Park off Centerville Road in the City of Little Canada. The applicant is proposing to construct two stormwater ponds. The proposed ponds will connect to the previously installed stormwater reuse system, which was installed as a joint project between the city and watershed district in 2024. The ponds are not permit requirements.

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

### BMP type(s):

Wet Pond(2)

### Grant Request:

\$100,000.00

### Recommendation:

Staff recommends approval of this application.

### Subwatershed:

Gervais Creek

### Location Maps:







## Stewardship Grant Application Summary

**Project Name:** Cherokee Hills 3

**Application Number:** 25-18 CS

**Board Meeting Date:** 5/7/2025

**Applicant Name:** Michael Severson

**Residential** ☐

**Commercial/Government** ☒

### Project Overview:

This project is located off Sylvia Lane in the City of Shoreview. The applicant is proposing to install a native planting and rain garden.

The native planting and rain garden are eligible for 50% and 75%, respectively, coverage up to a total of \$50,000.

### BMP type(s):

Native Habitat Restoration(1), Rain Garden(1)

### Grant Request:

\$15,000.00

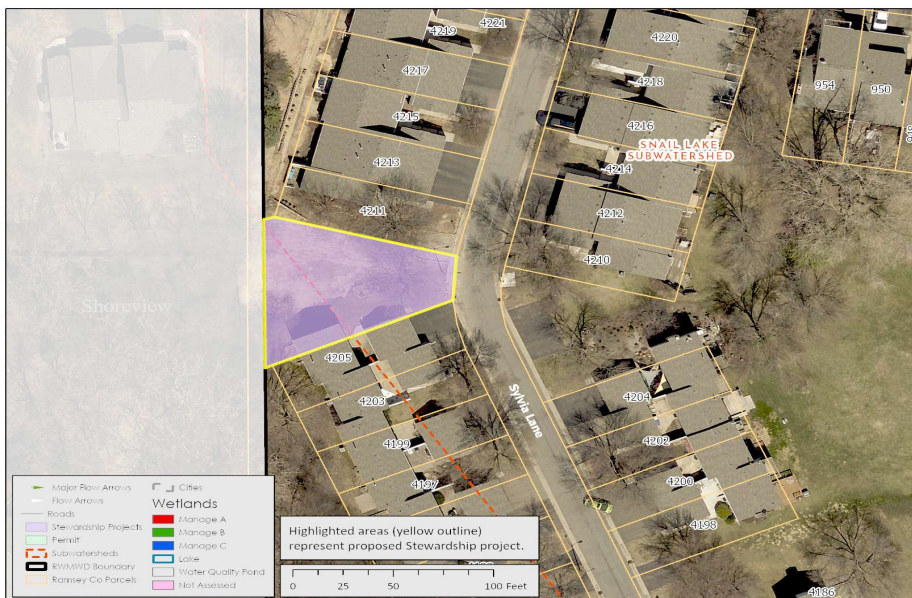
### Recommendation:

Staff recommends approval of this application.

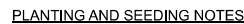
### Subwatershed:

Snail Lake

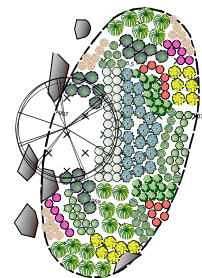
### Location Maps:







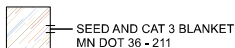
1. ALL PERENNIALS TO BE 3.5" POT
2. ENTIRE BASIN TO BE RIPPED TO A DEPTH OF 12"
3. HOLES FOR ALL PLANTS TO BE TWICE THE SIZE OF POT
4. PLUGS TO BE PLANTED AT GROUND LEVEL.
5. ALL PLANTS TO BE FULLY WATERED IN AND WATER DAILY BY CONTRACTOR UNTIL PROPERTY OWNER APPROVES COMPLETION
6. ALL TREES AND SHRUBS TO HAVE 3" DOUBLE SHREDDED HARDWOOD MULCH INSTALL AT A 3' DIAMETER AROUND BASE OF PLANT



Notes:

- A. Place 12" amended soil (75% coarse washed sand and 25% MnDot grade II compost)
- B. Add 3" twice shredded hardwood mulch (not chips)
- C. Gently break up rootballs to encourage new growth
- D. Plant pots directly through mulch
- E. Plant in groups of 4-6 or as shown
- F. Water immediately after planting
- G. Ensure plants get 1" of water per week through the first full growing season
- H. Monitor often and weed as needed

3) RAINGARDEN PLANTING  
Scale: 1" = 10'-0"



#### MnDOT Standard Native Seed Mixture Designations

[illegible][illegible]

## Stewardship Grant Application Summary

**Project Name:** Parnell

**Application Number:** 25-19 CS

**Board Meeting Date:** 5/7/2025

**Applicant Name:** Cory Parnell

**Residential** ☒

**Commercial/Government** ☐

### Project Overview:

This project is located off South Owasso Boulevard West in the City of Roseville. The applicant is proposing to install a shoreline restoration.

The shoreline restoration is eligible for 100% coverage up to a total of \$15,000.

### BMP type(s):

Shoreline Restoration(1)

### Grant Request:

\$15,000.00

### Recommendation:

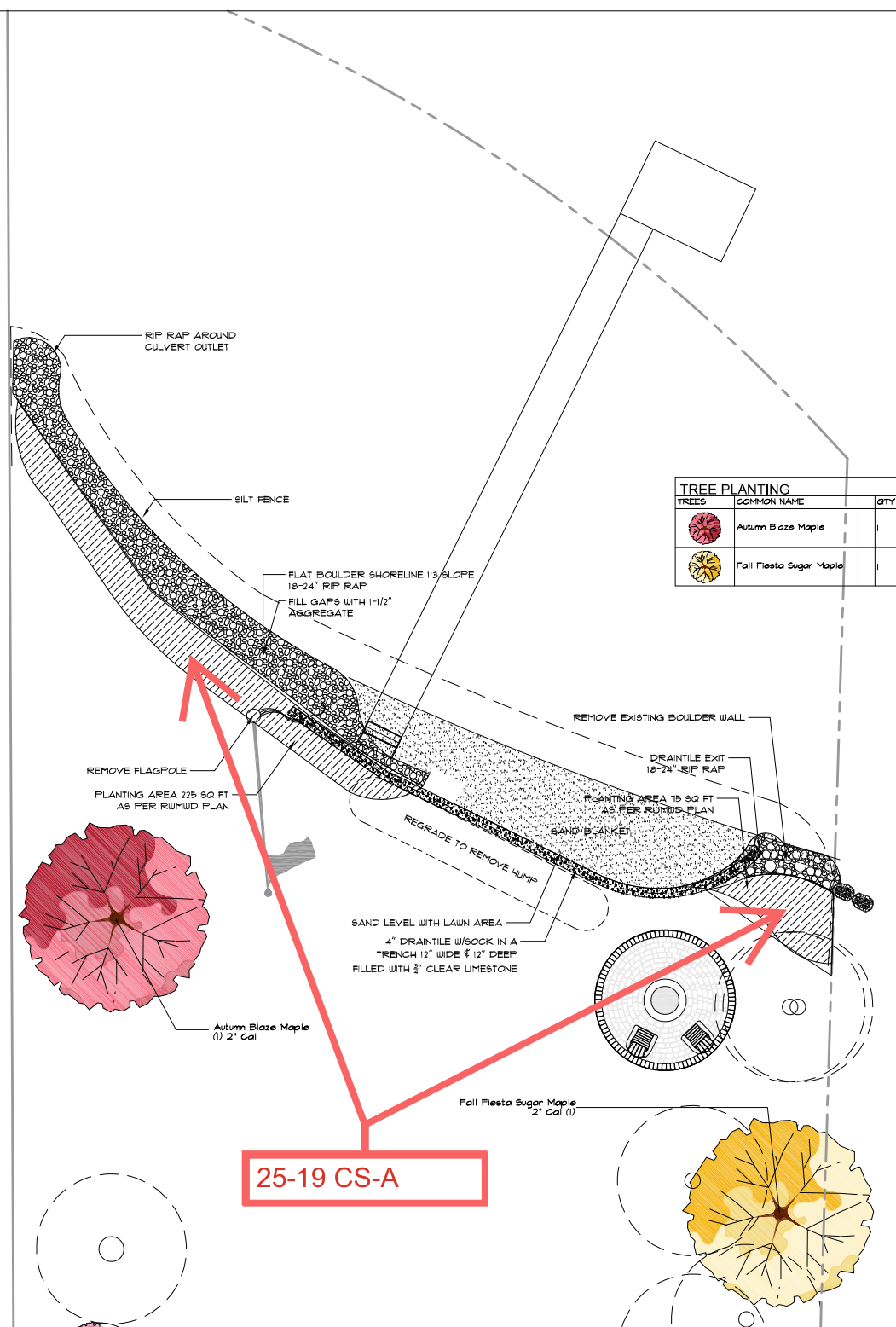
Staff recommends approval of this application.



### Subwatershed:

Lake Owasso

### Location Maps:





TREE PLANTING		
TREES	COMMON NAME	QTY
	Autumn Blaze Maple	1
	Fall Fiesta Sugar Maple	1



**DreamScapes**  
Landscaping & Design Inc.  
7087 20th Ave S  
Centerville, MN 55038  
651.415.1000  
www.CreateYourDreamScape.com



**NORTH**

SCALE: 1/8"=1'-0"

PARNELL RESIDENCE  
405 S. ONASSO BLVD.  
ROSEVILLE, MN 55113

Drawn By  
Christina K. Cooper

Date  
04/21/2025

LSI.O

## Stewardship Grant Application Summary

**Project Name:** Oakdale 2025 Street Sweeping

**Application Number:** 25-20 CS

**Board Meeting Date:** 5/7/2025

**Applicant Name:** Cory Tietz

**Residential** ☐

**Commercial/Government** ☒

### Project Overview:

In December 2024, the RWMWD Board of Managers voted to allocate \$250,000 towards 2025 enhanced street sweeping efforts. The City of Oakdale is requesting funds for increased annual sweeping efforts from 2 times a year to 4 times a year. The City will add 1 spring and 1 summer sweeping. The grant would also offset some of the costs for disposal and equipment maintenance. The City will continue to fund two fall sweepings on top of this request.

The enhanced street sweeping efforts are eligible for 100% funding up to \$100,000.

### BMP type(s):

Street Sweeping(1)

### Grant Request:

\$42,000.00

### Recommendation:

Staff recommends approval of this application.

### Subwatershed:

Battle Creek Lake, Tanners Lake

### Location Maps:

# Consent Agenda Action Item

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**Board Meeting Date:** May 7, 2025

**Agenda Item No:** 3F

**Preparer:** Tina Carstens, Administrator

---

**Item Description:** Change Order No. 2 for the County Road C Culvert Replacement

---

**Background:**

Change order 2 for the County Road C Culvert Replacement Project is attached. This change order is due to the addition of clearing and grubbing that wasn't included in the original contract and requested by staff. This work increased the contract price by \$1,080.

---

**Applicable District Goal and Action Item:**

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

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

---

**Staff Recommendation:**

Approve Change Order No. 2.

---

**Financial Implications:**

This change order will decrease the contract price by \$1.080.

---

**Board Action Requested:**

Approve Change Order No. 2.

**Change Order No. 2**  
**Ramsey-Washington Metro Watershed District**  
**County Road C Culvert Replacement**

**DATE OF ISSUANCE:** April 14, 2025

**Owner:** Ramsey-Washington Metro Watershed District  
2665 Noel Drive  
Little Canada, MN 55117  
Attn: Val Eisele

**Contractor:** Bituminous Roadways Inc.  
1520 Commerce Drive  
Mendota Heights, MN 55120  
Attn: Cole Denver

**Engineer:** Barr Engineering Company  
4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
Attn: Erin Anderson Wenz

**C.O.2.A      Add Bid Item “Clearing and Grubbing”**

Description of Change:

During construction of the culvert improvements, a subcontractor to Bituminous Roadways removed trees and brush that were outside of what was shown on the plans or outlined in the contract documents. The subcontractor completed work outside of the construction limits shown on the plans to facilitate access to Kohlman Creek at either end of the box culvert (i.e., remove fallen trees near the ends of the culvert) and remove additional brush adjacent to invasive species removed by RWMWD staff prior to construction. Per discussions with Bituminous Roadways and the subcontractor, this additional area was equal to 0.12 acres. Because the original contract did not include a unit price for “Clearing and Grubbing”, this bid item needs to be added to the contract to account for this additional cost. RWMWD, Bituminous Roadways, and the subcontractor agreed to a unit price of \$9,000 per acre, based on the Minnesota Department of Transportation’s median price for “Clearing and Grubbing” from 2024. The extension price of the additional clearing is \$1,080.

**Bid Form:**

Add the following to Section 00 41 00 ARTICLE 4.01.A. BID ITEMS:

Bid Item	Description	Unit	Estimated Quantity	Unit Price	Extension Price
C.O.2.A	Clearing and Grubbing	AC	0.12	\$9,000	\$1,080




### Change in Contract Time:

None

### Total Impact on Contract Price:

This results in an **increase** of **\$1,080**. The new total contract price is **\$595,546.02**.

This Change Order No. 2 is:

Submitted By: (ENGINEER)	 _____ Tyler Olsen, Project Engineer Barr Engineering Company	Date: <u>April 14, 2025</u>
Authorized By: (OWNER)	_____ Val Eisele, President Ramsey-Washington Metro Watershed District	Date: _____
Approved By: (CONTRACTOR)	_____ Pam Hague, Contracts Manager Bituminous Roadways	Date: _____

# Request for Board Action

---

**Board Meeting Date:** May 7, 2025

**Agenda Item No:** 3G

**Preparer:** Tina Carstens, Administrator

---

**Item Description:** Change Order 2 for 2025 CIP Maintenance and Repair Project

---

**Background:**

Change order 2 for the 2025 CIP Maintenance and Repair Project is attached. This change order changes the traffic control plans at the county's request. This change does not affect the contract price.

---

**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:**

Approve Change Order No. 2.

---

**Financial Implications:**

There is no change in contract price.

---

**Board Action Requested:**

Approve Change Order No. 2.

**Change Order No. 2  
Ramsey-Washington Metro Watershed District  
2025 Capital Improvement Project (CIP)**

**DATE OF ISSUANCE:** April 2, 2025

**Owner:** Ramsey-Washington Metro Watershed District  
2665 Noel Drive  
Little Canada, MN 55117  
Attn: Val Eisele, President

**Contractor:** Fitzgerald Excavating & Trucking, Inc.  
21432 350<sup>th</sup> Street  
Goodhue, MN 55027  
Attn: Jason Fitzgerald, President

**Engineer:** Barr Engineering Company  
4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
Attn: Brad Lindaman, Project Engineer

**C.O.2.A County Road C E – Site 12 roadway protection clarification**

Description of Change:

Per the contract documents, the Contractor is responsible for complying with any road authority's traffic control plan requirements and protection of all roadways they are utilizing to complete the work. To clarify Ramsey County's (County's) criteria and concerns, the Owner was asked by the County to add this item on Drawing Sheet C-12 regarding work on or near County Road C E near Site 12. This clarification is shown on the revised Drawing attached to this change order.

Remove the current drawing C-12 Rev No. 1 and insert C-12 Rev No. 2 in its place.

Change in Contract Time:

None


Impact on Contract Price:

None

Attachments:

- Drawing – C-12 Rev 2

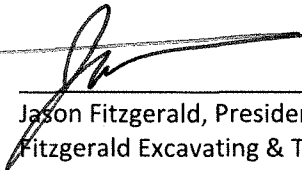
This Change Order No. 2 is:

Submitted By:   
(ENGINEER) \_\_\_\_\_  
Bradley J. Lindaman, Project Engineer  
Barr Engineering Company

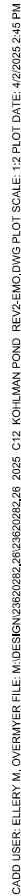
Date: 04/02/2025

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

Date: \_\_\_\_\_

Approved By:   
(CONTRACTOR) \_\_\_\_\_  
Jason Fitzgerald, President  
Fitzgerald Excavating & Trucking, Inc.

Date: 7/25/2025



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

PRINTED NAME BRAD LINDAMAN

SIGNATURE 

DATE 11/22/2024 LICENSE # 22178

CLIENT							
BID					11/15/2024	11/22/2024	
CONSTRUCTION							04/02/2025
RECORD							
RELEASED TO/FOR	A	B	C	0	1	2	3
	DATE RELEASED						

**BARR**

Scale	AS SHOWN
Date	11/22/2024
Drawn	EMO
Checked	GWB
Designed	BARR
Approved	BJL



CAPITAL IMPROVEMENT PROJECT (CIP)  
MAINTENANCE/REPAIRS 2025

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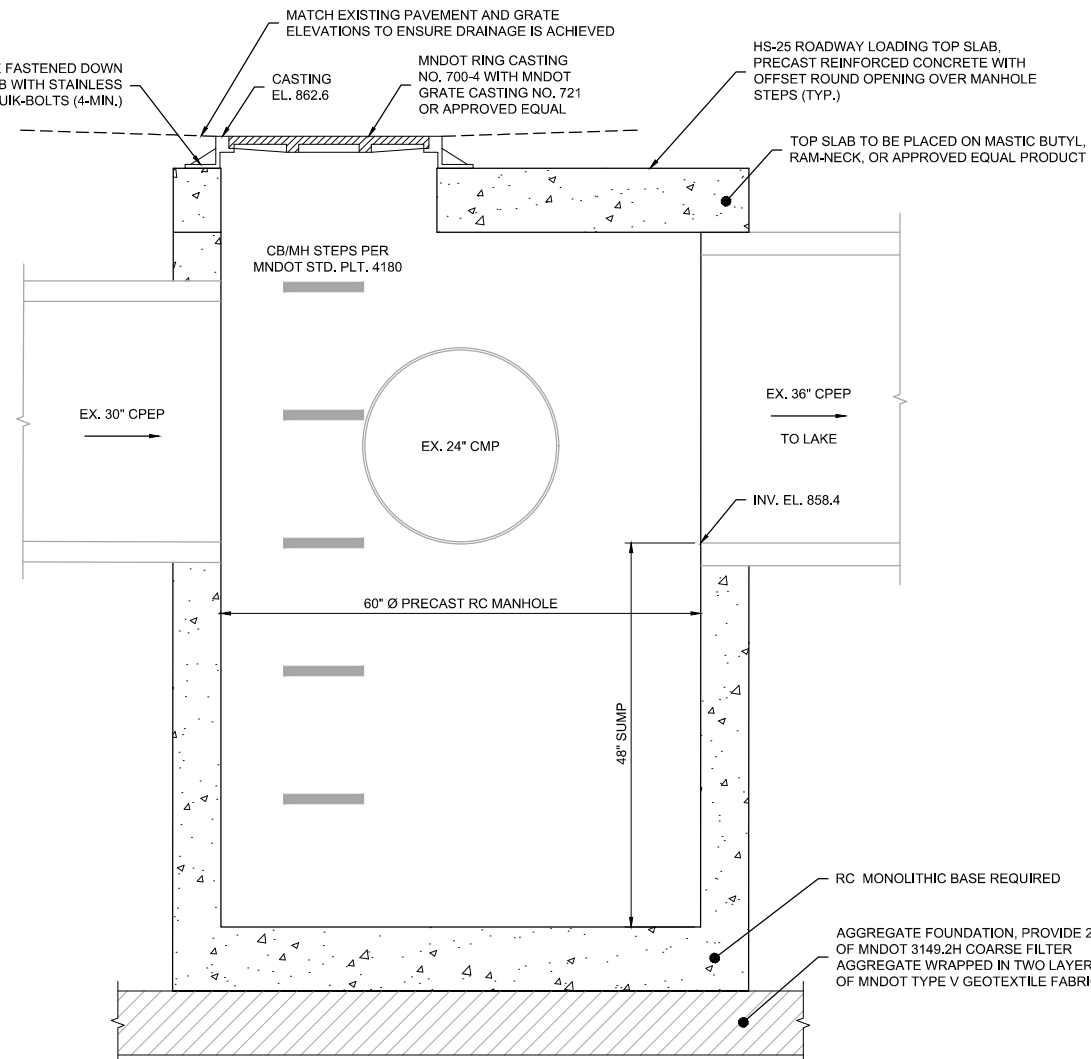
SITE 12  
KOHLMAN LAKE OUTLET MAINTENANCE

BARR PROJECT No. 23/62-0282.26	
CLIENT PROJECT No.	
DWG. No. C-12	REV. No. 2

1. RESTORE DISTURBED SLOPES WITH NATIVE SEED AND STRAW MULCH BLANKET AS DIRECTED BY THE OWNER.
2. CONTRACTOR SHALL PROTECT AND CLEAN ALL PAVEMENT AND HAUL ROADS WHEN WORK IS COMPLETE.
3. DAMAGE TO EXISTING PAVEMENT AND SITE FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR TO SUBMIT CONTROL OF WATER PLAN TO PROTECT DOWNSTREAM WATERBODIES 2 WEEKS PRIOR TO SITE MOBILIZATION.
5. NOTIFY DAVE VLASIN, RAMSEY WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7972 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITIES TO INSPECT EROSION/SEDIMENT CONTROL PRACTICES.
6. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES SHOWN ARE THE MINIMUM. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION.
7. ALL NATIVE VEGETATION SURROUNDING BASINS SHALL BE PROTECTED. DAMAGE TO NATIVE RESTORATION AREAS SHALL BE REPAIRED IN-KIND AND MAINTAINED AT THE COST OF THE CONTRACTOR.
8. DISTURBANCE TO TURF TO BE RESTORED WITH SEED AND MULCH BLANKET AS DIRECTED BY OWNER.
9. CONTRACTOR TO PROTECT, REPAIR OR REPLACE ALL DAMAGED PLANT FROM CONSTRUCTION ACTIVITIES. ONLY AREAS SHOWN ON DRAWING REQUIRING REPLACEMENT WILL BE MEASURED AND CONSIDERED FOR PAVEMENT.
10. BACK-OF-CURB PERIMETER CONTROL AND RESTORATION MAY BE NEEDED AT LOCATION OF CONSTRUCTION EXITS IF VEGETATION IS DISTURBED/EXPOSED AFTER MATS ARE REMOVED.
11. CHECK WITH DESIGNATED ROADWAY AUTHORITIES BEFORE INSTALLING INLET PROTECTION DURING FROZEN CONDITIONS.

EARTHWORK	CUT	FILL
ABOVE OUTLET EL. (NWL)	0	0

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



1. CONTRACTOR TO VERIFY ALL EXISTING PIPES FOR SIZE, TYPE AND INVERT ELEVATIONS PRIOR TO SHOP DRAWING SUBMITTAL TO ENGINEER.
2. SEE SPECIFICATIONS FOR BID ITEM, AND MEASUREMENT AND PAYMENT REQUIREMENTS, TO REMOVE AND DISPOSE OF EXISTING CATCH BASIN MANHOLE.
3. SEE SPECIFICATIONS FOR BID ITEM, AND MEASUREMENT AND PAYMENT REQUIREMENTS, FOR THE NEW 60" PRECAST RC CATCH BASIN MANHOLE.
4. CONNECTION OF EXISTING PIPE TO STRUCTURE MAY REQUIRE EXTENSION. CONTRACTOR TO PROVIDE ENGINEER WITH SLEEVES, FITTINGS, AND BOOTS TO BE USED FOR APPROVAL PRIOR TO INSTALLATION.

2 SECTION: NEW CB/MH WITH 48" SUMP  
- NOT TO SCALE

RELEASED FOR BID

\*\*\*\*\*

# Permit Program

\*\*\*\*\*

# Permit Application Coversheet

Date May 07, 2025

Project Name Oakdale 2025 SIP

Project Number 25-12

Applicant Name Brian Bachmeier, City of Oakdale

Type of Development Linear

## Property Description

This project is located north of Battle Creek Lake and I-94 in the City of Oakdale. The applicant is proposing to reconstruct roadways and associated utilities within a residential neighborhood. The total disturbed area is approximately 8 acres. An iron-enhanced filtration bench is being proposed adjacent to a wetland that functions as a stormwater pond. The remainder of the volume reduction requirement for this project is being deferred until 2026 due to site constraints, at which time the city will be reconstructing roadways in a nearby neighborhood and plans to construct additional regional treatment. In order to construct the filtration bench adjacent to the wetland, disturbance would be needed within the 100-year floodplain. No net fill is being proposed in order to maintain existing flood storage. Although the wetland has been historically excavated and operates as a stormwater management basin, it is still considered jurisdictional under the Wetland Conservation Act (WCA). A WCA no-loss application has been submitted for processing, and there are no proposed permanent impacts to wetland area as a result of construction of the filtration bench. The work will require disturbance to the wetland buffer, and a variance request is included with the submittal.

## 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).

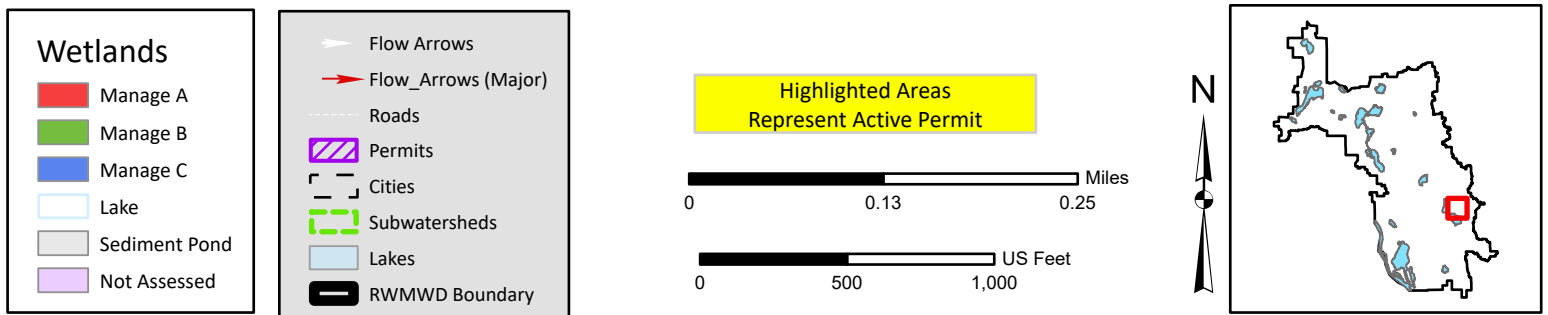
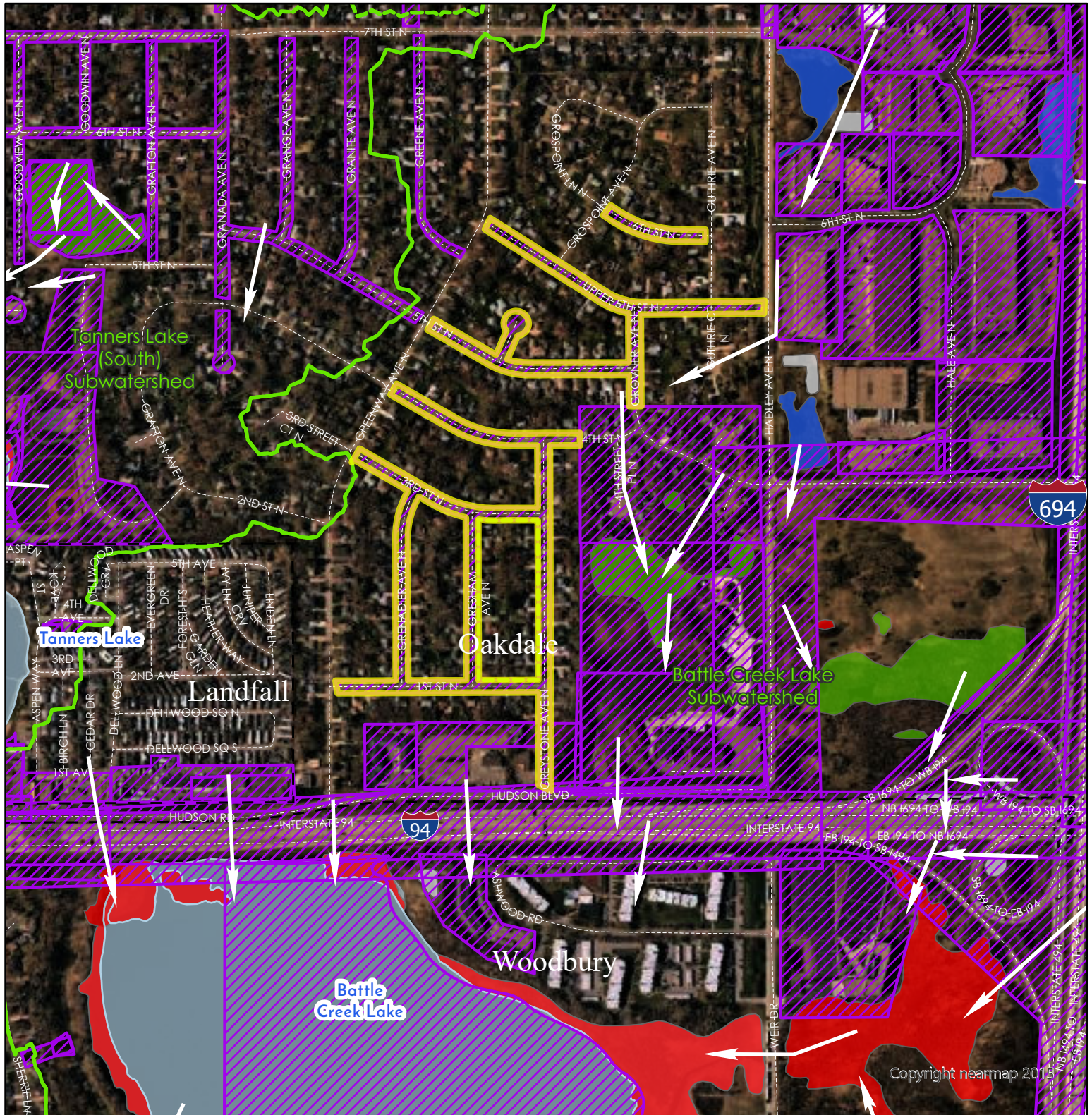
## Attachments:

- ☒ Project Location Map

☒ Project Grading Plan



# #25-12 Oakdale 2025 SIP

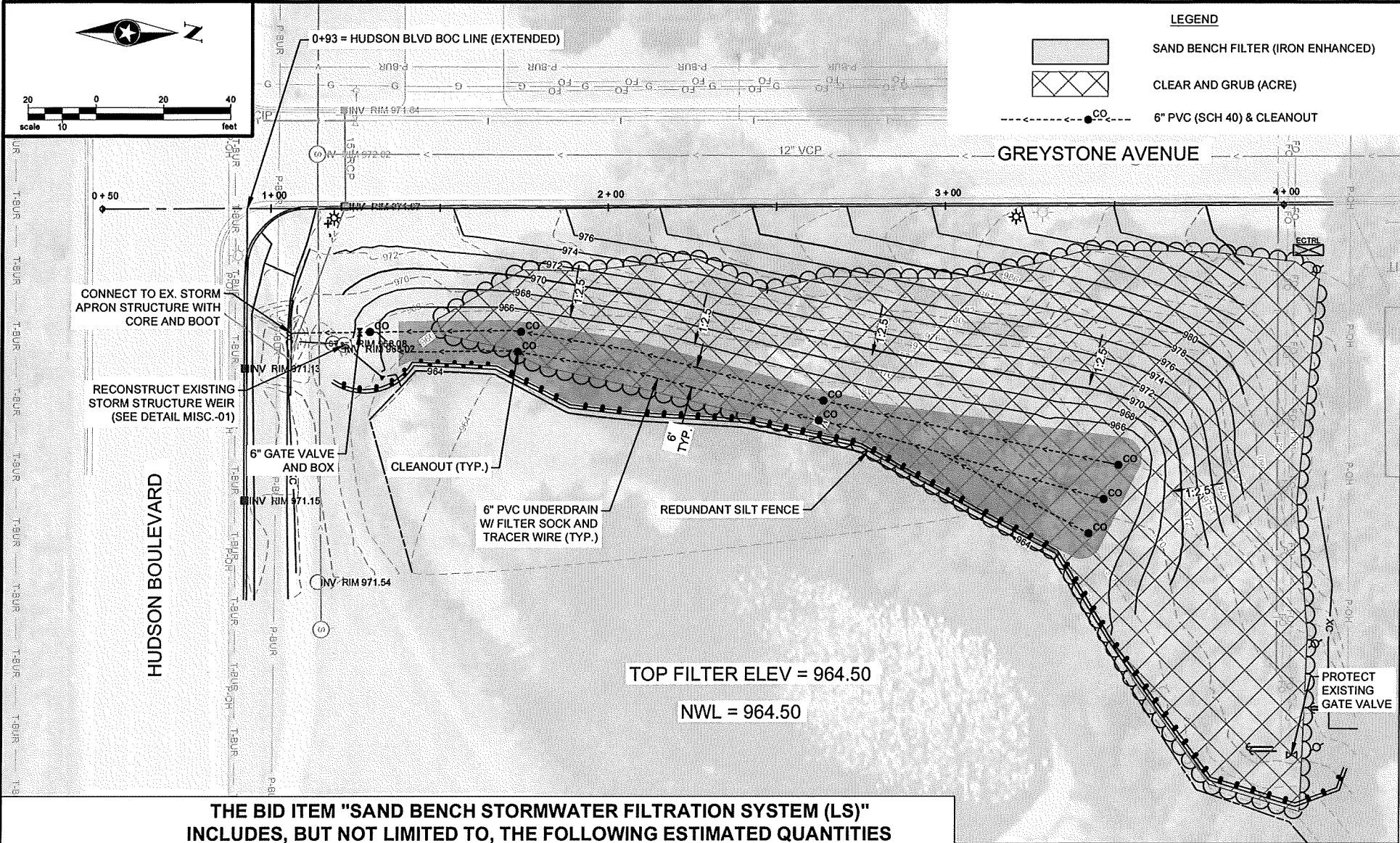


25-12

### Special Provisions

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

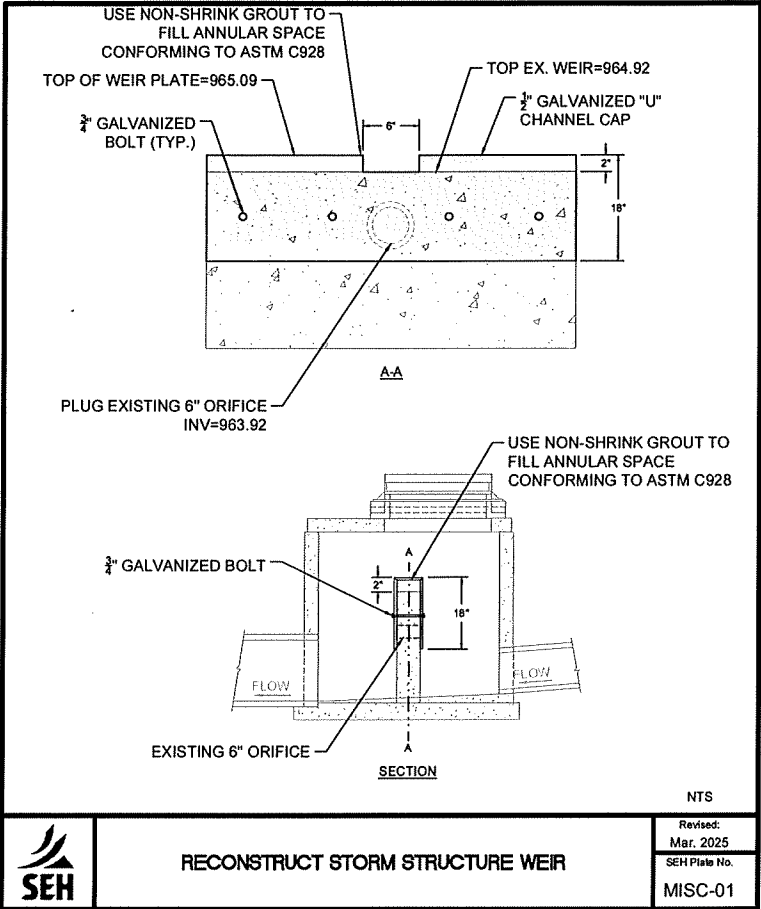




SEE SWPPP FOR TEMPORARY AND PERMANENT STORMWATER MANAGEMENT MEASURES

KEEP STORMWATER FILTRATION BENCH PROTECTED FROM SOIL COMPACTION AND TURBID CONSTRUCTION RUNOFF

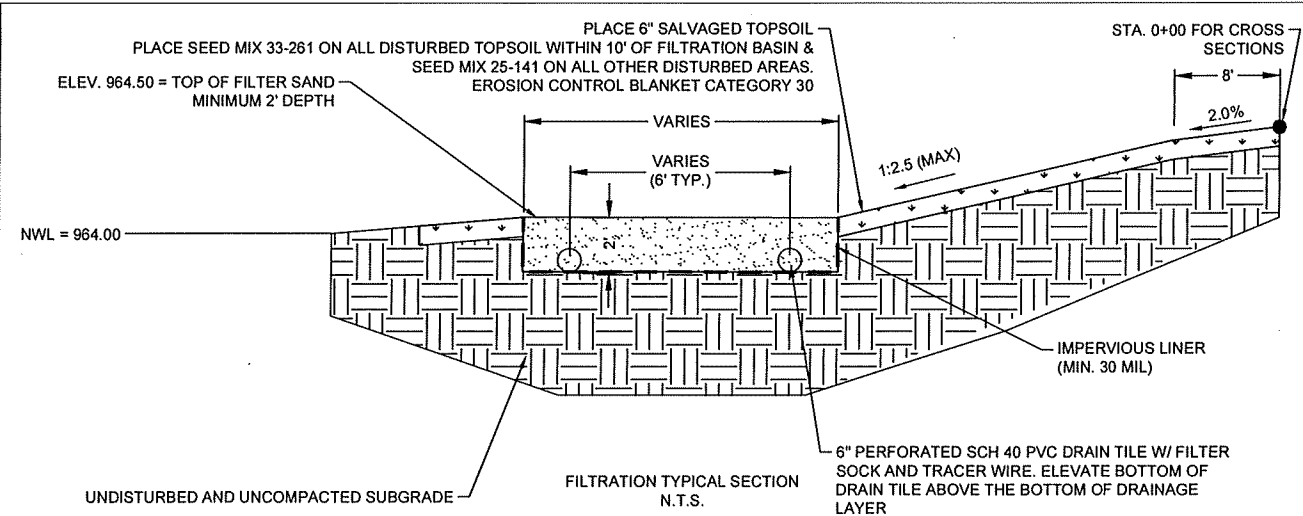
NOTIFY MARY FITZGERALD, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7956 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION OF THE POND FILTRATION BEND



THE BID ITEM "SAND BENCH STORMWATER FILTRATION SYSTEM (LS)" INCLUDES, BUT NOT LIMITED TO, THE FOLLOWING ESTIMATED QUANTITIES

ITEM DESCRIPTION	EST. QTY.	UNIT
CONNECT TO EXISTING STORM STRUCTURE(CORE WITH BOOT FOR 6" PVC)	1	EA
RECONSTRUCT STORM STRUCTURE WEIR	1	EA
COMMON EXCAVATION (SEE NOTE 1)	2439	CY
6" PVC (SCH 40) PERF. DRAINTILE WITH FILTER SOCK AND TRACER WIRE	500	LF
6" PVC (SCH 40) SOLID PIPE	25	LF
6" GATE VALVE & BOX	1	EA
6" PVC (SCH 40) CLEANOUT WITH CAP	8	EA
6"X6" PVC (SCH 40) WYE	2	EA
IMPERVIOUS LINER (MIN. 30 MIL)	585	SY
IRON ENHANCED SAND	315	CY
SEEDING (33-261) WITH FERTILIZER & CAT 30 WOVEN FIBER BLANKET	300	SY
SEEDING (25-141) WITH FERTILIZER & CAT 30 WOVEN FIBER BLANKET	2000	SY
SILT FENCE	720	LF

- NOTES:**
- COMMON EXCAVATION INCLUDES:
    - RAW CUT - EXISTING GRADE TO FINISH GRADE (INCLUDES SALVAGING TOPSOIL) = 1746 CY
    - CUT FOR SAND BENCH (4250 SF X 2' DEPTH) = 315 CY
    - OVEREXCAVATION FOR PLACEMENT OF 6" SALVAGED TOPSOIL = 378 CY
  - CLEAR AND GRUB (ACRE) IS PAID UNDER A SEPARATE BID ITEM AND NOT INCLUDED IN THE SAND BENCH STORMWATER FILTRATION SYSTEM (LS).
  - CONTRACTOR TO VERIFY ALL ESTIMATED QUANTITIES.



SEH Project 182885  
Drawn By MSL, BRM  
Designed By JRT, MSL  
Checked By JRT, BS



Rev.#  
A  
Plan Revision Issue  
Description  
UPDATED BASIN GRADING, AND  
REMOVED RETAINING WALL  
(ADDENDUM #2)  
Date  
04.02.2025

Rev.#

Sheet Revision Issue  
Description

Date



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF IN.  
*Scott D. Haupt*  
SCOTT D. HAUPT  
DATE 03.11.2025 LICENSE NO. 46803

2025 STREET IMPROVEMENTS  
OAKDALE CITY PROJECT NO. R2025-01

SAND BENCH STORMWATER FILTRATION SYSTEM  
PLAN & TYPICAL SECTION

46R  
of 48



April 23, 2025

RE: Wetland Buffer Variance Request

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

The City of Oakdale is proposing a street improvement project as part of its Capital Improvement Program. As part of this project, the City has submitted a watershed permit application for review, including materials related to grading and erosion control, floodplain management, water quality, and buffer requirements in accordance with District Rule E.

This letter has been prepared to provide clarification on the buffer requirement under Rule E, and to formally request a variance pursuant to Rule I – Variance. Rule I allows the Board of Managers to grant variances where extraordinary and unnecessary hardships would result from strict compliance with the Rules, provided that such variances do not nullify the intent or purpose of the Rules or the District’s overall plan.

In this case, the hardship stems from existing infrastructure: the current roadway and sidewalks are located within the minimum required 37.5-foot buffer at two locations (see attached figure). These are long-established public corridors, and relocating the roadway or sidewalks outside of the buffer would not be feasible without significant public disruption, additional environmental disturbance, or impractical re-engineering.

The City is committed to minimizing impacts to natural resources and has evaluated alternatives to avoid buffer encroachment. However, due to the physical constraints and existing conditions, full compliance is not possible in these areas.

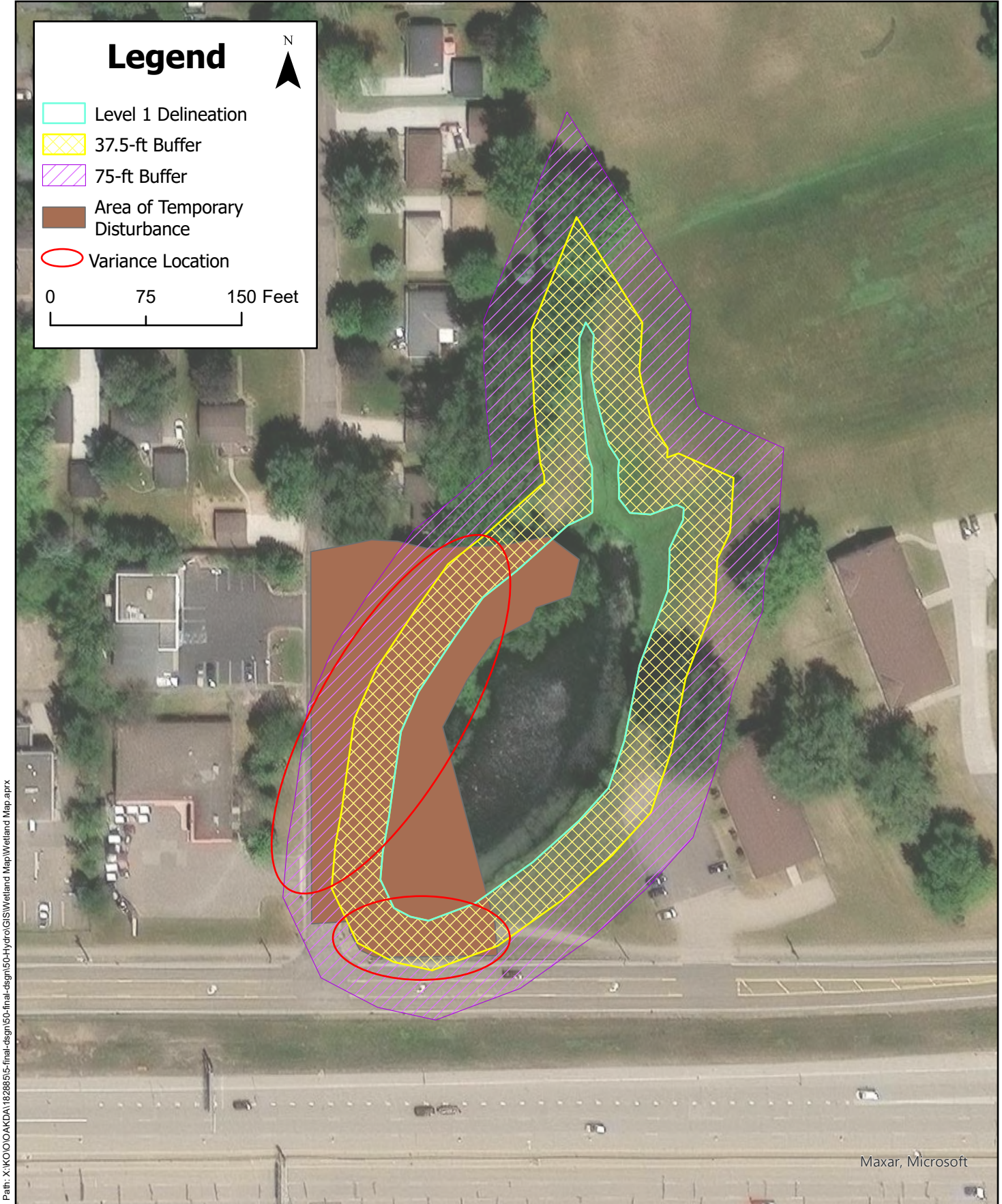
In accordance with Rule I, the following rationale supports this variance request:

That because of unique conditions inherent to the subject property—specifically the presence of existing roads and sidewalks within the buffer zone—strict application of the buffer rule would impose an undue hardship on the City. These conditions do not apply generally to other land or structures in the District.

The City believes this request aligns with the spirit and intent of Rule E, while acknowledging that full technical compliance is not achievable in these specific locations. This variance would allow the City to proceed with needed public infrastructure improvements while still upholding the broader goals of the watershed district.


The attached figure illustrates the two areas in which the minimum buffer cannot be achieved. If I can be of any assistance in your review, please contact me at 651.490.2146 or at [rbeduhn@sehinc.com](mailto:rbeduhn@sehinc.com).





Path: X:\KOD\OAKDA\182885\5-final-dsgn\50-Hydro\GIS\Welland Map.aprx

Maxar, Microsoft

		Project: OAKDA 182885 Print Date: 4/24/2025 Map by: rbeduhn Projection: Washington Co_ft Source: SEH, MNDNR	<p><b>VARIANCE REQUEST</b></p> <p>25/26 Street Projects: Stormwater Management Oakdale, Minnesota</p>	<p>Figure 1</p>
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This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.

## MEMORANDUM

**Date:** May 7, 2025  
**To:** RWMWD Board of Managers  
**From:** Nicole Maras, Regulatory Program Manager  
**Subject:** Vadnais Heights Affordable Housing– Project Intro.

Prospective developer Real Estate Equities is currently engaging with RWMWD and the Wetland Conservation Act (WCA) Technical Evaluation Panel (TEP) regarding the feasibility of a proposed multi-family residential project on a currently undeveloped parcel located between County Road D Court and I-694 in the City of Vadnais Heights.

A preliminary review of the WCA sequencing analysis discussing avoidance and minimization efforts for wetland impacts on the site was completed this year with a TEP meeting held on 1/27/25. Comments from the TEP were summarized and issued on 1/31/25. A formal WCA sequencing and no-loss application was then submitted on 3/17/25 with a Notice of Application distributed 3/27/25. Another TEP meeting was held on 4/10/25 to discuss the application, with updated comments summarized and issued on 4/17/25 (enclosed).

The application submitted includes an avoidance and minimization analysis for the proposed project which would necessitate more than 1 acre of permanent wetland impact with the developer's preferred alternative. While WCA sequencing applications are to be approved by RWMWD staff, it's understood that the RWMWD Board of Managers is the decision maker for any future wetland replacement plan submitted as part of this project. A future replacement plan application, if approved, would allow for wetland impacts to take place and would specify required mitigation methods. Approval of the current sequencing application would acknowledge that sufficient analysis has been completed by the applicant regarding avoidance and minimization alternatives.

The developer and design consultant plan to introduce the project at the May 7th meeting to gather preliminary board feedback. No board action is being requested this month, however it is helpful to understand if there are any questions or concerns that can be addressed before a replacement plan application is submitted and included on a future board meeting agenda (tentatively summer 2025).

**REAL ESTATE  
EQUITIES**  
EXPERIENCED  
& COMMITTED  
OWNERS SINCE  
1972

- REAL ESTATE EQUITIES IS A MULTIFAMILY PROPERTY MANAGEMENT AND OWNERSHIP COMPANY BASED IN SAINT PAUL, CURRENTLY OPERATING 4,500 APARTMENT UNITS IN MINNESOTA AND ARIZONA.
- REAL ESTATE EQUITIES WILL MANAGE THE PROPERTY WITH AN ONSITE MANAGEMENT TEAM AND OWN THE PROPERTY LONG-TERM

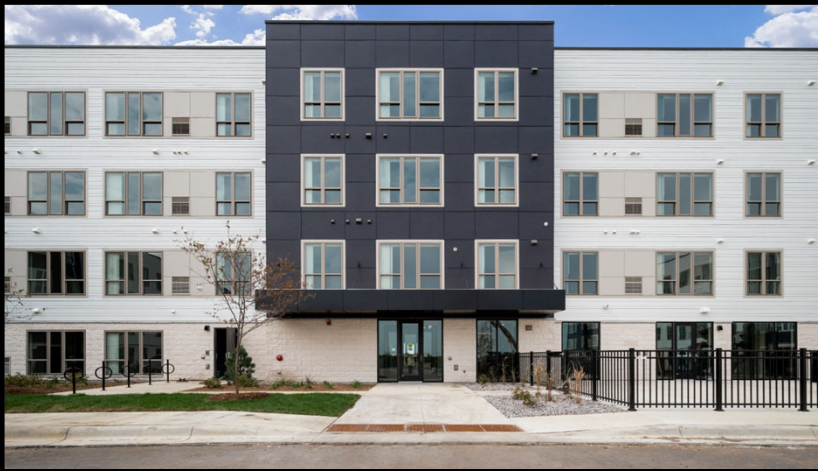
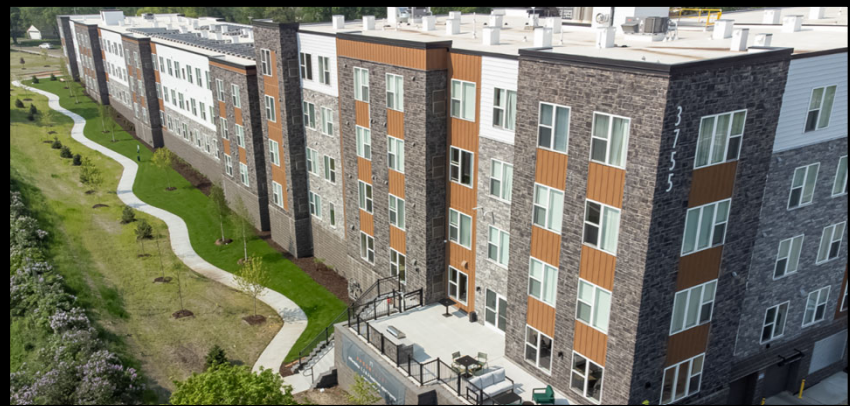


# REE RECENT DEVELOPMENTS

ASTER HOUSE, EAGAN



ARBOR COURT, ST. LOUIS PARK



LANDING AT AMBER FIELDS, ROSEMOUNT



RESERVE AT SETTLER'S RIDGE, WOODBURY



# REE RECENT DEVELOPMENTS

ASTER HOUSE  
204 UNITS - EAGAN



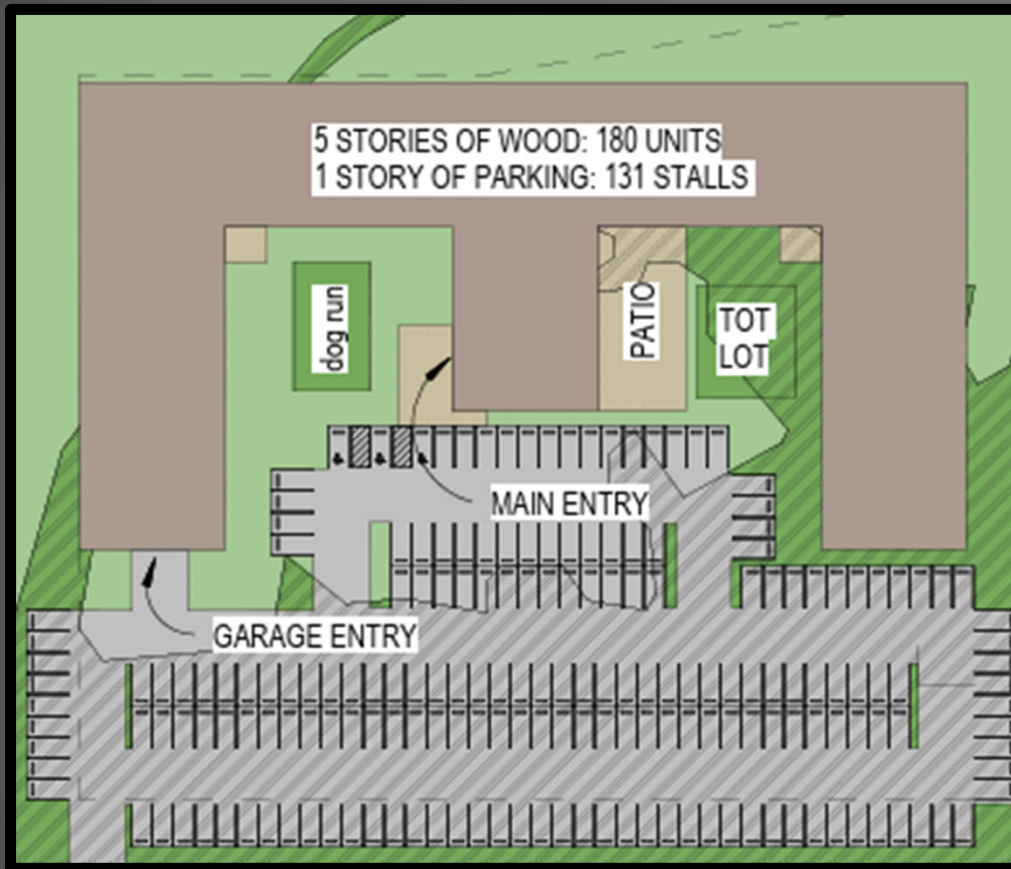
ARBOR COURT  
114 UNITS – ST. LOUIS PARK



LANDING AT AMBER FIELDS  
160 UNITS – ROSEMOUNT



# PROPOSED APARTMENT SITE PLAN



## 6 Stories

- 1 level of at grade covered parking
- 5 levels of housing

## 180 Units

- 1-Bed: 45 units (25%)
- 2-Bed: 90 units (50%)
- 3-Bed: 45 units (25%)

## Parking Stalls (325 total)

- 131 covered
- 194 uncovered
- 1.80 Stalls/Unit

# ***APARTMENT RENDERING***



Facing South



# BUILDING DETAILS

## COMMUNITY AMENITIES

- FITNESS CENTER
- CLUBROOM
- ENCLOSED PARKING
- PLAYGROUND
- DOG RUN
- OUTDOOR PATIO/BBQ

## UNIT AMENITIES

- STAINLESS STEEL APPLIANCES
- IN-UNIT WASHER/DRYER
- GRANITE COUNTERTOPS
- HIGH QUALITY CABINETS



# SUSTAINABILITY

## Design Standards

- Energy Star Certification
- Enterprise Green Communities (w/ Minnesota Overlay)



## Design Elements

- Energy Star appliances
- EV Charging Stations (~30 Level 2)
- Solar Ready Roof
- High efficiency mechanical systems
- Continuous exterior insulation
- Motion sensor activated lighting
- Low-flow plumbing fixtures
- Low VOC paints and adhesives

# ***AFFORDABILITY REQUIREMENTS – 60% AMI***

## **INCOME RESTRICTIONS (60% AMI)**

1-PERSON HOUSEHOLD: \$55,620

2-PERSON HOUSEHOLD: \$63,600

3-PERSON HOUSEHOLD: \$71,520

4-PERSON HOUSEHOLD: \$79,440

5-PERSON HOUSEHOLD: \$85,800

6-PERSON HOUSEHOLD: \$92,160

## **AFFORDABLE RENTS (60% AMI)**

1-BED UNIT: \$1,400

2-BED UNIT: \$1,676

3-BED UNIT: \$1,933

4-BED UNIT: \$2,149

## **TYPICAL MARKET RENTS**

1-BED UNIT: \$1,475 - \$1,600

2-BED UNIT: \$1,850 - \$2,000

3-BED UNIT: \$2,200 - \$2,600

4-BED UNIT: >\$2,600

## ***NEED FOR AFFORDABILITY***

According to MetCouncil data, 64% of renters in Vadnais Heights are housing cost burdened (pay more than 30% of gross income towards rent).

The property is located in a Qualified Census Tract (QCT), which is a HUD designation of census tracts where at least 50% of households have incomes below 60% of the area median income.

A study by Stantec found that more people travel to Vadnais Heights to work rather than leave for work, illustrating that there are not sufficient housing options within the City for its workforce to reside there

## ***WHY REE HAS SELECTED THIS SITE***

- **Location within a Qualified Census Tract**
  - As discussed previously, the project census tract has a high percentage of households who would qualify for the proposed housing.
  - HUD provides additional federal resources for projects within qualified census tracts, helping make the development financially feasible.
- **Lack of feasible alternate locations**
  - Real Estate Equities approached 3 different property owners within Vadenais Heights regarding our interest to purchase their property, based on their property having the necessary characteristics for a workforce housing development. All declined to sell their property.
  - Other property in Vadenais Heights was determined to be unsuitable for various reasons such as property size, adjacent uses, and environmental contamination



**Questions?**

## Minnesota Wetland Conservation Act Technical Evaluation Panel Form

This form can be used to document TEP findings and recommendations related to WCA decisions, determinations, enforcement and pre-application reviews.

<b>Local Government Unit:</b> Ramsey-Washington Metro Watershed District (RWMWD)	
<b>County:</b> Ramsey	
<b>Landowner/Applicant:</b> Real Estate Equities, Inc. <b>Agent/Representative(s):</b> Travis Fristed (Braun Intertec Corporation)	
<b>Project Name:</b> Vadnais Heights Affordable Housing	<b>Project No. (if any):</b> 25-03 WCA
<b>Project Location:</b> Southeast corner of Vadnais Heights near I-694 and Highway 61, PID: 343022340008	

**Purpose of TEP Findings/Recommendation** - check all that apply and describe

<input type="checkbox"/> Pre-application review <input checked="" type="checkbox"/> <b>Application Review (related to WCA Decision)</b> <input type="checkbox"/> Local Government Road Wetland Replacement Program Eligibility <input type="checkbox"/> WCA Determination Request <input type="checkbox"/> <b>Other (specify):</b> Describe:
---

**Meeting Type** – check all that apply and specify dates as applicable

<input type="checkbox"/> In-Person Meeting(s), Date(s): <input type="checkbox"/> Electronic Exchanges (email, skype, etc.) <input type="checkbox"/> Onsite Review(s), Date(s): <input checked="" type="checkbox"/> <b>Other (specify):</b> Virtual TEP Meeting (Microsoft Teams) 4/10/25
---

### Findings and Recommendations

<p>A pre-application sequencing analysis memo was submitted to RWMWD (LGU) on 1/13/25. The site has an approved wetland delineation (#24-12 WCA, NOD issued 8/2/24).</p> <p>Regarding the preliminary review of the sequencing analysis, a virtual TEP meeting was held on 1/27/25 with Ben Meyer (BWSR), Alexis Lipstein (Ramsey County), Dan Scollan (DNR), Kendra Kloth (RWMWD), with representatives from Braun Intertec (project consultant) and Real Estate Equities (prospective developer). The meeting discussion was summarized with TEP comments/findings issued 1/31/25.</p> <p>A formal sequencing and no-loss application was then submitted on 3/17/25 with a Notice of Application sent on 3/27/25. Another two-part virtual TEP meeting was held on 4/10/25 to discuss the application. Those present at the meeting included Ben Meyer (BWSR), Alexis Lipstein (Ramsey County), Dan Scollan (DNR), and Kendra Kloth (RWMWD) with representatives from Braun Intertec (Travis Fristed and Megan Ullery-BruX) present during the second half of the meeting.</p> <p>The application includes an avoidance and minimization analysis for the proposed residential project in question which would necessitate more than 1 acre of permanent wetland impact with the developer's preferred alternative. The application also includes a no-loss determination request for areas believed to be incidental: Wetland B, Wetland C, and the ditched/channelized portion of Wetland A.</p> <p>Regarding the alternative site analysis, the TEP finds that the explanation for not pursuing the other sites that were considered is sufficient. The TEP acknowledged that many of the TEP's comments from the previous Findings (issued 1/31/25) were addressed in the current application. Some remaining</p>
---

comments/requests for supplemental information include:

- Show more clearly the Met Council Interceptor location with existing easement on Figure 8 “proposed layout- preferred alternative.” It’s understood that the easement restrictions as well as the anticipated billboard access route would require that any wetland mitigation and associated buffer area(s) would need to be located outside of this easement and access route.
- The current 25’ buffer shown on Figure 8 would not meet RWMWD’s local buffer requirements. For mitigation areas, a 37.5’ minimum/75’ average no-disturb buffer would be required to meet watershed district rules as part of a future grading/construction permit application submittal.
- Figure 5 “avoidance alternative 3 (mid-rise)”: Show this building orientation mirrored on the west side of the property. Compare wetland impact areas. Do not include anticipated stormwater “treatment ponds” as the stormwater design/feasibility is incomplete at this time (ex: underground stormwater treatment may turn out to be feasible on the west side of the property based on preliminary information).

It is understood that onsite geotechnical investigation has not yet taken place, and this information is unlikely to be available prior to a Notice of Decision on the current application. A major concern of the TEP’s with regard to the preferred alternative (and any proposed mitigation plan) is the matter of sufficient hydrology and ecological suitability (WCA 8420.0522). A decision on the current sequencing application will not approve any wetland impacts, and the following needs to be thoroughly analyzed and discussed as part of a future replacement plan application:

- What is the understanding of the site’s groundwater interaction, or is Wetland A all surface-fed in existing conditions? If proposed excavation does not connect with the groundwater table, where will hydrology come from to properly sustain the mitigation area? Is there adequate surface and/or stormwater coming into the site that will continue to sustain the non-impacted portions of Wetland A in addition to the mitigation area?
- What is the underlying native soil under the suspected urban fill on this site? Is it suitable for wetland mitigation or will soil import/correction be required?

Regarding the no-loss portion of the application, based on a review of historical information and aerial photography provided, the TEP finds that Wetland B, Wetland C, and the ditched/channelized portion of Wetland A are incidental. The remainder of Wetland A and Wetland D are WCA-jurisdictional. Since the site design is preliminary and proposed impacts are not finalized, it is more appropriate to deem these areas as incidental for future permitting purposes rather than approving a no-loss at this time. This will be reflected in the expected NOD.

The development team plans to engage the RWMWD Board of Managers at their May 7th public meeting for preliminary feedback prior to any replacement plan being submitted. If a future replacement plan is submitted, the RWMWD board is the designated decision-maker. A Notice of Decision on the current sequencing application will occur after this May 7th meeting (but anticipated within the 60-day decision deadline) in order to incorporate any LGU approval conditions that may result from discussion with the board.

The proposed project will require environmental review (EAW) because the applicant is proposing greater than 1 acre of wetland impact. This EAW process will be administered by the City of Vadnais Heights and has not yet started (anticipated summer 2025).

The developer has a contract to purchase the land but does not currently own it.

☒ Attachment(s) (specify):

DNR Protected Waters and Shoreland Protection Zone

Will the project/activity affect DNR public waters, DNR public waters wetlands or wetlands within the shoreland protection zone? ☐ Yes ☐ No If yes, DNR representative is a member of the TEP.

### Signatures

<input checked="" type="checkbox"/> LGU TEP Member: <b>Nicole Maras</b>	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature: <i>Nicole Maras</i>	Date: 4/17/2025
<input checked="" type="checkbox"/> SWCD TEP Member: <b>Alexis Lipstein</b>	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature: <i>Alexis Lipstein</i>	Date: 4/15/2025
<input checked="" type="checkbox"/> BWSR TEP Member: <b>Ben Meyer</b>	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature: <i>Benjamin L. Meyer</i>	Date: 4/15/2025
<input checked="" type="checkbox"/> DNR TEP Member: <b>Dan Scollan</b>	Agree with Findings & Recommendations: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Signature: <i>Dan Scollan</i>	Date: 4/15/2025

## 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:

The project seeks to provide 180 units of workforce housing to households earning 30-70% of the Area Median Income (AMI), by utilizing the federal Low-Income Housing Tax Credit (LIHTC) program.

According to Metropolitan Council data, 64% of renters in Vadnais Heights are cost burdened, demonstrating a need for workforce housing in the community. The site is located within a Qualified Census Tract (QCT), which has been designated by Housing and Urban Development (HUD) due to at least 50% of households in the 2020 census tract having incomes below 60% of the Area Median Income (AMI), further illustrating the need for affordable, workforce housing at this location. Furthermore, a 2024 study commissioned by the City of Vadnais Heights completed by Stantec found that more people come to Vadnais Heights to work than leave for work, which shows that there is insufficient housing available in the City for its workforce to reside.

Only a portion of Vadnais Heights is located in a Qualified Census Tract (QCT; refer to pink shaded areas on the attached Figure 2), which is significant because there are substantially more federal financial resources available for workforce housing developments located in QCT areas through the LIHTC program. LIHTC developments within a QCT receive an additional 30% of LIHTC, which for this project is expected to equate to an additional \$5-6M of federal funding based on project development cost estimates.

The selected site meets these criteria and the proposed affordable housing use offers a desired development opportunity to an underutilized property. Based on current interest rates, land purchase and construction costs, 180 units in 6 stories is contingent as financially viable based on current market conditions. The project also received Met Council funding based on the 180-unit count, which the City of Vadnais Heights applied for and received on behalf of the applicant.

Several conditions influence future land uses and restrictions at the Site. Figures 3 and 3B (Appendix A) illustrates the following considerations used during the conceptual design phase, which are described below:

**Soils and Groundwater:** Desktop geotechnical information was reviewed to determine the general soil suitability for development. Soil textures are generally structurally poor, with shallow groundwater at or below the soil surface (approximately 878' to 884" MSL) across the site.

**Site Access:** Temporary and permanent vehicle access to the Site is limited to only County Road D Court East. In its current state, the public paved road ends at the southwest corner of the Site. Remnants of the abandoned public road (which is now blocked off to public vehicle access) continues east into a narrow gravel road along the southern boundary of the Site. The proposed private road will run along the southern boundary of the Site and is the only feasible access option to the Site for the following reasons:

- Access from the north is infeasible due to the major interstate (I-694) and associated right-of-way in place and restricted access by MnDOT (Appendix B, Figure 3B).
- Access from the southeast will be gated for emergency vehicles only.
- Other access alignments from the east are infeasible due to the Bruce Vento Trail and existing stormwater management ponds and wetlands.

- The property to the west (owned by MnDOT) is not available for purchase. Real Estate Equities, Inc. approached MnDOT regarding their willingness to sell the property, and MnDOT stated they were not interested. If access was allowed from the west, it would be within the Site (interior) and increase wetland impacts from a different configuration of the building, parking, and the interior road.

**Utility Access:** Configuration of the Site relies on access to the municipal utilities present along County Road D Court. Regional waterline access is stubbed available at the southwest corner of the Site. Trunk Metropolitan Council Environmental Services sanitary sewer (MCES Beltline Interceptor) is present within the east portion of the Site (west of Bruce Vento Trail under the billboard access road). The MCES and utility easements are 30 feet wide and prohibits any building or other structures within the easement area (Appendix B, Figure 3B).

**Stormwater Flow Direction and Floodplain:** Wetlands and stormwater ponds east of the Bruce Vento Trail discharges stormwater into the Site (Wetland A) through a large stormwater pipe under the existing trail. Construction in this area of the Site would result in significant manipulation of stormwater structures and flows, disrupt trail use, and changes in the upstream neighboring properties stormwater management.

**Setbacks and Zoning:** City zoning requirements restrict building locations, setbacks, and other proposed improvements to the property. The property is currently zoned for OB - Office Business District but will be rezoned for the proposed project to residential zoning, R3 - Residence Three District, which is a suitable use for this parcel. The R3 setback is "No less than 35 feet, or 40 feet on an arterial street, or the average height of the building, whichever is greater". This setback requirement is to be applied to parcel edges, County Rd D Court, and wetland boundaries.

**Billboard:** The property's seller is to retain vehicle access to an electrical box and billboard near Interstate 694 per an agreement within the sale of the property. Regardless of future site layouts and proposed uses of the property, these items must remain on site near the north property line and be visible from I-694.

**Existing Roads:** The road extension on the property will need to match the grade of the existing profile elevation and dimensions of County Road D Court. The road extension would become a private road when developed.

**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:

Three alternatives were reviewed that would result in no wetland impacts:

**Avoidance Alternative #1 (No-Build):** This alternative considered not developing the site. No wetland impacts would occur however this alternative does not meet the purpose or need of the project therefore this alternative is rejected.

**Avoidance Alternative #2 (Smaller Building Footprint):** This alternative would develop a 2-story building (62 units) within the eastern upland portion of the Site (Appendix B, Figure 4). No wetland impacts would be proposed, however, the site layout presents several challenges; including:

- Vehicle access is limited to one narrow access point (from County Road D), versus two access points and adequate minimum road widths for emergency services.
- The smaller building (and lesser units) will not be financially viable to partially off-set the associated land and site improvement costs or Met Council support of minimum number of units.

For these reasons, this alternative is not a prudent and feasible option.

**Avoidance Alternative #3 (Mid-Rise):** One 8-story mid-rise building with 180 units at one level of at grade parking was considered for alternative #3 (Appendix B, Figure 5). This site layout presents several challenges:

- Building over and in the MCES Beltline Interceptor and utility easement is prohibited, therefore the proposed building is shifted further west.
- Alternative #3 maximizes parking to 139 stalls, or 0.77 parking spots per unit. City Code is 2 spots per unit, and 0.77 spots per unit is not sufficient for workforce housing in a suburban location.
- Vehicle access is limited to one access point (from County Road D), versus two access points for emergency services.
- Building height restrictions and additional structural engineering would add significant project costs which may not make the project financially viable.
- Stormwater management areas would not occur under parking areas (insufficient space) and would need to be expansive (bigger footprint) and shallow within upland areas due to the site conditions (shallow groundwater, direction of current surface water flows through the site), and may result in secondary post-construction long-term wetland impacts (interaction with wetland hydrology and groundwater).

Alternative #3 was found not to be feasible due to inadequate parking, one access point for emergency vehicles, advanced structural engineering for increased building heights/loads, and unknown stormwater secondary impacts to wetlands.

**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):

Unavoidable wetland impacts were evaluated during the conceptual design process to reduce proposed impacts were feasible to the extent allowed by industry acceptable engineering practices, constructability, existing site constraints, and local planning and zoning regulations. This evaluation considered the following alternative layouts and incorporated several minimization efforts into the proposed plan:

**Alternative Site Layout #4 (Two Buildings):** Alternative #4 consists of two buildings and surface parking lots within the Site (Appendix B, Figure 6). The buildings would be 3 stories containing 100 units each (200 units total). The building would be constructed with one level of at grade parking and surface parking stalls with a parking ratio of 2.1 parking spots to each unit. Stormwater management could be provided in below ground systems under the surface parking lots. Alternative site layout #4 impacts 2.89 acres of Wetland A and 0.02 acres of Wetland D. Extensive offsite mitigation (no on-site mitigation potential), vast stormsewer systems to convey the existing off-site stormwater flows through site, structural building supports and soil corrections would be required. For these reasons, this site layout is not feasible.

**Alternative Site Layout #5 (East Building):** This alternative is similar to the proposed layout (same building footprint, number of units, and parking configuration), however located on the eastern half of the Site (Appendix B, Figure 7). The alternative would require extension of the utilities located on the western edge of the Site, increasing impacts to the wetland. Additionally, the billboard, access road, and MCES Beltline Interceptor constrain the construction to the east, and would shift the building further west than the required setbacks. Stormwater flows from the pond on the neighboring property may also need to be extended west, increasing disruption to the surrounding areas and potentially altering the hydrology regime of the remaining portion of Wetland A. In this configuration, available upland for onsite wetland mitigation would be approximately 1.99 acres.

Approximately 1.60 acres of Wetland A would be permanently filled. Wetland A impacts would be increased by approximately 6% due to the placement of the building on the larger portion of the wetland compared to the proposed layout. For these reasons, the applicant finds this alternative to not be reasonable.

**Proposed Layout (West Building):** The proposed site plan provides 180 affordable apartment units on five levels in one building on the west half of the parcel (refer to Figure 8, Appendix B). Shared community spaces and below building (level 1 at-grade) and surface parking with a ratio of 1.80 parking spots per unit (325 stalls total) is proposed. Stormwater management will be provided in underground detention systems below the surface parking lot before discharging off-site. This site configuration allows for onsite wetland mitigation (approximately 1.96 acres) and the potential for floodplain mitigation in the east half of the Site. This is the chosen alternative as it will maximize on-site wetland replacement and have the least amount of wetland impact.

**Parking:** Section 38.610(e)3 of the Vadnais Heights Code of Ordinances states that apartment buildings should have “at least two off-street spaces per unit plus visitor parking as required by the city council.” The proposed project will require a variance to reduce the amount of parking on the Site to a ratio of 1.8 parking spots to each unit. The proposed project maximizes at-grade below building parking to reduce surface parking area. The surface lot will also double as the footprint for underground stormwater management, eliminating one or more stormwater management ponds and additional Wetland A impacts to the east portion of the Site.

**Width of County Road D Extension:** The abandoned upland portions of old County Road D will be used as a private drive to access the Site. Designating the road as a private drive allows the applicant to reduce the road width to the minimum 28 feet (curb to curb) per the city requirements and engineering standards. The road extension is required by the City to allow for two points of access for emergency vehicle access from the east and west as necessary for the development as required by the City of Vadnais Heights Fire Department.

**Lower Finished Site Elevations:** Poor structural soils require corrections, amendments, and/or engineering controls to safely carry loads from buildings and other proposed uses. Structural engineering controls to minimize proposed fill volumes will lower finished site elevations closer to existing elevations. Closely matching both elevations on this Site eliminates the need for significant retaining walls or steep slopes in transition areas along the north and east perimeter and minimizes the footprint of impact into Wetland A.

**Stormwater Management Criteria:** The hydraulic design for managing stormwater is limited by site constraints (as discussed previously), however regulatory requirements are achieved in underground stormwater management system(s) that meet the minimum stormwater management design requirements for the City of Vadnais Heights, NPDES/SDS Construction Stormwater General Permit, and Ramsey-Washington Metro Watershed District requirements.



**Special Considerations (MN Rule 8420.0515):** The Minnesota Department of Natural Resources (MnDNR) Natural Heritage Information System (NHIS) and the U.S. Fish & Wildlife Service Information for Planning and Consultation (IPaC ) were queried on October 28th 2024 and February 28, 2025, respectively. This data set is the most current data source available from MnDNR as of July 7, 2023. There are no rare natural communities, special fish and wildlife resources, or other special consideration (as listed in MN Rules 8420.0515) within one-half mile of the project site. Seven State or Federally listed species were identified within one mile of the project site. Project activities will not adversely impact any state or federally listed species due to the following:

Common Name	State Status	Federal Status	Comment
Blanding's Turtle	Threatened	---	Last observed 1988. Since Blanding's Turtles may be present in the surrounding area it is recommended that the project contractors follow the MN DNR Recommendations for Avoiding and Minimizing Impacts in the Blanding's Turtle Fact Sheet during construction.
Monarch Butterfly	---	Proposed Threatened	No floral resources are present within the project area.
Rusty Patched Bumble Bee	Watchlist	Endangered	Last observed 2016. No floral resources are present within the project area. Due to the Site being within a High Potential zone for the RPBB, and the forested areas of the Site with potential to provide overwintering habitat for the RPBB, the Xerces Society for Invertebrate Conservation Rusty Patched Bumble Bee Habitat Assessment Form and Guide was completed. The assessment scored 94/215 points. The form states ideally for good RPBB habitat the site would be over 100.
Salamander Mussel	Endangered	Proposed Endangered	There is no suitable aquatic habitat for this species within the project area.
Western Regal Fritillary	---	Proposed	No floral resources are present within the project area.
White Wild Indigo	Special Concern	---	Last observed 1986. There is no savanna, upland prairie, or other suitable habitat for this species within the project area.
Whooping Crane	---	Experimental Population, Non-Essential	NEP are those populations that are not vital to the survival of a federally listed species in the wild. NEP of a species are protected from take under the Endangered Species Act (ESA). However, the designation of NEP allows for greater flexibility in the management of a geographically specific species population.

**Secondary (Indirect) Potential Wetland Impacts:** There are no anticipated or potential secondary/indirect impacts to downstream or surrounding aquatic resources. Permanent stormwater management will provide treatment and volume control for stormwater runoff from developed upland areas. During and immediately following the completion of construction, erosion and sediment controls BMPs (silt fence, biorolls, erosion control blanket) will be installed and maintained per the Stormwater pollution Prevention Plan (SWPPP) and NPDES Construction Stormwater permit requirements.

**Known Local, State, and Federal Permits:** Multiple permits and approvals will be required from the City of Vadnais Heights, Ramsey-Washington Metro Watershed District, and State of Minnesota. Specific permits/approvals will be determined upon preliminary project approval by the authorities having regulatory jurisdiction.

**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.

Site selection was based on several parameters; including availability of developable land in the QCT with willing seller(s), property that has the necessary net acres of developable land (to make the project financially viable), availability of City utilities, and proximity to major transportation corridors. With limited land within Vadnais Heights not already developed, sites available within the QCT and available for purchase were even more limited.

Four sites were considered for this development but were disqualified due to their size, willingness of the owner to sell, or large amounts of contamination remediation costs that would prohibit the financial feasibility of the project. Including the parcel chosen for the project, three offers were made to purchase parcels within the QCT and City of Vadnais Heights (refer to Figure 2):

**Alternative Site 1** (Parcel ID: Unassigned, State of MN Right of Way. Address: Unassigned, SE Corner of HWY 61 and I-694, within QCT): Reason for disqualification: The property has not been marketed for sale. Real Estate Equities approached MNDOT regarding the possibility of a sale, and MNDOT stated they were not interested in selling the property.

**Alternative Site 2** (Parcel ID: 333022230043. Address: Unassigned): Reason for disqualification: The property has not been marketed for sale. Real Estate Equities has made several unsolicited offers to the landowner to purchase the land, but the landowner has indicated that the property is not for sale.

**Alternative Site 3** (Parcel ID: 333022210021/333022210015. Address: 3535 Vadnais Center Drive): Reason for disqualification: The property, which contains an office building, was marketed for sale. Real Estate Equities made an offer for the property with the intent to redevelop as an apartment building, however the seller's representative stated they were not interested in selling to someone whose intention was redevelopment.

**Alternative Site 4** (Parcel ID: 283022430009/283022430016. Address: 0 Talmadge Circle): Reason for disqualification: The property contained significant environmental contamination as a result of its past use. It is also not located in the QCT needed to leverage the federal funds needed to finance the development.

The only one to accept the offer was the proposed project location.



## REGULATORY PROGRAM MONTHLY MEMORANDUM

**Date:** May 7<sup>th</sup>, 2025

**To:** Board of Managers and Staff

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

During April 2025:

**Number of Violations:** **6**

General Permit Requirements	2
Install/Maintain Perimeter Control	1
Sweep Paved Surfaces	1
Contain/Dispose Liquid and Solid Waste	1
Remove Discharged Sediment	1

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

- Ongoing: Site inspections/reporting, rule guidance assistance & inquiries, Wetland Conservation Act (WCA) administration, permit submittal review with Barr Engineering, permit webpage updates, *MS4 action items and data tracking*
- 4/1- Preconstruction meeting: Woodbury Middle School
- 4/2- Phalen Creek Daylighting Maintenance Discussion
- 4/3- Construction Site Management recertification training
- 4/2- Washington County Water Consortium
- 4/9- Bailey Nursery Redevelopment Coordination
- 4/9- MnDOT Hwy 61 biweekly inspection meeting
- 4/11- WCA TEP meeting: Vadnais Heights Affordable Housing
- 4/11- WCA TEP meeting: Battle Creek Dog Park
- 4/11- Underground BMP inspections w/ Barr
- 4/16- WCA TEP Academy training
- 4/22-4/23 Inspection and Maintenance of Permanent Stormwater Treatment Practices certification training
- 4/24 – American Cooperative failing BMP discussion
- 4/25 – Preconstruction meeting: North St. Paul 2025 SIP

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

25-13 932 Orchard Ln (Roseville)  
25-15 2817 Victoria St N (Roseville)

### **Permits Closed:**

20-05 Frost Lake Elementary Improvements (St. Paul)  
22-08 SPRWS Soil Staging Site (St. Paul) --WITHDRAWN  
22-21 Lapham-Hickey Steel Addition (Little Canada)  
23-30 RWMWD 2024 CIP Maintenance/Repairs (multiple locations)

### **Training Updates:**

Kendra attended the Technical Evaluation Panel (TEP) Academy Training hosted in St. Cloud on April 16<sup>th</sup>. Through this training she learned about TEP procedures and common WCA decisions, including replacement plans, wetland banking, and enforcement. Kendra hopes to translate this training into real-world applications for future WCA administration.

Kendra, along with RWMWD Grant Program Specialist Ashlee, attended the Inspection and Maintenance of Permanent Stormwater Treatment Practices training on April 22<sup>nd</sup> – 23<sup>rd</sup>. This two-day training was hosted at the Minnesota Landscape Arboretum and featured presentations and field-based learning to further understand the fundamentals of stormwater practices, including mechanics, operations, inspections, and maintenance needs. RWMWD Assistant Administrator Paige also attended the training to present about District programming and project work. This training provided insight into effective inspection techniques, as well as maintenance considerations when in the design phase of the project.

Mary attended the U of M's Construction Site Management Recertification class on April 3<sup>rd</sup>. This requires recertification every 3 years and is intended for those who supervise, run, or direct construction site operations, grading work, culvert replacement work, and bridge construction work. The course covers MPCA permit requirements, roles and responsibilities, example specifications, how to implement a SWPPP, and best practices to prevent erosion and control sedimentation. Also covered is the implementation of the erosion and sediment control plan, requirements of various regulatory agencies, and consequences of permit violations. This certification is useful for our permit team to ensure we continue to have robust knowledge of current state regulations for construction stormwater.

### **Project Updates:**

#### **#24-44 MnDOT Hwy 61- Arcade/7th St (St. Paul/Maplewood)**

On April 9<sup>th</sup> Mary conducted an erosion and sediment control inspection of the MnDOT Hwy 61/Arcade Street project, west of Lake Phalen. The inspection included MnDOT's MS4 inspector, MnDOT's Chief Construction Inspector, and two contractor representatives. The inspection revealed that the site was compliant, but action

items were needed to maintain compliance including inlet protection maintenance, trench cut perimeter control, and curb line filter checks. The most important thing to keep in mind when inspecting a linear project is assessing where the water will want to go during a rain event. Typically, a road has curb and gutter to transport stormwater during a rain event. When it's under construction, however, this typical drainage pattern is disrupted. This is reviewed by our permit staff during inspections to ensure temporary BMPs are utilized to safely transport water through a site and discharge it in a clean and controlled manner.



#### **#24-12 St. Paul Fish Hatchery Trail (St. Paul)**

On April 16<sup>th</sup> Mary completed an initial erosion control walk-through with the contractor who is replacing the deteriorated trail along Hwy 61 and Warner Road, near Little Pigs Eye Lake. Although most BMPs were installed, Mary discovered a missing culvert bypass, redundant perimeter control, inlet protection, and anti-tracking BMPs. The construction company had laborers on site who were working on getting all these items addressed at the time of the inspection. The following day, the contractor confirmed with photographs that all necessary erosion and sediment



control BMPs had been installed onsite. Staff will continue to inspect this project on a regular basis through the duration of activity.



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# Stewardship Grant Program

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# Stewardship Grant Program Budget Status Update

May 7, 2025

		Last Month	This Month	Last Month	This Month
Homeowner	Coverage	Number of Projects: 9	Number of Projects: 13	Funds Allocated	Funds Allocated
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	4	6	\$3,350	\$7,810**
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	4	5	\$49,750	\$53,550**
MN Water Steward Project	100% Cost Share \$15,000 Max	0	0	\$0	\$0
Shoreland Restoration	100% Cost Share \$15,000 Max	1	2	\$15,000	\$30,000*

		Last Month	This Month	Last Month	This Month
Commercial, School, Government, Church, Associations, etc.	Coverage	Number of Projects: 4	Number of Projects: 8	Funds Allocated	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	2	3	\$25,750	\$29,050**
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	1	2	\$42,300	\$142,300*
Non-Priority Area Projects	75% Cost Share \$50,000 Max	0	1	\$0	\$15,000*
Public Art	50% Cost Share \$15,000 Max/Project	0	0	\$0	\$0
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	0	0	\$0	\$0
Enhanced Street Sweeping (\$250,000 Reserved)	Varies Cost Share \$100,000 Max	1	2	\$75,000	\$117,000*

Maintenance	50% Cost Share \$7,500 Max for 5 Years	67	74	\$56,935	\$65,415**
Consultant Fees				\$3,104	\$19,068
<b>Total Allocated</b>				<b>\$271,189</b>	<b>\$479,193</b>

\*includes funds to be approved at current board meeting

\*\* includes staff approvals since previous board meeting

2025 Stewardship Grant Program Budget		
	Last Month	This Month
Budget	\$1,250,000	\$1,250,000
Total Funds Allocated	\$271,189	\$479,193
<b>Total Available Funds</b>	<b>\$978,812</b>	<b>\$770,807</b>

\* \* \* \* \*

# Action Items

\* \* \* \* \*



# Request for Board Action

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**Board Meeting Date:** May 7, 2025

**Agenda Item No:** 7A

**Preparer:** Tina Carstens, Administrator

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**Item Description:** Review and Accept the 2024 District Annual Financial Audit

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**Background:**

The District is required by law to complete and file an annual audit of the District's financial records. The final audit report is posted to our website and [can be found here](#).

The auditor has also prepared an audit management letter that serves as an easier way to understand a summary of the audit. That audit management letter is attached.

The audit will be sent to the State Auditor as well as the Board of Water and Soil Resources as required.

The audit gives the District an unmodified clean opinion. This is the highest opinion that can be given. There were also no internal control findings or compliance finding.

This audit report is complete and for your information.

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**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:** Maintain financial solvency and accountability.

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**Staff Recommendation:**

Accept the 2024 Annual Audit Report.

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**Financial Implications:**

None.

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**Board Action Requested:**

Accept the 2024 Annual Audit Report.

**RAMSEY-WASHINGTON METRO  
WATERSHED DISTRICT**

**AUDIT MANAGEMENT LETTER**

DECEMBER 31, 2024

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To the Board of Managers  
Ramsey-Washington Metro Watershed District  
Little Canada, Minnesota

We have completed our audit of the Ramsey-Washington Metro Watershed District (RWMWD) for the year ended December 31, 2024. In conjunction with that audit, we present this management letter on matters relating to the financial operations of RWMWD. We offer this report as an additional analytical perspective for the Board of Managers in monitoring the financial position and operations of the accounts and funds of RWMWD. This report also contains required communications to those charged with governance.

Several reports are issued in conjunction with the audit. A summary is as follows:

- Opinion on Financial Statements – unmodified (clean) opinion
- Report on Internal Control – no internal control findings
- Minnesota Legal Compliance Report – no compliance findings

Thank you for the opportunity to serve RWMWD. We are available to discuss this report with you.

*Redpath and Company, LLC*

REDPATH AND COMPANY, LLC  
St. Paul, Minnesota

May 2, 2025



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# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

### Cash and Investments

Cash and investment balances at December 31, 2024 and 2023 were as follows:

Fund	December 31,		Increase (Decrease)
	2024	2023	
General	\$4,237,736	\$4,387,700	(\$149,964)
Debt Service Funds:			
General Obligation Bonds	294,096	159,920	134,176
Capital Project Funds:			
Stormwater Impact Fund	528,386	1,408,139	(879,753)
Capital Projects CIB	9,607,417	8,759,840	847,577
Total	<u>\$14,667,635</u>	<u>\$14,715,599</u>	<u>(\$47,964)</u>

Investment income totaled \$706,471 for the year ended December 31, 2024 as compared to \$670,527 for the year ended December 31, 2023. As of December 31, 2024, the RWMWD's funds were earning 4.50% as compared to 5.24% as of December 31, 2023. Although interest rates decreased near the end of 2024, RWMWD earned greater than 5.00% on its investments during most of 2024.

### Taxes Receivable

Taxes receivable at December 31, 2024 and 2023 consisted of the following:

	December 31,		Increase (Decrease)
	2024	2023	
Delinquent	\$221,076	\$199,326	\$21,750
Due from County	47,731	7,955	39,776
Total	<u>\$268,807</u>	<u>\$207,281</u>	<u>\$61,526</u>

# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

Delinquent taxes receivable represent the balance of property taxes levied for collection in 2017 through 2024, but which remained unpaid by the property owner as of December 31, 2024. This uncollected portion of property taxes is also classified as unavailable revenue and is not part of fund balance at year-end. Accounting standards related to revenue recognition for governments require revenue to be both measurable and available. Delinquent property taxes are not considered to be available.

Due from County taxes receivable consist of amounts collected by Ramsey and Washington counties during November and December of 2024, but not remitted to RWMWD until January 2024.

RWMWD's overall property tax collection rate was 98.5% for the year ended December 31, 2024. The following table summarizes the 2024 levy and collections:

	Ramsey & Washington Counties
Total levy (pay 2024)	<u>\$7,377,463</u>
<u>2024 collections:</u>	
July 2024 collections	3,763,479
December 2024 collections	3,451,969
January 2025 collections	<u>47,731</u>
Total property tax revenue - 2024	<u>\$7,263,179</u>
Collection percentage - current and delinquent	<u>98.5%</u>

# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

### **Fund Balance – All Funds**

Fund balance represents the net current assets of each fund (i.e., cash plus receivables minus liabilities).

RWMWD's funds are all governmental type funds. Governmental type funds are accounted for using the current financial resources measurement focus. With this measurement focus, only current assets and current liabilities generally are included on the balance sheet.

At December 31, 2024 and 2023, fund balance was as follows:

Fund	December 31,		Increase (Decrease)
	2024	2023	
General	\$2,404,391	\$2,714,628	(\$310,237)
Debt Service Funds:			
General Obligation Bonds	295,131	435,851	(140,720)
Capital Project Funds:			
Stormwater Impact Fund	528,386	1,381,018	(852,632)
Capital Projects CIB	8,549,205	8,506,312	42,893
Total	<u>\$11,777,113</u>	<u>\$13,037,809</u>	<u>(\$1,260,696)</u>

# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

### General Fund

The fund balance of the General Fund decreased by \$310,237 during the year. Statement 6 of the Annual Financial Report details the General Fund budget versus actual operating results. A summary is presented below:

Budgeted change in fund balance		(\$1,000,000)
Actual revenue over (under) budgeted revenue:		
Property taxes	(\$47,636)	
Intergovernmental	5,500	
Investment income	169,982	
Permit escrow fees	19,142	
Refunds, reimbursements and other	36,913	
		<u>183,901</u>
Actual expenditures (over) under budget:		
Engineering	32,348	
Salaries/payroll taxes/benefits	60,997	
Consulting	40,000	
Water quality monitoring	(129,244)	
Office equipment and maintenance	94,895	
Vehicle lease and maintenance	51,330	
Watershed programs	298,325	
All other (net)	57,211	
		<u>505,862</u>
Net change in fund balance		<u><u>(\$310,237)</u></u>

For watershed programs, significant positive expenditure budget variances included project feasibility studies (\$130,458) and lake studies/WRAPS/TMDL (\$127,677).



# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

### **Intergovernmental Revenue**

Intergovernmental grants and aids, and cost sharing agreement revenue (in all funds) in 2024 include the following:

Met Council WOMP grant	\$5,500
Other	<u>30</u>
Total intergovernmental revenue	<u><u>\$5,530</u></u>

### **Stormwater Impact Payments**

Stormwater impact payment revenue totaled \$84,053 for the year ended December 31, 2024 as compared to \$1,004,991 for the year ended December 31, 2023.

### **Pension Liability**

GASB Statement No. 68 requires RWMWD to report its proportionate share of PERA's net pension liability. During 2024, RWMWD's share of PERA's net pension liability decreased by \$274,249 to \$558,948. RWMWD paid its required contribution of \$102,456 to the Plan, which was equal to 7.5% of eligible wages. RWMWD is not obligated to "pay off" the net pension liability.

**103B Levy Authority**

RWMWD levies taxes under the authority of Minnesota Statute 103B.241. As such, the General Fund is not limited by the \$250,000 tax levy authorized in Minnesota Statute 103D. RWMWD no longer employs Special Revenue Funds to account for maintenance and projects and instead levies for all non-CIB Fund projects out of the General Fund. Minnesota Statute 103B.241 Subd.1 reads in part as follows:

***103B.241 LEVIES***

*Subdivision 1. **Watershed plans and projects.** Notwithstanding chapter 103D, a local government unit or watershed management organization may levy a tax to pay the increased costs of preparing a plan under sections 103B.231 and 103B.235 or for projects identified in an approved and adopted plan necessary to implement the purposes of section 103B.201. The proceeds of any tax levied under this section shall be deposited in a separate fund and expended only for the purposes authorized by this section. Watershed management organizations and local government units may accumulate the proceeds of levies as an alternative to issuing bonds to finance improvements.*

# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

### General Fund Balance

The fund balance of the General Fund for the past ten years is as follows:

Year Ended December 31	Amount	Increase (Decrease)
2024	\$2,404,391	(\$310,237)
2023	\$2,714,628	\$474,516
2022	2,240,112	(142,668)
2021	2,382,780	(1,982,184)
2020	4,364,964	(268,203)
2019	4,633,167	168,614
2018	4,464,553	134,648
2017	4,329,905	909,343
2016	3,420,562	519,375
2015	2,901,187	689,503

RWMWD sets the General Fund tax levy and budgets expenditures at a level consistent with its fund balance reserve policy. In 2024, the final budget reflected a decrease of \$1,000,000 in General Fund reserves. Actual reserves decreased by \$310,237 as detailed previously. In comparison, during 2023 RWMWD budgeted to use \$600,000 of General Fund reserves while actual reserves increased \$474,516.

The RWMWD budget includes a higher level of program activity in the General Fund, and as such requires a levy. Schedules and completion of projects is variable and often results in carryover fund balances and unspent levy amounts. These program funds are generally spent in the following budget year if not spent in the current budget year. Excess budget balances are considered in the following year levy/budget process to reduce ensuing year tax levies by spending down available fund balances. Past management reports have discussed the purposes and benefits of maintaining adequate cash flow reserve balances. A summary of these purposes and benefits is as follows:

1. Cash flow reserve. RWMWD receives revenue from property taxes primarily in December and July. However, expenditures are incurred throughout the year. Timing differences in the receipt of property taxes should be compensated for with adequate operating reserves. RWMWD targets 50% of the ensuing year's expenditure budget as the end of year minimum unassigned fund balance. The unassigned balance at December 31, 2024 was \$2,393,686 or 47% of the ensuing year's expenditure budget.
2. Emergency and/or unanticipated expenditures. Operating budgets are estimates only. RWMWD requires a surplus to finance unforeseen events. One method of measuring the amount of this type of surplus is to use a percent of the annual operating budget (i.e., 10% to 15% or more, depending upon the budget philosophy).
3. Preliminary project funding. Feasibility studies of potential projects require financing. RWMWD does receive such preliminary funding for certain projects. Other minor projects may be more efficiently funded through available reserves.

# RAMSEY-WASHINGTON METRO WATERSHED DISTRICT

## Audit Management Letter

### CIB Authority

This fund was established to account for the Capital Improvement Budget (CIB) process. A summary of financial activity of this fund from inception is presented in Exhibit 2 of the Annual Financial Report.

Under the authorities provided by State Statute 103B.241, RWMWD is authorized to levy ad valorem taxes for the purposes of financing the CIB projects. RWMWD has levied the following amounts for CIB projects over the past ten years:

Collectible Year	CIB Levy Certified
2024	\$3,795,000
2023	3,390,000
2022	3,540,000
2021	3,962,337
2020	4,211,885
2019	3,754,885
2018	3,859,885
2017	3,205,383
2016	3,839,885
2015	3,513,200

These levies have financed the CIB projects as well as debt service payments on the Certificates of Participation (paid off February 1, 2020). A summary of RWMWD's ad valorem tax levies is presented in Exhibit 1 of the Annual Financial Report. Additionally, a breakdown of the CIB Fund levy by project is presented in Exhibit 2 of the Annual Financial Report.



**Long-Term Debt**

As of December 31, 2024, RWMWD has the following outstanding long-term debt:

- General Obligation Minnesota Public Facilities Authority (MPFA) Loan of 2012
  - December 31, 2024 balance is \$268,000, matures in 2027
- General Obligation Drainage Bonds of 2016A
  - December 31, 2024 balance is \$2,215,000, matures in 2032

The schedules of indebtedness and deferred tax levies associated with the long-term debt are presented in Exhibits 3 and 4 of the Annual Financial Report.

RWMWD has a General Obligation Bonds debt service fund to account for activity associated with the G.O. MPFA Loan and the G.O. Drainage Bonds. Fund balance decreased from \$435,851 at December 31, 2023 to \$295,131 at December 31, 2024.

During 2019, RWMWD transferred \$863,674 of excess project funds into the General Obligation Bonds fund. During 2023, the last of these funds were used for debt service requirements in lieu of levying property taxes. During 2023, \$250,000 of contingency funds were also transferred from the Capital Projects CIB fund to meet debt service requirements through February 2025.

The \$295,131 of fund balance at December 31, 2024 is sufficient to cover the debt service payments for the first half of 2025. Property tax collections in 2025 will be used for debt service payments in the second half of 2025.

**COMMUNICATION WITH THOSE CHARGED WITH GOVERNANCE**

We have audited the financial statements of the governmental activities and each major fund of Ramsey-Washington Metro Watershed District (RWMWD) for the year ended December 31, 2024. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated March 12, 2025. Professional standards also require that we communicate to you the following information related to our audit.

**Significant Audit Matters**

*Qualitative Aspects of Accounting Practices*

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by RWMWD are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2024, except that RWMWD implemented Governmental Accounting Standards Board Statement No. 101, *Compensated Absences*. The implementation of this standard did not have a material effect on the financial statements. We noted no transactions entered into by RWMWD during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected.

The most sensitive estimates affecting the financial statements are estimates used to calculate the net pension liability, the pension related deferred outflows and inflows of resources and pension expense. These estimates are based on actuarial studies. We evaluated the key factors and assumptions used to develop these estimates in determining that they are reasonable in relation to the financial statements taken as a whole.

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. Determining sensitivity is subjective, however, we believe the disclosure most likely to be considered sensitive is Note 6 – Long-Term Debt.

The financial statement disclosures are neutral, consistent and clear.

#### *Difficulties Encountered in Performing the Audit*

We encountered no difficulties in dealing with management in performing and completing our audit.

#### *Corrected and Uncorrected Misstatements*

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. There were no uncorrected misstatements that have an effect on our opinion on the financial statements. The uncorrected misstatements or the matters underlying them could potentially cause future period financial statements to be materially misstated, even though, in our judgment, such uncorrected misstatements are immaterial to the financial statements under audit. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to each opinion unit's financial statements as a whole.

*Disagreements with Management*

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

*Management Representations*

We have requested certain representations from management that are included in the management representation letter dated May 2, 2025.

*Management Consultations with Other Independent Accountants*

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to RWMWD's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

*Other Audit Findings or Issues*

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as RWMWD's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

**Other Matters**

We applied certain limited procedures to the budgetary comparison schedule and the schedules of pension information which are required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the individual fund financial statements, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

We were not engaged to report on the introductory and other information sections, which accompany the financial statements but are not RSI. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.



**Other Reports**

Various reports on compliance and internal controls are contained in the Other Required Reports section of the audited financial statements document.

**Restriction on Use**

This information is intended solely for the information and use of the Board of Managers and management of Ramsey-Washington Metro Watershed District and is not intended to be, and should not be, used by anyone other than these specified parties.

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# New Reports/ Presentations

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# Memorandum

**To:** RWMWD Board of Managers **DRAFT**  
**From:** Erin Anderson Wenz, Tyler Olsen, Gabrielle Campagnola (Barr Engineering Company)  
**Subject:** Description of watershed management tools frequently used in RWMWD work  
**Date:** April 30, 2025  
**c:** Tina Carstens, Paige Ahlborg (RWMWD)

This memorandum provides a brief description of four different tools that are frequently used in our work with the Ramsey-Washington Metro Watershed District (RWMWD). All of these tools have been created uniquely for RWMWD by Barr and District staff. Given the recent turnover in RWMWD managers, we thought it might be helpful to summarize these tools, as they are often mentioned in reports and presentations to the Board and are important in helping to make decisions about inspection and maintenance priorities, as well as water quality project implementation priorities.

## Inspections Prioritization Tool

RWMWD has a long history of maintaining and improving its owned and operated infrastructure to enable proper function for water quality improvement, conveyance, and flood risk reduction. Proper maintenance is critical to operating stormwater infrastructure to ensure public safety as well as increase the longevity of the infrastructure's lifecycle. RWMWD's Inspections Prioritization Tool was created in 2022 to standardize the district's facilities (capital improvements) inspection process and prioritization of capital improvements project maintenance items. To accomplish this goal, Barr developed an inspection tool that can be used in the field to identify infrastructure or project sites that should be prioritized for maintenance. In addition, this effort provides more transparency to the public, improves efficiency of the annual inspection process, and reduces risk associated with delaying needed maintenance.

The Inspections Prioritization Tool is an integrated tool for collecting data in the field and prioritization of maintenance needs. The integrated tool includes two ArcGIS applications (Field Maps and Survey123), which enable inspectors to score infrastructure and document notes during annual inspections from an iPad tablet while in the field. The applications use preset forms and inspection questions to identify potential failures or defects for different infrastructure types. The integrated tool also includes a scoring and prioritization spreadsheet, which uses the data collected in the ArcGIS applications to assign scores to and prioritize identified maintenance needs.

## Cost-Benefit Database

RWMWD's cost benefit database is a spreadsheet that serves as an inventory of all the water quality best management practices (BMPs) that have been implemented throughout the District as a result of RWMWD's:

- Permit program
- Stewardship grant program
- Targeted retrofit program, and
- Capital improvement projects.

The impact of each project (sediment, phosphorus and stormwater volume reductions) is included in the spreadsheet, estimated by either water quality models (such as MIDS or P8) or monitoring data. Each project's location is defined by subwatershed, city and lat/long coordinates. Also, the cost of each stewardship grant project, targeted retrofit project and capital improvement project is included, along with each project's "cost/benefit ratio"- the annualized cost of building, maintaining and operating each project compared to the pounds of phosphorus removed by the project each year. A chart of this cost per pound of phosphorus removed across all District projects is regularly shared with RWMWD's Board of Managers to provide context when discussing the cost-effectiveness of future potential projects.

The Cost-Benefit Database is also useful in tracking progress toward TMDL goals: phosphorus and sediment reduction in subwatersheds tributary to impaired lakes. Each year, the cumulative impact of projects in reducing phosphorus loads to Kohlman (now delisted), Wakefield, and Bennett Lakes are compared to each lake's overall TMDL "wasteload reduction" goal to provide context on RWMWD's progress. Likewise, the sediment load reductions to Battle Creek are tracked each year as well using the cost-benefit database spreadsheet.

### **Watershed Approach to Retrofit Projects (WARP)**

RWMWD is continually identifying best management practice (BMP) implementation opportunities throughout the watershed for water quality improvements, flood risk reduction, and natural resources improvements. Typically, water quality improvement project opportunities are retrofit-type projects (i.e., working with existing infrastructure to construct a BMP) identified through several methods, including:

- Subwatershed feasibility studies
- the District's school, commercial, and faith-based sites initiative (Retrofit Program)
- RWMWD partners (e.g., cities, counties, soil and water conservation districts)

In the past, the District has evaluated the resulting potential projects from these methods and implemented those that were deemed feasible for construction. Looking ahead, the District needs a new method for identifying potential project opportunities – specifically water quality improvement projects. In 2022 and 2023, Barr reviewed the history of the District's Targeted Retrofit Program to help inform considerations for future projects. This work considered the 2022 Retrofit Inventory, which resulted in an updated database of over 17,000 properties and GIS maps of constructed and previously considered projects.

In addition to the Retrofit Inventory, Barr staff cross-referenced a variety of tools that have been developed for the District over the last several years. These tools include the Cost-Benefit Database spreadsheet (described above), the Water Quality Project Prioritization tool (Barr, 2020, described below), and the Center for Disease Control's Social Vulnerability Index (CDC, 2022).

In 2024, Barr and District staff considered the intersections between these programs, databases, and methods alongside other district-wide initiatives and base data, such as flood mapping, ecological corridors, impaired and at-risk subwatersheds (Priority Subwatersheds), and more, to systematically inform future water quality retrofit project selection. This new approach is called the "Watershed Approach to Retrofit Projects" (WARP), which represents the integrated approach that the District is taking in this next era of project identification.



## **Water Quality Project Prioritization Tool**

In 2020, as a precursor to the WARP, Barr and District staff developed quantitative and qualitative metrics by which to prioritize projects coming out of subwatershed feasibility studies and other community outreach. These metrics were applied only to projects for which some level of “ground-truthing” and feasibility work had been completed (as opposed to the WARP which is a higher level screening tool). These metrics are grouped into six categories that correspond to each of the six goals in the WMP including:

1. Achieve quality surface water
2. Achieve healthy ecosystems
3. Manage risk of flooding
4. Support sustainable groundwater
5. Inform and empower communities
6. Manage organization effectively

For each goal category, projects are evaluated for several different project criteria that have specific scoring schemes and weights. The scoring schemes are based on thresholds defined from past studies, trends observed in the data aggregation phase, or feedback provided by RWMWD staff. For example, in 2020, one point was given to projects that have a cost per pound of total phosphorus removed of less than \$10,300 but no points were given if the cost benefit is greater than \$10,300 (these thresholds have since been updated to reflect more current data). This threshold was set based on Barr’s review of RWMWD cost share project investments and their cost efficiency at the time (and have been since updated to reflect more current data). Barr assigned weights for each criterion based on discussions with RWMWD staff.

Most of the project criteria have weights of 1 (i.e., no more weight than other criteria); however, several project criteria have larger weights including cost efficiency of total phosphorus removal, longevity of in-lake phosphorus treatment, habitat enhancement or preservation, flood storage potential, and whether the project is within a District Priority Equity Area. Additionally, project criteria related to structural impacts of flooding can have weights lower than one, depending on the frequency of the storm event that starts to impact structures. If a structure is impacted by flooding during a high-frequency event (i.e., 2-year or 10-year storm), a project to reduce the flood risk to that structure would be given a weight that is higher than if a structure is impacted by low-frequency event flooding (i.e., 50-year or 100-year storm).

After the project information is entered into the tool, the score for each criterion is multiplied by its weight. This weighted score is summed for all criteria to calculate the total project score. The tool ranks the projects by their total score in a compiled list. This list can be sorted based on project type (water quality, flooding, or natural resources), by the primary District goal the project is meeting, or by subwatershed.

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# Administrator's Report

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## MEMO

**TO:** Board of Managers and Staff  
**FROM:** Tina Carstens, Administrator  
**SUBJECT:** April Administrator's Report  
**DATE:** May 2, 2025

### A. Meetings Attended

Tuesday, April 1	9:00 AM	Minnesota Watersheds Education Meeting
Wednesday, April 2,	8:30 AM	MAWA Executive Committee
	5:00 PM	Board Workshop
	6:30 PM	Board Meeting
Thursday, April 3	9:00 AM	Water Resources Conference Planning
Thursday, April 10	11:00 AM	Washington County Check-In
Friday, April 11	12:00 PM	Met with President Eisele and Minnesota Watersheds re: remote resolutions meeting
Tuesday, April 15	8:00 AM	Meet and Greet with Justin Hanson, BWSR
	5:30 PM	League of Women Voters Watershed Event
Wednesday, April 16	10:00 AM	Phalen Creek Daylighting Update
Tuesday, April 22	2:00 PM	Metro-INET Quarterly Meeting
Friday, May 2	8:30 AM	Audit Exit Meeting

### B. Upcoming Meetings and Dates

<b>WaterFest</b>	<b>May 31, 2025</b>
June Board Meeting	June 4, 2025
CAC Meeting	June 10, 2025
MW Summer Tour – Roseau River WD	June 24-26, 2025
July Board Meeting	July 9, 2025**

### C. Staff Anniversaries

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

May 1	Ashlee Ricci	1 year
May 11	Lauren Hazenson	5 years
May 21	Shelly Melser	24 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**

For the monthly newsletters, go here: <https://www.mnwatersheds.com/news-letters>.

The Roseau River Watershed District summer tour will be held June 24-25. For more information, click [here](#).

Emily Kamin will email you regarding your interest and a registration deadline, which Emily will take care of for you.

## Board of Managers 2025 Action Log

May 7, 2025

Item	Anticipated Action Date	Means of Action	Completed
Shoreland Assessment Next Steps	WMP 2025	Board Discussion	
PFOS Update	WMP 2025	Presentation and 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	



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# Project and Program Status Reports

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## Memorandum

**To:** Board of managers and staff  
**From:** Tina Carstens, Brad Lindaman, Erin Anderson Wenz, and Brandon Barnes  
**Subject:** Project and program status report: May 2025  
**Date:** April 30, 2025

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**Note:** The location, brief description, and current status of each project described below can be found on the [2025 Ramsey-Washington Metro Watershed District \(RWMWD\) engineering services story map](#).

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### Project feasibility studies

**A. Manufactured homes resilience evaluation (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)**

*This project aims to complete an inventory of manufactured home developments within the RWMWD, identify potential project opportunities to increase resilience to regional flooding, reduce localized flood risk, improve water quality, and connect with developments to provide information on opportunities to improve stormwater conveyance and/or water quality within each development.*

During this period, the RWMWD worked with the Minnesota Pollution Control Agency (MPCA) to finalize the grant agreement. Barr coordinated with the City of Little Canada to obtain the remaining contact information for two of the manufactured home parks within the district. In the coming months, we will begin project identification and collaborate with the RWMWD on outreach to the manufactured home parks. We anticipate that the project will be completed later this year.

**B. Evaluation of compliance with the South Metro Mississippi River total suspended solids (TSS) total maximum daily load (TMDL) (Barr project manager: Tyler Olsen; RWMWD project manager: Eric Korte)**

*This project aims to understand how the Beltline watershed compares to the required categorical waste load allocation from the South Metro Mississippi River TSS TMDL and identify TSS reduction strategies if TSS loading exceeds the maximum areal load.*

During this period, Barr began analyzing existing water quality and flow data through 2024 for the Beltline Interceptor. The data will be used to understand existing TSS loading from the Beltline watershed. TMDL reporting has been delayed again in 2025 due to ongoing development of the MPCA's new reporting system. We will complete the modeling analysis and identify potential reduction strategies this year to prepare for reporting in 2026.

**C. Street sweeping (Barr project manager: Michael McKinney; RWMWD project manager: Paige Ahlborg)**

*This study aims to support the 2025 enhanced street-sweeping grant program.*

In April, Barr helped draft a grant application document created by the RWMWD and provided comments to enable the collection of key data for performance and prioritization tracking. In 2025, we will continue supporting the RWMWD with implementation of the enhanced street-sweeping grant program, including municipal coordination, identification of priorities, and technical analysis.

**D. Interim emergency response plans (non-Beltline areas); (Barr project manager: Gareth Becker; RWMWD project manager: Paige Ahlborg)**

*This project aims to provide information and guidance to cities on how to protect low-lying habitable structures from flooding during the 100-year storm event. These emergency response plans address areas where 1) a feasible project to protect structures has not been identified or 2) a project cannot be implemented soon due to logistical and/or budgeting concerns. This effort is an outcome of the resiliency study.*

During this period, Barr reviewed potentially flood-prone structures in the Tanners Lake, Battle Creek Lake, Battle Creek, Carver Lake, and Fish Creek watersheds. In May, we will prepare figures for emergency flood risk mitigation measures and site-specific modifications that could be implemented to reduce flood risk for habitable structures within the floodplain. Barr anticipates continuing figure development throughout the summer and sharing findings with each city later this fall.

**E. Roseville Central Park flood risk reduction feasibility study (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)**

*This project aims 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.*

Following the March 20 meeting between Barr, the RWMWD, and the City of Roseville, Barr received comments on the feasibility of modifications at specific locations (i.e., utilizing park space for flood storage). Using these comments, we began more detailed modeling to support the development of feasibility-level concepts to reduce flood risk. The evaluation includes 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 because of modifications to the system.

**F. Stormwater model updates (Barr project manager: Michael McKinney; RWMWD project manager: Paige Ahlborg)**

*This project aims to maintain and update the RWMWD hydrologic and hydraulic (stormwater) model in response to updates to best-available information, including recently completed and ongoing stormwater modeling projects.*

During this period, Barr started incorporating the Battle Creek tunnel survey into the stormwater model. Additionally, we began subwatershed review for Highway 36 and organized initial tasks related to future incorporation of the Phalen and Beltline modeling updates, which the City of Saint Paul is completing. During the next period, we will continue incorporating Saint Paul models spanning the Dayton's Bluff area into the RWMWD stormwater model.

## Monitoring water quality/project monitoring

### **G. Annual water quality report assistance (Barr project manager: Tyler Olsen; RWMWD project manager: Eric Korte)**

*This project aims to annually report the status of water quality for RWMWD lakes and streams, including emerging pollutants of concern such as chloride and per- and polyfluoroalkyl substances (PFAS)/perfluorooctane sulfonic acid (PFOS). Monitoring data collected for district treatment systems (best management practices, or BMPs) is also reported to continuously update our understanding of what approaches are or are not working.*

During this period, Barr finalized the 2025 water quality monitoring report and provided a draft to the RWMWD for review. The final report will be included in this month's board packet, and district staff members will present the findings.

### **H. Special-project BMP monitoring (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Eric Korte)**

*This project aims to collect data from and monitor the performance of BMPs throughout the district.*

During this period, Barr and the RWMWD discussed last year's Arbogast CC17 filter performance. Immediately after the filter was first put online, outflows were as expected. As the season progressed, however, outflows decreased, indicating that the surface of the CC17 may be clogged with organic matter or that the drain tile is somehow plugged or otherwise compromised. The RWMWD took the filter offline to drain in mid-April, and Barr and the RWMWD will inspect the filter on May 1.

## Planning

### **I. Watershed management plan update: phase 1 stakeholder engagement (Barr project manager: Greg Williams; RWMWD project manager: Tina Carstens)**

*This project aims to help the RWMWD collect and interpret partner input as the district updates its watershed management plan.*

On April 2, Barr facilitated a second issue identification workshop with the board of managers to understand RWMWD priorities for the plan; the workshop yielded valuable input on issues, format, and accessibility. We also facilitated a workshop on April 22 with the citizen advisory committee to gather similar input on issues to be addressed in the plan. We met with the RWMWD to discuss designs for a map-based online survey that allows participants to share their concerns and favorite resources georeferenced to one or more points; we began developing a draft tool, which the

RWMWD used at an April 26 event and is available [here](#). Next steps include revising the online survey before WaterFest and submitting the draft engagement plan for Minnesota Board of Water and Soil Resources review.

## Lake studies and TMDL reports

### J. 2025 grant applications (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Tina Carstens)

*This effort aims to help the RWMWD in locate and secure funding opportunities that align with its goals and objectives.*

During this period, Barr met with the RWMWD to discuss the 3M PFAS priority 2 grant funding. We prepared two letters of intent for this grant program for the Kohlman Lake alum treatment project and the Fish Creek tributary stream restoration project. These letters were due at the beginning of April. The MPCA will select projects and invite full applications to be submitted in June.

## Research projects

### K. New-technology mini case studies (average of six per year) (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

*This project aims to educate the board and RWMWD staff on new and interesting technologies and design strategies related to water quality improvements and other issues of concern. The information provided is often based on the manufacturer's claims and has not been modeled or tested by the RWMWD or Barr unless explicitly stated.*

#### Biochar



<b>Description</b>	Biochar is a carbon-rich, porous material produced through pyrolysis, which involves heating biomass (organic matter) in the absence of oxygen. This process transforms organic materials, such as agricultural residues or wood, into a stable form of carbon, known as biochar. Biochar can be used as an amendment to filtration media and has been shown to remove E. coli and adsorb heavy metals. It can alter the filtration media structure and enhance infiltration capacity.
<b>Application</b>	Biochar's most common use is as an amendment to filtration media or addition to crop soil. It has been used to control erosion; as animal bedding; and for urban soil repair, wildfire fuel reduction, and renewable energy offsets.
<b>Potential benefits</b>	Biochar can be used as an amendment to filtration media and has been shown to remove E. coli and absorb heavy metals. It can alter the filtration media structure and enhance infiltration capacity. It has been shown to increase crop yield when combined with fertilizer and improve soil water availability. More recently, it has gained attention for carbon sequestration.



<b>Drawbacks</b>	The functionality of biochar depends on its origin and the production process. The contact time necessary for biochar to function at its best, specifically when used to treat E. coli, is unknown. The longevity of its performance, either as a soil amendment or as an enhancement for infiltration, is unknown. Research has shown that biochar can have high phosphorus-leaching potential, which is dependent on the origin of the source material.
<b>Case studies</b>	A gravity-fed pond bench filter located in the Coon Creek watershed uses both biochar and iron as filtration amendments. The case study included a column study before field application to determine which biochar product was the most effective. Another case study in Pleasure Creek included side-by-side pump-based filtration basins, one containing biochar, the other iron. The National Resources Research Institute conducted a study in which biochar was created from locally cleared red pine trees. The red pine biochar did not perform as well as commercially produced biochar, further proving that the source material is critical to biochar function.
<b>Suppliers/contacts</b>	The <a href="#">City of Minneapolis</a> ' biochar facility is set to begin production in summer 2025. This facility will be the first of its kind in North America. Other suppliers include Rogue Biochar, American Biochar Co., and Terra Char.
<b>Conclusion</b>	Not all biochar is created equal; its ability to function depends on the source and the supplier. Gaps in research result in maintenance unknowns, such as how often biochar needs to be replaced or how long it needs to be in contact with the pollutant of concern when designing a system. With the advent of the City of Minneapolis' new biochar facility in 2025, district projects incorporating biochar will be easier to pilot, helping to further knowledge about this material.

The following Minnesota research entities are actively researching biochar:

- [National Resources Research Institute](#) (University of Minnesota)
- [Water Resources Center](#) (University of Minnesota)
- [St. Anthony Falls Laboratory](#) (University of Minnesota)
- [US Biochar Initiative](#)

## Project operations

### L. Lake-level station operation and maintenance and rain gauge installation (Barr project manager: Chris Bonick; RWMWD project manager: Dave Vlasin)

*This project aims to continuously measure and record lake levels and display real-time and historical data in graphs on the RWMWD website for the following lakes: Phalen, Snail, Owasso, Wabasso, West Vadnais, Battle Creek, Tanners, Spoon, and Twin. Operation and maintenance tasks for the lake-level stations and associated webpages continue. Station-specific updates are included below.*

### ***Lake-level graphs***

Ice-out occurred on most of the lakes during the week of March 17. Barr conducted spring lake-level surveys during the week of March 24. We calibrated sensors where necessary and updated the datalogger programs. We also removed the ice conditions note and shading on the district's website graphs, and the graphs now display accurate levels. Two stations are currently out of order. The West Vadnais Lake station sensor is buried in sand, preventing accurate level readings, and will need to be raised. At the Lake Owasso station, the bolts holding the sensor mounting post to the pier were sheared off this winter, causing the sensor to fall into the water and damaging it beyond repair. The RWMWD and Barr will perform maintenance on these stations in the coming weeks.

### ***Tanners Lake station***

The HSA bubbler system has been replaced with a Campbell Scientific radar sensor. During the first few years, the bubbler system experienced repeated issues, mainly due to the long run of the river line (i.e., the airline) into the lake and heavy vegetation around the sensor. The RWMWD and Barr determined that installing a radar sensor inside a stilling well on the lake's shore would be a better option. The new radar sensor has been temporarily mounted on a post that stands in the lake. It will be moved once the stilling well has been constructed in 2025.

### ***New rain gages (Phalen, Tanners, Owasso, West Vadnais, Spoon, Snail, and Twin)***

The RWMWD decided to display data on its website for the rain gages installed last year. The RWMWD and Barr will meet soon to determine display preferences. Subsequently, Barr will incorporate the rain data into the lake-level station graphs/webpages on the district's website.

## **M. Lake-level station forecast integration (Barr project manager: Greg Fransen; RWMWD project manager: Eric Korte)**

*This project aims to develop a tool that analyzes rainfall forecasts and current lake-level information and then recommends when the control structures for Lake Phalen and Keller Creek should be operated. The goal is to develop a tool that can be used to automate the adjustment of the control structures so that the RWMWD does not have to manually monitor rainfall forecasts, and to format the tool so that it can be provided to In Control, Inc. in the future to update the programable controls for the outlets.*

Barr is creating the programming needed to combine real-time RWMWD lake-level monitoring data with National Weather Service 24-hour precipitation forecasts to make recommendations for outlet operations based on the approved operations plan. Over the next few months, we will automate this process and create a method of notifying the RWMWD when outlet operations are recommended. This project is anticipated to continue until fall 2025.

## Capital improvements

### **N. Roosevelt Homes (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)**

*This project aims to develop construction documents for a multi-phase flood management and water quality improvement project at the Roosevelt Homes public housing area in Saint Paul.*

Bids opened for phase 3 on March 25, and the board reviewed and approved the contract at the April meeting. Project contracting has since been initiated, and the preconstruction meeting was held on April 25. Shoreline Landscaping anticipates beginning work the week of May 5 and continuing for approximately eight weeks, depending on the weather.

### **O. Targeted retrofit projects 2025 (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)**

*This project aims to design BMP retrofits on previously identified commercial, school, and faith-based properties in the district, as well as to provide bid assistance and oversee construction.*

BMP retrofits at Cochran Recovery Services and Maplewood Toyota, both in Maplewood, were shared with select bidders for quotes in early March. In April, the board approved contracting for construction, and we anticipate that construction on both projects will begin in May and finish in spring/summer 2025.

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

*This project aims 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.*

Barr reviewed a grant application from the City of Little Canada for a water quality BMP and subsequent expansion of the capacity of the Pioneer Park reuse system. The expansion would likely increase the irrigation demand met by the reuse system and add habitat value to the site. We have received some clarifying questions and await a response.

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

*This project involves final design, plans, and specifications for a stormwater reuse system in Pioneer Park that will reduce the use of groundwater for irrigation as well as phosphorus loads to downstream water bodies.*

During this period, Barr worked with the RWMWD to develop change order 3, which was discussed and approved at last month's board meeting.

On April 23, Barr, the RWMWD, the City of Little Canada, and Peterson met at the site for system startup; however, Peterson needed a plumber to address a leaking joint on a pipe in the pavilion

and add an additional blowout, per a conversation with the city. Peterson has ordered the necessary parts for repair and hopes to complete all work in May, including system startup.

**R. Fish Creek tributary improvements (Barr project manager: Tyler Olsen; RWMWD project manager: Tina Carstens)**

*This project aims to design and implement vegetation improvements around Double Driveway Pond as well as stream stabilization improvements in the Fish Creek tributary upstream.*

During this period, Barr and the RWMWD continued coordinating with the district's legal counsel to review the construction access agreement with Bailey Nurseries. Based on conversations between the RWMWD and Bailey Nurseries, the agreement will likely be signed by the end of May. In the meantime, Barr is advancing plans and technical specifications to the 100-percent level. Barr and the RWMWD outlined a proposed bidding and construction schedule, which will depend on grant funding received for the project. If the MPCA invites the RWMWD to submit a grant proposal for the 3M PFAS funding, the project will likely be delayed to 2026. If funding is not received, the project will be constructed in fall 2025. Barr will prepare the final plans and specifications for bidding this spring, ahead of either schedule outcome.

**S. Cottage Place wetland restoration (Barr project manager: Brendan Dougherty; RWMWD project manager: Paige Ahlborg)**

*This project aims to design and restore a degraded wetland on the City of Shoreview property near the Cottage Place cul-de-sac. The project will involve plans development, bidding, and construction administration to provide additional stormwater treatment and restore wildlife habitat in the area.*

Barr continued coordinating construction activities with Dimke Excavating. We organized and reviewed construction activities related to debris removal, earthwork, and placement of stormwater pipe features. The contractor completed most of the on-site earthwork. Barr reviewed initial grades and will continue coordinating activities to prepare for spring restoration activities.

**T. County Road C culvert replacement (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)**

*This project aims 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, Bituminous Roadways approved the proposed change order 2 for the additional tree clearing. Barr finalized change order 2 and the final pay application with release of retainage, both of which are included in this month's board packet. After approval of change order 2 and the final pay application, the RWMWD will request reimbursement from Ramsey County for the project. The county is funding the construction of the County Road C roadway improvements.

Change order 2 and pay application 3 (final) are included in this month's board packet for the managers' review and approval.

**U. Kohlman Creek improvements (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)**

*This project aims to design multiple flood risk reduction improvement projects 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 developing plans and construction documents to the 100-percent design level. We provided the plan set to Ramsey County Parks, the City of Maplewood, and the City of North Saint Paul for review and comment. All partners provided comments by April 25, and the design team is incorporating them. Additionally, Barr and the RWMWD are coordinating with Ramsey County Parks and North Saint Paul to develop construction access and maintenance agreements. We will request both permitting and bidding approval at the June board meeting, with construction planned for this summer.

**V. Lake Wabasso outlet replacement (Barr project manager: Brandon Barnes; RWMWD project manager: Dave Vlasin)**

*This project aims to design a new outlet for Lake Wabasso. The existing outlet was constructed in 1971 and has reached the end of its design life. Ramsey County determined that the outlet has been leaking beneath the weir wall for several years and that rebuilding the structure is necessary to prevent further seepage. The county requested RWMWD support for a design that both prevents seepage and avoids adverse impacts on floodplain elevations.*

This month, Barr received comments from Ramsey County on the preliminary plans and modified the drawings to address the comments. We also received a request from one of the adjacent property owners to remove the footbridge from the structure. Per discussions with Ramsey County and the RWMWD, the new structure will not include a footbridge across the outlet channel. Barr applied for the Minnesota Department of Natural Resources (DNR) public waters work permit and prepared technical specifications and bidding documents. Next month, we will finalize the contract documents, and we expect to include a request to the RWMWD managers to authorize bidding at the June meeting. We anticipate construction in fall 2025. Ramsey County will reimburse the RWMWD for construction costs once the work is complete.

**W. Kohlman Lake alum treatment (Barr project manager: Tyler Olsen; RWMWD project manager: Paul Erdmann/Eric Korte)**

*This project aims to collect the required information and design an alum treatment for Kohlman Lake in Maplewood.*

During this period, Barr coordinated with the selected herbicide applicator, PLM, on timing and logistics of the curly-leaf pondweed treatment. Additionally, the DNR herbicide application permit was granted. The RWMWD routinely monitored Kohlman Lake temperatures and notified the herbicide applicator when temperatures reached the minimum 50-degree threshold for application. Since the environmental conditions are met, the treatment was scheduled for April 30,

when weather conditions were favorable. At this time, we anticipate an alum treatment in spring 2026.



**PLM prepares to launch its herbicide treatment of Kohlman Lake on April 30, 2025.**

## **Capital improvement plan (CIP) project repair and maintenance**

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

*This study aims to address unplanned and routine maintenance of the RWMWD's existing capital improvement projects that are not included in the annual CIP maintenance and repairs project.*

This project involves ongoing evaluation of sites that may need attention in the current or upcoming CIP maintenance and repair projects. Activities this period included a review of the Wabasso plans for radar sensor installation and associated design, tree replacement analysis and associated specifications for Maplewood Mall, a desktop review and meeting about the potential inclusion of Willow Pond in the City of Roseville's 2026 CIP (PECS program), an underground BMP desktop review for inspections, and the installation of Phalen outlet lubrication/grease fittings. Next month, additional discussions and inspections are planned regarding sites to include in the 2026 CIP project. The annual inspection of all sites will occur in July/August.

### **Y. 2025 CIP maintenance and repairs (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)**

*This effort aims to maintain the RWMWD's existing capital improvement projects.*

During this period, the contractor worked on the Kohlman Lake structure replacement and the PFS basins. Change order 1, which involves adding two new structures to site 13 in Woodbury, will appear in payment application 3 this month. These new structures will address erosion and bring emergency overflows in line with the City of Woodbury's standards. The city requested these structures and will reimburse the RWMWD. Change order 2, which updates the Kohlman Lake plan sheet to clarify the need for pavement protection during structure replacement, will appear this month but involves no cost or schedule change. A modification resulting from improper original



installation at the Woodbury pond (referenced with change order 1) will require additional city funds in the form of change order 3, which will be included in next month's packet. Woodbury has approved this additional change via email. Additionally, change order 3 will include modifications to the structure replacement at Kohlman Lake because of unforeseen complications that arose during removal of the existing structure due to its poor original construction. Payment application 3 is included in this packet. Since little work remains, Barr anticipates payment application number 4 to be the final payment.

**Z. Beltline long-term fix near river outfall (Barr project managers: Joe Welna and Nathan Campeau; RWMWD project manager: Dave Vlasin)**

*This project aims to replace the final approximately 70 feet of the Beltline interceptor adjacent to the Mississippi River that failed in July 2023.*

During this period, Barr helped the RWMWD observe and complete construction, with substantial completion on March 15. Minger, the contractor, continued demobilization of water control measures and began repairs to the Port Authority's deteriorated riverwall tiebacks. We anticipate final completion and punch-list items to be addressed over the next several weeks. Staff sent a letter to the Port Authority requesting a financial contribution to the repairs to the dockwall infrastructure owned by the Port on April 25, 2025.

**AA. Beltline and Battle Creek storm sewer five-year inspection (Barr project managers: Tyler Fincher and Nathan Campeau; RWMWD project manager: Dave Vlasin)**

*This project aims 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.*

During this period, Barr processed and continued drafting a report of the data collected in March. Barr and the RWMWD completed inspections on Battle Creek as well as Beltline inspections and survey, with the exception of two short sections where the flows are currently too high to safely perform the work. The RWMWD is monitoring flows, and when flows are safer, Barr and a televising subcontractor will complete the final two sections.

## Program Updates

**BB. Natural resources update: Paul Erdmann**

**Prescribed Burns** The weather has allowed us to perform several prescribed burns at our managed sites this spring. We've conducted burns at Lake Owasso, Goodrich and Keller Golf Courses, and areas along Keller Creek. Contractors have performed prescribed burns at Kohlman Basin, the Alum Plant, and Tanner's Lake berm. We hope to fit a few more burns in this spring as time and conditions allow.



One steep slope area above Keller Creek, just north of Lake Phalen, was a weedy, buckthorn riddled mess just a few years ago. After several treatments of weeds, buckthorn and removal events, we burned this area and seeded the slope with a “Cover It Up” buckthorn replacement mix using hydromulch. The seed mix consists of quick-growing native grasses, sedges and cover crops that were seeded heavily in an effort to out compete and shade out any emerging buckthorn. If the seed mix establishes well, we hope to conduct a 2<sup>nd</sup> burn in this area this fall to further suppress the buckthorn. Using hydromulch, equipment and staff provided by our Ramsey County partners saved us a lot of time and energy on the steep slope and should help with establishment. We are excited to see how this area evolves



*Keller Creek Slope (T-B) 1. Before 2. Mopping up after burn 3. After installation of seed mix with hydromulch*

**Growing Partnerships** This afternoon we are meeting the City of Woodbury staff to discuss potentially partnering on a restoration project at Tamarack Nature Preserve. We were recently contacted by Ramsey County about potentially converting some turf and no play areas at Manitou Ridge Golf Course in White Bear Lake, similar to the work we have done at Goodrich and Keller. We plan to meet with the County on this in early June.

**New Faces & Hands** Sally and Nick, two of our three 2025 Natural Resources interns started in April. Below are short introductions they provided for the Board. Our third intern, Emma, will be joining us the end of May.

**Sally Herman-** Hi, I’m Sally! I grew up going on and leading wilderness trips at a Girl Scout Camp; I loved being immersed in the outdoors and am very thankful for the confidence and strength I gained on those trips. I’ve been determined ever since then to return the favor by working outside to help protect and restore the natural world. I graduated in 2022 from Macalester College with a degree in biology and a minor in environmental studies. Since graduating, I have been finding my way in the world of natural resources in a variety of seasonal positions, and I continue to love working outside and doing all kinds of





field work. I especially love birds and am easily sidetracked by trying to identify their calls. Outside of work, I like to sing, go line dancing, and hang out with my cat. I am excited to be here at Ramsey Washington and to continue learning as much as I can!

**Nick Olson-** My Name is Nick Olson and I'm a RWMWD-er! I've always found that some of my most meaningful life moments come with the natural environment as the setting, and as such I've felt moved to make it my life's work to be able to conserve and restore. My home park is Lebanon Hills, where I remember biking and hiking the hills with my brother and pretending we lived off the grid! My outdoor recreation bug was further stoked through YMCA Camp Warren, where I was a camper for 5 years, and a Counselor/Trip Leader/Photography Head/Counselor-in-training-leader for 5 years. Additionally, I was fortunate to be able to attend high school at the School of Environmental Studies, which I loved with my whole heart, and addressed my graduating class in 2016 at commencement. After a couple of gap years and a transfer, I graduated from Hamline University with a degree in Environmental Studies and a Minor in Philosophy. After I drove forklift and built 1003 bikes at Erik's warehouse, I've since been working in local government at Ramsey and Anoka Counties, and now, with you! I look forward to serving the community I live in, and making connections with those who make it happen, cheers!



## **CC. Communications and outreach program: Lauren Hazenson and Carrie Magnuson**

### **Youth Education Program**

In April, the Youth Education Program continued its engaging series of classroom and outdoor activities, connecting students with watershed education through seed planting, transplanting, field trip preparation, and habitat restoration.

### **Farnsworth Aerospace Elementary School (April 8 and 9)**

Students across three 4th-grade classes and one 3rd/4th-grade split class, for 108 students total, participated in a field trip pre-lesson. Teachers Kia Thor, Paul Teske, Malina Xiong, and Sara Young facilitated this preparation for their upcoming Keller Lake visit. Students learned about the history of habitat loss since pre-European settlement, the ecological benefits of native plants, and the role of plants in filtering stormwater and mitigating flooding. They also participated in a birdwatching and nature hike activity, where they learned to identify birds by silhouette, beak and foot shape, and markings. Each student had a chance to use binoculars, building excitement for their field experience.

### **Central Park Elementary School**

Staff facilitated a schoolyard rain garden cleanup involving four 5th/6th grade classrooms and 120 students. Led by teachers Anders Johnson, Malaya Merriwether, Rachael Johnson, and Carly Heras,

and supported by volunteers Gary Nelson (CAC) and GreenCorps Cooper K., students used garden tools to clear out previous year's plant material. During the activity, students discovered a nesting mallard duck and a rabbit den, sparking spontaneous discussions about habitat and wildlife. The effort resulted in the removal of roughly 25 contractor bags of yard waste.

#### **American Indian Magnet School (April 17)**

I completed Phase 3 of the seed curriculum on April 17 with 48 5th-grade students across two classes. RCMG volunteers Lloyd Waithe and Shannon Nelson guided students through transplanting seedlings into 4-pack containers. Meanwhile, students rotated into an art session to design entries for the annual Seed Packet Art competition. Winning submissions from each school will be printed on native seed packets distributed at public events. All artwork will be displayed at WaterFest. Teachers may arrange for students to plant seedlings on site, or students may take them home; any extras will be collected for redistribution.

#### **L'Etoile du Nord French Immersion School**

In Mme. Nelson's 3rd-grade science class, led by Mme Henriette Ngo-Bissoy, about 20 students began Phase 3 transplanting and seed art activities. Participation was limited due to MCA testing, but Mme Swan's class is scheduled to complete the planting later. Volunteers Kelly Jones Hicks, Gretchen Hatch, and Laurie Holmberg assisted. Later that day, 33 5th graders from Mme Scholl's class took a walking field trip to the East Side Boys & Girls Club. Guided by volunteers Stuart Knappmiller, Bette Danielson, and Bill Brian, students used garden tools to clean out pollinator and sidewalk gardens. Others tackled litter removal, contributing to both environmental stewardship and beautification of the site.

#### **Lionsgate Academy (April 24 and 29)**

Five 9th–11th grade classes participated in Phase 3 seedling transplanting and seed art activities, supported by RCMG volunteers Jayme Nevertton, Melissa Tallman, and RWMWD staff Jule Miley. Students carefully moved seedlings from trays to larger containers while also expressing their creativity through art.

#### **St. Peter Catholic School (April 30)**

We wrapped up the month's youth education programming with one 4th-grade class (22 students) led by teacher Michele Klein. Volunteers Brenda McCollough, Melissa Tallman, and Mary Jetter facilitated the Phase 3 transplanting and seed packet art activity.

#### **Adult Education & Outreach Program (April 22)**

At Harmony Learning Center, three classes of adult English Language Learners (approximately 64 students) took part in the Phase 3 transplanting and seed art activity. Teachers Christopher Mester, Eileen Reuss, and Rita Bulger coordinated the effort alongside RCMG volunteers Roberta Delfun, Linda Koopmans, and Lloyd Waithe, as well as Harmony volunteer and CAC member Randee Edmundson. Adult students transplanted seedlings and created original artwork for the Seed Packet Art contest, following the same structure used with K–12 students.

#### **Management Plan Engagement**

- **CAC Workshop**

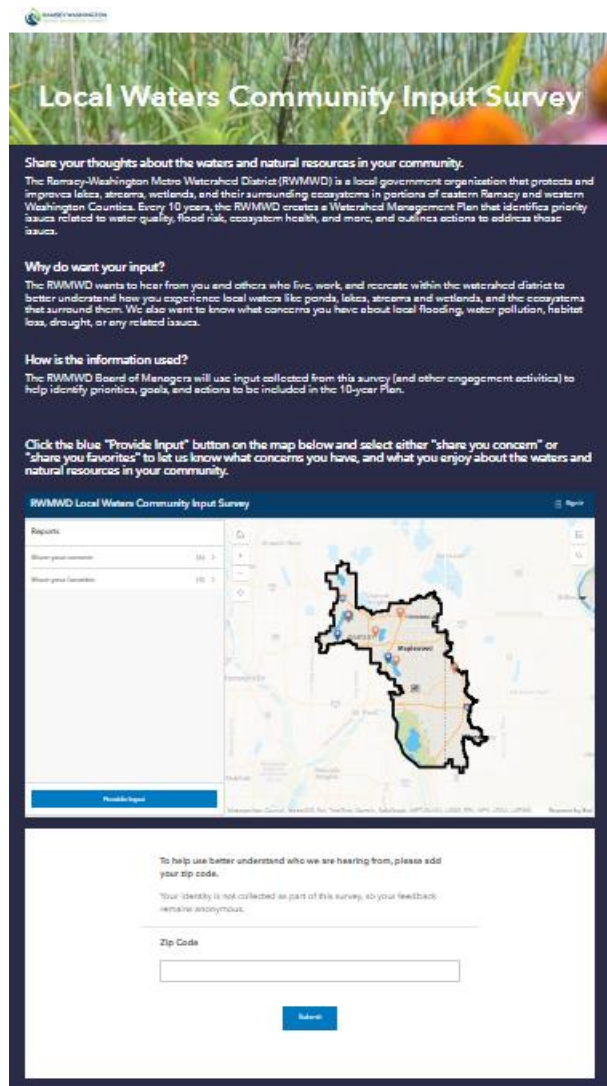
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On April 22, Barr and RWMWD staff facilitated a management plan issue identification workshop for CAC members. They covered nine issue areas in rotating discussion groups. Notes from the workshop will be compiled and used as part of the content to be considered in future planning sessions.

- **Zan Associates**

Lauren is working with Zan Associates to send out invitations to community stakeholders who represent faith communities, a community or cultural organization, city staff in the priority area, and educators who work in the target area for this engagement work.



- **Public Kickoff**

Barr and RWMWD staff began planning the activities and staffing for the management plan public kickoff, to be held in an open house format inside the pavilion at WaterFest. We will conduct a planning meeting with board volunteers to finalize the layout and schedule for the kickoff.

### **Community Engagement Survey Development Update**

Staff completed an initial draft of a map-based survey designed to collect location-specific public input on issues such as water quality, flooding, habitat loss, and erosion. The survey also invites users to highlight valued features of local water bodies, including recreational uses and wildlife benefits.

To assess usability, both web-based and paper versions were tested by staff and volunteers at the Eco Fair and Earth Day Celebration on April 26. Feedback gathered during these events was compiled and shared with Barr Engineering to inform final refinements to the survey and its associated landing page ahead of the WaterFest management plan kickoff.

### **50<sup>th</sup> Anniversary Planning and Watershed Week**

#### *50<sup>th</sup> Anniversary*

The branding staff team reviewed potential anniversary celebration swag for attendees. The event staff team finalized the food truck selection, discussed tent rental, alternative artist activities, and music.

#### *Watershed Week*

#### **Bike Tour**

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Cooper, Lauren, and Pat met to finalize the bike tour route, discuss volunteer roles and job descriptions, and review event logistics. The bike tour will take place on Sunday, August 3<sup>rd</sup>, with a morning and afternoon tour to keep group sizes manageable and ensure cyclist safety. A volunteer request to the board and CAC will be sent before WaterFest to ensure adequate staffing for each tour shift.

### **National Night Out**

Lauren and Carrie met with Koreena Moua from Eastside Boys and Girls Club, and covered planning considerations for an expanded National Night Out booth. Cooper and Lauren will attend neighborhood planning meetings held by the Boys and Girls Club as a part of this planning process.

### **Trivia Night**

A partnership grant program would create community buy-in to adopt water friendly practices, increase our visibility in target areas and audiences, and has a track record of success at another watershed.

### **Family Fishing Day**

Lauren met with Landfall staff to discuss potential dates for a fishing day activity at the city pier. Cooper is following up on two potential dates with staff and is also coordinating with Let's Go Fishing on event planning. Let's Go Fishing is

### **WaterFest**

#### **Artist Market and adapting to construction**

To our excitement, the new artist market section at the south end of the festival was quickly filled by local artist vendors, representing a range of mediums and price points in the fifteen-booth space. In addition to providing an opportunity for community participation in the festival, the market also adds another attraction to the occasionally quiet section of the grounds. We also expanded artist-led activities to three, which will be stationed at the WaterFest main entrance near the pavilion.

The planning team has faced a particular challenge this year: road construction. With much of Highway 61 and East 7<sup>th</sup> street near Lake Phalen closed until 2026, our team needed to adapt our parking, shuttle bus routes, marketing plan, and promotional sign placement. Fortunately we were able to adapt quickly to minimize impact to attendee numbers or their festival experience.

#### **Additional Staff Activities**

- 3/12/25 – Watershed Partners Meeting
- 3/12/25 – Blue Thumb Partners Meeting
- 3/19/25 – Watershed Partners Steering Committee meeting

- **Newsletter**

Opens: 49.8%

Clicks: 1.8%

Audience: 1,682



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- **Social Media (Facebook, YouTube, Instagram, LinkedIn)**

**Facebook**

Reach: 12, 374

Engagement (likes, shares): 88

Followers: 1,744

**Instagram**

Reach: 2,260

Engagement: 24

Audience: 988

**YouTube**

Views: 2,146

Watch time (hours): 64.6

Subscribers: 365

Viewers: 1,700 ( approx.)

**LinkedIn**

Reach: 47

Audience: 494

**DD. Citizen Advisory Committee (CAC): Carrie Magnuson**

The Citizen Advisory Committee met on April 22<sup>nd</sup>, 2025, at 6:30 pm at the RWMWD office, and Zoom

In attendance were 13 CAC members & 2 staff members, 2 Board of Managers, and 2 BARR Engineering Staff. The following initiatives were discussed and further developed

**1. Management Plan Workshop**

a. Staff at Barr Engineering and RWMWD facilitated an input gathering workshop similar in structure to the Staff and the Board of Managers input gathering workshop.

**2. Outreach & Engagement Volunteer Program**

a. General volunteer opportunities: CAC will have an opportunity to volunteer at a variety of events being held this month as well as throughout the year. These include (but not limited to)

- Environmental Center Open House (4/24/25) – Stuart Knappmiller
- Oakdale Eco Fair (4/26/25) – Cliff Aichinger & Rachel Finberg volunteered
- Roseville Earth Day Event @ Harriet Alexander Nature Center (4/26/25) – Megan Taylor volunteered.
- WaterFest (5/31/25)
- Watershed Week (August 3-9)
- RWMWD 50<sup>th</sup> Anniversary events (TBD)

b. Earth Day Cleanup with the East Side Boys & Girls Club: on Wednesday 4/30/25, CAC members met with staff and students from the East Side Boys & Girls Club (ESBGC), as well as three District Council members and the son of the namesake to Sackett Park

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(adjacent to ESBGC). Adults and youth grouped up to collect over 20 bags of trash from the park and ESBGC property.

Future meetings: June 10<sup>th</sup>, September 23<sup>rd</sup>, October 28<sup>th</sup>, December 2<sup>nd</sup>