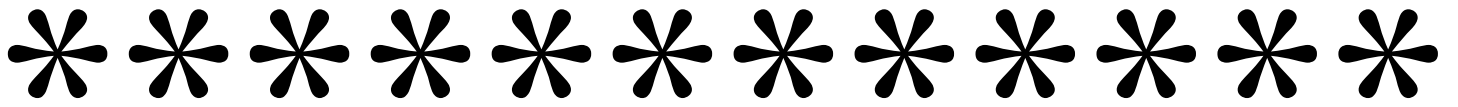


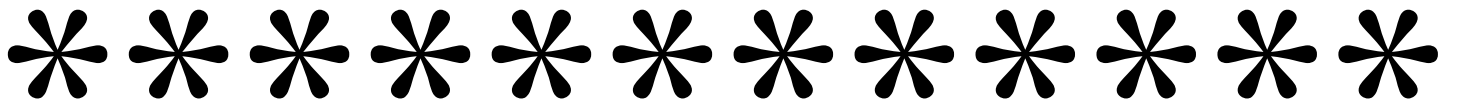


RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

September 2024 Board Packet



Agenda





Regular Board Meeting Agenda

Wednesday, September 4, 2024

6:30 PM

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

1. Call to Order – 6:30 PM
2. **Approval of Agenda (pg. 3)**
3. **Consent Agenda: To all be approved with one motion unless removed from consent agenda for discussion.**
 - A. Approval of Regular Meeting Minutes August 7, 2024 (pg. 7)
 - B. Treasurer's Report and Bill List (pg. 15)
 - C. Permit Program
 - i. 24-40 Main Event, Woodbury (pg. 30)
 - ii. 24-42 Woodbury Middle School Renovation, Woodbury (pg. 35)
 - iii. 24-43 Top Golf, Woodbury (pg. 42)
 - iv. 24-45 Goodrich Golf Course Cart Path Replacement, Maplewood (pg. 46)
 - D. Stewardship Grant Program
 - i. 24-43 CS Schwantes (pg. 51)
 - ii. 24-44 CS Anderson (pg. 53)
 - E. Woodbury Target Store Project (Peterson Companies) – Change Order No. 1 (pg. 55)
4. Visitor Comments (limited to 4 minutes each)
5. Permit Program
 - A. Applications
 - i. **24-41 Woodbury WTP Woodlane-Hargis Parkway, Woodbury (pg. 61)**
 - ii. **24-44 MnDOT Hwy 61 – Arcade/7th Street, St. Paul and Maplewood (pg. 70)**
 - B. Enforcement Action Report (pg. 77)
6. Stewardship Grant Program
 - A. Applications – see consent agenda
 - B. Budget Status Update (pg. 81)
7. Action Items
 - A. **2025 Preliminary Budget and Levy Public Hearing (pg. 83)**
 - i. **Approval of 2025 Preliminary Budget and Levy Certification to Ramsey and Washington Counties – Resolution 24-03**
8. Attorney Report
9. Board Discussion Topics
10. New Reports and/or Presentations - NONE
11. Administrator's Report (pg. 105)
 - A. Meetings Attended
 - B. Upcoming Meetings and Dates

Board Meeting Agenda

- C. Staff Anniversaries
 - D. Board Action Log
 - E. Minnesota Watersheds Updates
12. Project and Program Status Reports (*pg. 109*)
- Project Feasibility Studies*
 - A. Ames Lake Area Flood Risk Reduction Planning Study
 - B. Phalen Village Flood Risk Reduction
 - C. Resiliency Study for Non-Beltline Tributary Areas
 - D. Maplewood Mall 2024 Assessment
 - E. Watershed Approach to Retrofit Projects
 - F. Tanners Lake, Battle Creek Lake, and McKnight Basin Outlet Operation Plan
 - Watershed Management Plan Update*
 - G. Watershed Management Plan Update Scoping
 - Research Projects*
 - H. New Technology Mini Case Studies
 - Project Operations*
 - I. Lake-Level Station Maintenance and Rain Gauge Installation
 - Capital Improvements*
 - J. Woodbury Target Store Stormwater Retrofit Project
 - K. Roosevelt Homes
 - L. Targeted Retrofit Projects 2024
 - M. Pioneer Park Stormwater Reuse
 - N. Double Driveway and Fish Creek Tributary Improvements
 - O. Cottage Place Wetland Regeneration
 - P. County Road C Culvert Replacement
 - Q. Kohlman Creek Flood Risk Reduction Projects: Final Design
 - CIP Project Repair and Maintenance*
 - R. Routine CIP Inspection and Unplanned Maintenance Identification
 - S. 2024 CIP Maintenance and Repairs Projects
 - T. Beltline Mississippi Branch Outfall Replacement Project
 - Program Updates*
 - U. Natural Resources Program
 - V. Public Involvement and Education Program
 - W. Communications and Outreach Program
13. Manager Comments and Next Month's Meeting
14. **Adjourn**



RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

NOTICE OF BOARD MEETING

Wednesday, September 4, 2024

6:30 PM

Hybrid Meeting: In-Person and Web Conference

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

To access the meeting via webcast, please use this link: <https://us02web.zoom.us/j/89245503880>

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 **892 4550 3880**. The meeting password is **437329**. If you have any questions, please contact Tina Carstens at tina.carstens@rwmwd.org.



Consent Agenda





**Ramsey-Washington Metro Watershed District
Minutes of Regular Board Meeting
August 7, 2024**

The Regular Meeting of August 7, 2024, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, and via Zoom web conferencing at 6:30 p.m. A video recording of the meeting can be found at <https://youtu.be/6akHDVA4QG0>. Video time stamps included after each agenda item in minutes.

PRESENT:

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

ABSENT:

ALSO PRESENT

Staff:

Tina Carstens, District Administrator
Paige Ahlborg, Assistant Administrator
Nicole Maras, Regulatory Program Manager
Ashlee Ricci, Grant Program Specialist
Kendra Kloth, Inspections Intern
Mary Fitzgerald, Regulatory Specialist
Dave Vlasin, Project Coordinator
Paul Erdmann, Natural Resources Program Manager
Mia Collazo, Water Monitoring Intern

Consultants:

Laurann Kirschner, Attorney for District
Brandon Barnes, Barr Engineering
Tyler Olsen, Barr Engineering

Visitors:

Magdy Rabeaa, Resident
Amanda Kieffer, TKDA
Cara Jung, TKDA
Amar Subramanian, Resident

1. CALL TO ORDER

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

2. APPROVAL OF AGENDA (1:32)

No comments.

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

Motion carried unanimously.

3. CONSENT AGENDA (1:50)

- A. Approval of Minutes from July 10, 2024
- B. Treasurer's Report and Bill List
- C. Permit Program
 - i. 24-38 3M Building 209 Demolition, Maplewood
- D. Stewardship Grant Program
 - i. 24-36 CS Rabeaa
 - ii. 24-38 CS Pham

iii. 24-41 CS Rowe

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

Motion carried unanimously.

4. VISITOR COMMENTS (2:57)

No comments.

5. PERMIT PROGRAM (3:04)

A. Applications

i. 24-39 Xcel St. Paul Service Center, St. Paul

Nicole Maras provided details on application 24-39 Xcel St. Paul Service Center. Nicole explained that the parcel is located on The Heights redevelopment site and this is part of continuing development at the site while other phases of construction are ongoing. Nicole provided more details on the site location and development plans, noting that the service center would include fleet parking, vehicle storage and an office component. Nicole stated that Xcel is proposing filtration due to poor soils on the site. Nicole went on to provide more details of the site noting that there is a steep slope and stated that it is an interesting site due to its grade. Nicole explained that the proposal includes underground and above ground filtration to meet District requirements. Nicole stated that Xcel is requesting a variance from the district freeboard requirement for the reasons included in the memo.

President Eisele asked for clarification on the reference of drainage pathways pushing to district owned areas.

Nicole Maras stated that the reference is talking about the St. Paul Port Authority and not the watershed district. Nicole explained that they are planning to construct a high number of BMPs throughout the site for shared areas with the understanding that subsequent private development would also need to meet stormwater requirements on their own. Nicole stated that this is why Xcel proposed stormwater treatment, noting that the swales from the previous permit will also treat roadway runoff. Nicole explained that the BMPs would be under the control of the City of St. Paul and it would be expected that Xcel maintains their own parcels unless other arraignments are planned.

Manager Wang questioned how frequently freeboard variance requests occur.

Nicole Maras explained that a freeboard variance is not a common occurrence.

Brandon Barnes confirmed that freeboard variances are not a frequent occurrence. Brandon explained that due to the unique nature of the site, having more than 40 feet of fall along a single parcel, and the overall topography restricts where BMPs can be located. Brandon explained the items that were looked at while reviewing the site with the applicant and explained how those constrictions affect BMP locations and provided more information on the site and the discussions that were had with the applicant.

Manager Karp questioned if the District would hold any liability due to the waiver.

Laurann Kirschner stated that if a permit is granted with a freeboard variance and negative consequences arose it may not be affirmative liability on the District but it would not be something the District would want to grant without proper reassurance that there would not be a negative impact on the District.

Nicole Maras stated that a freeboard variance was granted in 2019 where a memo was signed by the landowner and proposed something similar with the variance being requested for this permit.

Laurann Kirschner agreed.

Manager Gernes requested more information on the operation and maintenance plan and questioned if it would come back to the board for review due to the special provisions.

Tina Carstens stated that the permit would not be given until those special provisions are approved by staff but it would not come back to the board.

Nicole Maras explained that reviewing the operations and maintenance plan is also included in the permit close out process. Nicole stated that if there are design changes from what was originally approved it is made sure that the most accurate information is available to the District for future inspections. Nicole explained that the plan is checked to make sure the operations and management plan created when the permit is issued is still consistent with what was constructed.

Manager Gernes questioned if the permittee is required to provide reporting to the District that maintenance is happening and wondered if it is part of the approved operations and management plan.

Nicole went to explain that there is an operations and management plan as well as a signed legal agreement that specifies what the owner shall do with regards to inspection and maintenance on their end, noting the agreement also allows District staff to complete inspections of the infrastructure and maintenance reporting.

President Eisele stated that he believed it should be kept consistent with other freeboard mechanisms noting that a way should be found to ensure that Xcel is knowingly submitting and taking on this type of responsibility. President Eisele stated that it would be important to get an extra signature from a liability standpoint.

Amanda Kieffer stated that she would need to talk to Xcel's legal team, noting that the biggest concern would be timing. Amanda explained that it would be easier to have one document for additional agreement signatures included in the operations & maintenance plan. Amanda also noted that Xcel is aware that there will be BMPs installed above the elevation of their site.

Laurann Kirschner stated that it could be added to the stormwater maintenance plan agreement. Laurann noted that she would want to see an indemnification and release for any negative outcomes resulting from the variance approval.

Motion: Manager Gernes moved, Manager Wang seconded, to approve permit 24-39 Xcel St. Paul Service Center, St. Paul with the indemnification provision added in favor of the district.

Motion carried unanimously.

B. 2024 Inspector Intern Summary, Kendra Kloth

Nicole Maras provided an introduction to Kendra Kloth's 2024 inspector internship presentation. Nicole stated that Kendra had been completed inspection work within the regulatory program throughout her internship. Nicole noted that Kendra will be moving into a permanent position at the District as the Regulatory Technician.

Kendra Kloth provided details of the work she completed during her internship with the District. Kendra explained that her two main responsibilities were construction site inspections and closed permit BMP inspections. Kendra provided details of her work on active construction permit sites, noting that there were 17 sites located across the district that she inspected during her internship. Kendra explained that she would inspect active permit sites on a bi-weekly basis and would look at their erosion and sediment control practices, stormwater management, monitored inlet control, opener control, soil stabilization and permanent BMPs installed on site. Kendra stated that the other aspect of her job was to complete closed permit BMP inspections, where she inspected permanent above ground BMPs installed from 2000 – 2009. Kendra discussed the additional opportunities she had throughout her internship which included shadowing other departments, participating in community events, volunteering, completing underground inspections,

additional training and wetland delineation reviews. Kendra ended her presentation by stating that she was happy to be a part of the important and rewarding work being done at the District.

President Eisele stated that he appreciated the information and enjoyed seeing the work District staff does day in and day out, noting that it is not a perspective that the Board got to see regularly.

C. Monthly Enforcement Report

Nicole Maras provided a review of the monthly enforcement report. Nicole noted that there was one staff approved residential permit in July. Nicole provided information on the staff approval process. Nicole highlighted the inspection of The Heights completed by Mary Fitzgerald and shadowed by Manager Wang.

Manager Wang provided information on her experience shadowing the Heights inspection. Manager Wang stated that she learned a lot and was thankful to be able to shadow the inspection.

Manager Gernes asked if site inspections are scheduled ahead of time.

Mary Fitzgerald explained that larger site inspections are scheduled due to consultants being involved. Mary stated that smaller sites are inspected every other week but they are not scheduled.

6. STEWARDSHIP GRANT PROGRAM (41:12)

A. Applications – See consent agenda

B. Budget Status Update

Ashlee provided an overview of the budget status report noting the staff approved projects.

7. ACTION ITEMS (47:26)

A. Fish Creek Tributary Permanent Easement Acquisition

Tyler Olsen provided an overview of the work completed on the Fish Creek Tributary permanent easement acquisition. Tyler stated that over the last month appraisals had been received and reviewed at the staff level. Tyler explained that the next step would be getting approval for the acquisition, noting that after approval Laurann Kirschner would draft purchase agreement documents and discussions would be had with land owners.

President Eisele requested more information on the phrasing ‘without the offer of compensation’ in regards to Bailey’s Nursery property.

Laurann Kirschner clarified that it meant the district would not be paying Bailey’s Nursery for the easement. Laurann explained that this was due to the easement being a small area on the property, noting that the appraiser stated that the easement would not negatively impact the property value.

President Eisele questioned what it would mean if damage was done to that area.

Laurann Kirschner stated that the easement will say that any work completed by the District would be the District’s responsibility.

Manager Gernes questioned if the easement would carry over if the Bailey’s Nursery property were sold.

Laurann Kirschner explained that the easement would carry over to any new property owners, noting that the easement runs with the land.

Motion: Manger Kramer moved, Manager Karp seconded to authorize staff to pursue the acquisition of the permanent easements across the three single-family residential properties within the project boundary and with Bailey's Nurseries.

Motion carried unanimously.

8. ATTORNEY REPORT (53:09)

Laurann Kirschner provided details of the work completed by the attorney's office over the last month. Laurann highlighted the completion of the appraisals for the Fish Creek easements as well as working on the Woodbury Target contractor transition.

9. BOARD DISCUSSION TOPICS (55:02)

President Eisele asked if the Board would be interested in finding ways to engage in accelerated learning opportunities. President Eisele stated that in the past he found tours to be very insightful and helpful and would like to find ways to connect and learn. President Eisele stated that he would work with Tina Carstens on what that would look like as well as creating a proposal.

Manager Gernes stated that he thought it would be a good idea and said that he would welcome more learning opportunities.

Tina Carstens stated that she would be happy to help explore this idea.

10. NEW REPORTS AND/OR PRESENTATIONS

A. 2025 Budget Discussion (58:46)

Tina Carstens gave an overview of the preliminary 2025 budget. Tina provided details of the line items included in the preliminary budget and discussed how that information is used to create the budget.

Manager Kramer stated that he would like to see options to reduce the proposed levy.

Tina Carstens explained that the preliminary budget included what the District would like to complete in 2025 as well as carry over estimates. Tina noted that there is a grant decision that the District is waiting on and explained that receiving the grant would significantly change the levy requirement. Tina explained that if the District does not receive the grant the Board would need to discuss if the District should move forward with the project.

Manager Wang questioned if there is a change in the communication process if the levy remains the same as the previous year.

Tina Carstens explained that discussions are had with cities and the counties with explanations being provided for the levy amount.

President Eisele asked if it would be possible to see a range of options that shows prioritization of projects and levy amounts associated with the prioritization list.

Manager Gernes noted that he saw shifting in the way things are budgeted and wondered what was causing that.

Tina Carstens explained that the shifting was done to further refine the budget, noting there were no significant changes.

President Eisele expressed appreciation for the clarity provided within the preliminary budget.

Tina Carstens stated that she will work with Laurann to produce the public notices for the Pioneer Press and District website.

B. Watershed Approach to Retrofit Projects (WARP) Update Presentation (1:10:15)

Tyler Olsen provided an introduction to the WARP update presentation stating that he would review information on the District's approach to retrofit projects in the past, inventory completed on the retrofit projects in 2023, what WARP is, what methodology was used to create the approach, the heat mapping that was developed from WARP and the pilot use of the framework of identifying retrofit projects for 2025. Tyler explained that the previous approach to finding retrofit projects which included looking at schools, commercial and faith-based organizations, with evaluations of those sites starting at the beginning of 2013. Tyler noted that over 17,000 sites were identified and a grade of A-D were given to those sites with emphasis on cost-effectiveness and water quality improvements. Tyler stated that subwatershed feasibility studies were completed to identify impaired and at-risk subwatersheds. Tyler provided details on how the sites were prioritized, noting that a new tool was created in 2021 to rank potential water quality projects based on criteria that aligned with watershed goals such as achieving quality surface water, managing flooding risks, informing and empowering communities and achieving a healthy ecosystem. Tyler noted that the tool did require project information that is often not available until the design phase is completed. Tyler went on to provide more detail on the work Barr had completed to evaluate past retrofit opportunities, either constructed or evaluated, and mapping the parcels to create a tool to track data. Tyler explained that since the more apparent projects had been completed the goal was to find new projects that align with the Watershed Management Plan and incorporate equity and climate resiliency as well as taking a holistic approach to water quality projects. Tyler stated that this was all taken into consideration when creating the WARP methodology. Tyler reviewed the steps of the WARP methodology including gathering and mapping data, mapping parcels, hosting workshops with RWMWD staff to identify data for scoring, developing scoring metrics, heat mapping to show priority areas and pilot studies which included site visits for potential projects. Tyler detailed how data and parcels were gathered and mapped, noting that the four data layers used were water quality, flooding, natural resources and social vulnerability. Tyler stated that some of the initial data layers included county parcel data, Atlas 14 inundation and impacted structures at both the 100-year and 10-year, social vulnerability index, native plant communities and impaired or at-risk subwatersheds. Tyler went on to discuss a workshop completed with District staff in March 2024 and provided details of that workshop. Tyler continued on to provide more details on the scoring metrics developed for each data layer and stated that they performed spatial analysis using GIS data for each parcel and applied the scoring metrics as well as creating an overall WARP score. Tyler noted that this is done to screen sites and not for prioritization.

President Eisele questioned if the parcel owner's willingness to participate fits into the prioritization.

Tyler Olsen confirmed that the owner's willingness is included in prioritization. Tyler continued on to detail the heat mapping created based on the standard deviation of the total WARP scores. Tyler noted that hot spots included high impervious commercial and industrial areas as well as areas with natural flooding. Tyler stated that this was also used to confirm that past projects would have high WARP scores.

President Eisele questioned if there were areas seen that were surprising to see when compiling the maps.

Paige Ahlborg stated that there weren't any surprising areas and noted that it did validate projects that have been completed in the past such as the work done at Aldrich Arena.

Tyler went on to provide details of the pilot study. Tyler stated the top 100 parcels were reviewed with RWMWD staff and site visits were performed in July. Tyler noted that the site visits included talking with property owners and identifying potential BMPs. Tyler stated that the viability of the sites was confirmed against WARP and were entered into the prioritization tool. Tyler provided information on the top four sites identified using the WARP methodology.

Manager Gernes questioned if there had been an effort to categorize WARP findings from a budget stand point or if it would be best done once the project gets to the feasibility design phase.

Tina Carstens explained that when site visits occur and interest is shown from landowner's, discussion would be had on whether the project category is flood, water quality or natural resources and then the project would be funneled through the that program's funding.

Tyler went on to discuss the next steps which included tracking pilot site visit information in the retrofit inventory web map, creating a technical memo summarizing WARP and annual WARP updates to check against updates to the watershed management plan, new data, scoring criteria, property follow ups as well as working through the list and creating projects for the future.

11. ADMINISTRATOR'S REPORT (1:36:06)

A. Meetings Attended

No comments.

B. Upcoming Meetings and Dates

Tina Carstens reviewed the upcoming meetings and dates.

C. Staff Anniversaries

No comments.

D. Board Action Log

No comments.

E. Minnesota Watersheds Updates

No comments.

F. Staff Updates

No comments.

12. PROJECT AND PROGRAM STATUS REPORTS (1:41:28)

Project Feasibility Studies

A. Ames Lake Area Flood Risk Reduction Planning Study

B. Phalen Village Flood Risk Reduction

C. Street Sweeping

D. Maplewood Mall 2024 Assessment

E. Watershed Approach to Retrofit Projects

Project Operations

F. Lake-Level Station Maintenance and Rain Gauge Installation

President Eisele questioned how solar would come in to play with the lake monitoring setups.

Dave Vlasin stated that they are all hooked up to power and he had not heard any updates on adding solar. Dave noted that it would be important to make sure there were no potentials for outages when looking at adding solar. Dave explained that he does know of other areas where solar is being utilized in locations where they feel it is fairly safe to use, such as the sand filter near Costco. Dave stated that the District has had solar installations disappear over the years.

Tina Carstens stated that some of the monitoring equipment also utilizes solar power and it would be considered in locations where it made sense.

Manager Wang questioned how the technology used compared to other watershed districts in the Twin Cities.

Tina Carstens explained that there are not a lot of watersheds with a similar level of infrastructure for lake level monitoring.

Brandon Barnes explained that some have infrastructure for rain gauges but the District does have a larger number of lakes being monitored.

Capital Improvements

G. Woodbury Target Store Stormwater Retrofit Project

Manager Gernes asked if things are still on schedule for this project with the recent contractor transition.

Paige Ahlborg explained that it is still on an acceptable schedule.

Dave Vlasin stated the goal for completing the project is September 1.

H. Roosevelt Homes

I. Targeted Retrofit Projects 2024

J. Stewardship Grant Program

President Eisele asked if there were any updates on the Woodland Hills Church project after the findings at the start of the project.

Paige Ahlborg stated that the vault that was located will be filled and left in its current location. Paige stated that the contractor is on site working to complete the project.

K. Pioneer Park Stormwater Reuse

L. Fish Creek Tributary Improvements

M. Cottage Place Wetland Restoration

N. County Road C Culvert Project

O. Kohlman Creek Flood Risk Reduction Projects: Final Design

CIP Project Repair and Maintenance

P. Routine CIP Inspection and Unplanned Maintenance Identification

Q. 2024 CIP Maintenance and Repairs Project

R. Beltline Mississippi Branch Outfall Replacement Project

Program Updates

S. Natural Resources Program

President Eisele stated that he appreciated Paul Erdmann's summary of the Phalen paper "Urban Lake Shoreland Restoration – Landform, Vegetation, and Management Assessment 20 Years Later"

T. Public Involvement and Education Program

U. Communications and Outreach Program

13. MANAGER COMMENTS AND NEXT MONTH'S MEETING (1:49:36)

No comments.

14. ADJOURN

Motion: Manager Gernes moved, Manager Kramer seconded, to adjourn the meeting at 8:19 p.m. Motion carried unanimously.

RWMWD BUDGET STATUS REPORT

Administrative & Program Budget

Fiscal Year 2024

8/31/2024

Budget Category	Budget Item	Account Number	Original Budget	Budget Transfers	Current Month Expenses	Year-to-Date Expenses	Current Budget Balance	Percent of Budget
Manager	Per Diems	4355	\$7,000.00	-	-	-	\$7,000.00	0.00%
	Manager Expenses	4360	3,000.00	-	-	-	3,000.00	0.00%
Committees	Committee/Bd Mtg. Exp.	4365	4,000.00	-	-	662.26	3,337.74	16.56%
Sub-Total: Managers/Committees:			\$14,000.00	\$0.00	-	662.26	\$13,337.74	4.73%
Employees	Staff Salary/Taxes/Benefits	4010	2,000,000.00	-	224,422.02	1,285,989.35	714,010.65	64.30%
	Employee Expenses	4020	10,000.00	-	479.92	3,382.43	6,617.57	33.82%
	District Training & Education	4350	75,000.00	-	8,909.97	26,210.16	48,789.84	34.95%
Sub-Total: Employees:			\$2,085,000.00	\$0.00	233,811.91	1,315,581.94	\$769,418.06	63.10%
Administration/ Office	Data Base/GIS Maintenance	4170	20,000.00	-	171.36	6,549.60	13,450.40	32.75%
	Office Equipment Maintenance	4305	2,000.00	-	-	-	2,000.00	0.00%
	Telephone	4310	2,000.00	-	201.38	1,718.97	281.03	85.95%
	Office Supplies	4320	7,000.00	-	234.26	3,913.56	3,086.44	55.91%
	Postage/Delivery	4330	2,000.00	-	143.55	833.63	1,166.37	41.68%
	Printing/Copying	4335	5,000.00	-	412.61	3,197.27	1,802.73	63.95%
	Dues & Publications	4338	17,000.00	-	-	13,395.00	3,605.00	78.79%
	Janitorial/Trash Service	4341	15,000.00	-	1,536.61	14,870.69	129.31	99.14%
	Utilities	4342	20,000.00	-	90.91	10,700.43	9,299.57	53.50%
	Building Maintenance	4343	100,000.00	-	4,015.71	18,699.22	81,300.78	18.70%
	Miscellaneous	4390	5,000.00	-	-	332.20	4,667.80	6.64%
	Insurance	4480	65,000.00	-	-	57,840.00	7,160.00	88.98%
	Office Equipment	4703	80,000.00	-	111.05	17,042.66	62,957.34	21.30%
	District Vehicles/Maintenance	4810-40	60,000.00	-	812.87	4,859.73	55,140.27	8.10%
Metro INET	4325	100,000.00	-	8,165.40	66,410.88	33,589.12	66.41%	
Sub-Total: Administration/Office:			\$540,000.00	-	15,895.71	220,363.84	\$279,636.16	40.81%
Consultants/ Outside Services	Auditor/Accounting	4110	80,000.00	-	3,779.20	55,528.55	24,471.45	69.41%
	Engineering-Administration	4121	122,000.00	-	6,269.50	62,636.86	59,363.14	51.34%
	Engineering-Permit I&E	4122	10,000.00	-	196.64	6,456.22	3,543.78	64.56%
	Engineering-Review	4123	75,000.00	-	6,194.50	39,193.69	35,806.31	52.26%
	Engineering-Permit Application Review	4124	65,000.00	-	2,835.00	46,209.00	18,791.00	71.09%
	Project Feasibility Studies	4129	260,000.00	-	7,045.00	94,139.67	165,860.33	36.21%
	Attorney-Permits	4130	5,000.00	-	-	-	5,000.00	0.00%
	Attorney-General	4131	40,000.00	-	4,214.30	21,066.50	18,933.50	52.67%
	Outside Consulting Services	4160	40,000.00	-	-	-	40,000.00	0.00%
	Sub-Total: Consultants/Outside Services:			\$697,000.00	\$0.00	30,534.14	325,230.49	\$371,769.51
Programs	WMP/Lakes/TMDLs/Grants	4661	154,500.00	-	1,062.50	19,429.00	135,071.00	12.58%
	Natural Resources Program	4670	120,000.00	-	1,117.51	55,594.36	64,405.64	46.33%
	Water Monitoring Program	4520-30	285,000.00	-	50,493.32	268,108.74	16,891.26	94.07%
	Outside Program Support	4683	57,000.00	-	4,869.33	24,069.91	32,930.09	42.23%
	Research Projects	4695	150,000.00	-	610.00	52,705.50	97,294.50	35.14%
	Project Operations	4650	150,000.00	-	11,306.54	111,827.29	38,172.71	74.55%
	Communication/Outreach/Events	4371	166,000.00	-	2,905.95	118,708.85	47,291.15	71.51%
	Health and Safety Program	4697	4,000.00	-	18.69	6,272.47	(2,272.47)	156.81%
Sub-Total: Programs:			\$1,086,500.00	\$0.00	72,383.84	656,716.12	\$429,783.88	60.44%
GENERAL FUND TOTAL			\$4,382,500.00	\$0.00	352,625.60	2,518,554.65	1,863,945.35	57.47%
CIP's	Project Repair & Maintenance	516	2,125,000.00	-	41,559.24	618,616.45	1,506,383.55	29.11%
	Targeted Retrofit Projects	518	1,950,000.00	-	42,573.06	236,638.61	1,713,361.39	12.14%
	Flood Risk Reduction Fund	520	5,400,000.00	-	15,539.17	178,557.00	5,221,443.00	3.31%
	Debt Services-Beltline/Maplewood Mall	526	394,963.00	-	-	392,957.80	2,005.20	99.49%
	Stewardship Grant Fund	529	1,250,000.00	-	167,605.76	517,030.22	732,969.78	41.36%
	Fish Creek Tributary Improvements	537	1,375,000.00	-	11,595.00	52,039.00	1,322,961.00	3.78%
	Wetland Restoration Projects	540	700,000.00	-	2,414.50	100,597.16	599,402.84	14.37%
CIP BUDGET TOTAL			\$13,194,963.00	-	281,286.73	2,096,436.24	\$11,098,526.76	15.89%
TOTAL BUDGET			\$17,577,463.00	\$0.00	633,912.33	4,614,990.89	\$12,962,472.11	26.26%

Current Fund Balances:

Fund:	Unaudited Beginning Fund Balance @ 12/31/23	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @8/31/24
101 - General Fund	\$3,125,440.06	-	2,037,095.60	352,625.60	2,518,554.65	2,643,981.01
516 - Project Repair & Maintenance	872,232.70	-	553,422.65	41,559.24	618,616.45	807,038.90
518 - Targeted Retrofit Projects	476,410.31	-	358,192.38	42,573.06	236,638.61	597,964.08
520 - Flood Risk Reduction Fund	4,726,296.76	-	445,835.32	15,539.17	178,557.00	4,993,575.08
526 - Debt Services-Beltline/Maplewood Mall	407,575.04	-	123,069.43	0.00	392,957.80	137,686.67
529 - Stewardship Grant Fund	201,659.15	-	388,702.66	167,605.76	517,030.22	73,331.59
536 - Stormwater Impact Fund	1,336,819.50	-	84,053.00	302,908.65	586,999.19	833,873.31
537 - Fish Creek Tributary Improvements	121,092.62	-	238,863.64	11,595.00	52,039.00	307,917.26
540 - Wetland Restoration Projects	498,036.00	-	100,480.02	2,414.50	100,597.16	497,918.86
580 - Contingency Fund	1,215,487.00	-	-	-	-	1,215,487.00
Total District Fund Balance	\$12,981,049.14	\$0.00	\$ 4,329,714.70	\$ 936,820.98	\$5,201,990.08	\$12,108,773.76

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

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	08/05/24	hea002	Sep-24	HealthPartners	Employee Benefits	\$14,512.09
EFT	08/01/24	met008	Aug-24	MetLife-Group Benefits	Employee Benefits	1,876.85
EFT	08/14/24	usb002	July 2024 Statement	U.S. Bank	Various	12,017.46
74799V	07/30/24	stu001	2019919	Studio Lola	Office Supplies	(592.50)
74809	08/14/24	aws001	S1335957-080124	AWS Service Center	Janitorial/Trash/Plowing/Sweeping	344.91
74810	08/14/24	bls001	8187	BL Dalsin Roofing	Construction Improvements/Targeted Retrofit Proj.	6,303.26
74811	08/14/24	bws001	MWPCP 9/30 to 10/4	MN Board of Water & Soil Resources	Training and Education	475.00
74812	08/14/24	dav003	9000062003; 9000062004	Davey Resource Group, Inc.	Construction Improvements/Project Maint. & Rep.	15,395.32
74813	08/14/24	ele002	427266	Electro Watchman, Inc.	Building/Site Maintenance	341.15
74814	08/14/24	fre001	1593	Freshwater Society	Outside Program Support	1,500.00
74815	08/14/24	gil001	248362	Gilbert Mechanical Contractors, Inc.	Building/Site Maintenance	430.83
74816	08/14/24	hac002	14093321	Hach Company	Water Monitoring Program	28.00
74817	08/14/24	inn002	IN4603660	Innovative Office Solutions LLC	Building/Site Maintenance	185.54
74818	08/14/24	met012	2080	Metro-INET	Roseville IT Services/Web Site/Software/Licenses	8,211.00
74819	08/14/24	nar001	IV00298006	Nardini Fire Equipment	Building/Site Maintenance	360.00
74820	08/14/24	ncp001	August 1, 2024	NCPERS Group Life Ins.	Employee Benefits	16.00
74821	08/14/24	nsp001	887644140	Xcel Energy	Water Monitoring Program	525.13
74822	08/14/24	pac001	Aug-24	Pace Analytical Services, Inc.	Water Monitoring Program	17,154.00
74823	08/14/24	pit001	3106783441	Pitney Bowes Global Financial Serv LLC	Postage/Delivery	143.55
74824	08/14/24	pre003	310238816	Premium Waters, Inc.	Utilities/Building Services Contracts	34.00
74825	08/14/24	ram016	COR-003717	Ramsey County	Communications/Outreach/Events	240.75
74826	08/14/24	rmb001	M2400142	RMB Environmental Laboratories	Water Monitoring Program	8,886.50
74827	08/14/24	safo01	24002787	Safety Signs LLC	Construction Improvements/Targeted Retrofit Proj.	33.60
74828	08/14/24	sai001	4695	Saint Paul Media	Communications/Outreach/Events	100.00
74829	08/14/24	usb005	534904859	US Bank Equipment Finance	Printing/Copier Lease	412.61
74830	08/28/24	ame006	15819	American Indian Magnet	Communications/Outreach/Events	456.00
74831	08/28/24	bar001	July 20 to August 16, 2024	Barr Engineering	various	116,632.79
74832	08/28/24	ber009	Aug-24	Bjorn Bergerson	Employee Expenses	13.20
74833	08/28/24	cad001	20807715	Zayo Group, LLC	Water Monitoring Program	203.07
74834	08/28/24	cit016	24-17 CS	City of Landfall Village	Stewardship Grant Program	1,520.00
74835	08/28/24	cit017	24-29 CS	City of Maplewood	Stewardship Grant Program	1,047.87
74836	08/28/24	cus001	74914946	Custom Ink	Employee Benefits	161.40
74837	08/28/24	Dun002	24-09 CS	Deanna Dunn	Stewardship Grant Program	5,239.25
74838	08/28/24	erd001	Jul/Aug-24	Paul Erdmann	Employee Benefits	236.00
74839	08/28/24	far003	May 15 to May 23, 2024	Farnsworth Aerospace Lower Pre-K-4	Communications/Outreach/Events	309.82
74840	08/28/24	fit002	Aug-24	Mary Fitzgerald	Employee Benefits, Expenses	594.09
74841	08/28/24	fit003	008; Aug-24	Emily F. Kamin	Employee Benefits, Expenses	640.00
74842	08/28/24	gal001	August 22, 2024	Galowitz Olson, PLLC	Attorney-General	4,214.30
74843	08/28/24	gri002	23-46 CS	Killian Griffin	Stewardship Grant Program	10,105.43
74844	08/28/24	gru001	01-37992	Gruber's Power Equipment	Natural Resources Program	129.99
74845	08/28/24	gus002	Aug-24	Emilia R. Gusdal	Employee Expenses	9.48
74846	08/28/24	haw001	6835930	Hawkins, Inc.	Project Operations	8,437.40
74847	08/28/24	hen003	Aug-24	Emma Henry	Employee Expenses	61.84
74848	08/28/24	int001	W24070531	Office of MN, IT Services	Telephone	59.38
74849	08/28/24	klo001	July-August 2024	Kendra L. Kloth	Employee Expenses	36.18
74850	08/28/24	kub001	Aug-24	Kyle W. Kubitz	Employee Benefits	40.00
74851	08/28/24	kur001	Aug-24	Kurilla Contracting Company	Construction Imp/Stormwater Impact Fund	123,821.42
74852	08/28/24	lak007	1035	Lakes Aquatic Weed Removal	Stewardship Grant Program	20,860.00
74853	08/28/24	lei001	24-35 CS	Lynn Leitte	Stewardship Grant Program	3,244.47
74854	08/28/24	let0011	15795	LNFI	Communications/Outreach/Events	263.10
74855	08/28/24	mel001	August 25, 2024; July/Aug 2024	Michelle L. Melsler	Building/Site Maintenance	470.61
74856	08/28/24	mey001	Aug-24	Sommer Meyer	Employee Expenses	24.89
74857	08/28/24	mih001	18-27	M/I Homes of Minneapolis, LLC.	Escrow Refunds	48,091.00
74858	08/28/24	nsp001	51-7512877-1	Xcel Energy	Water Monitoring Program	1,991.49
74859	08/28/24	pac001	Aug-24	Pace Analytical Services, Inc.	Water Monitoring Program	19,918.00
74860	08/28/24	pas002	Aug-24	Carol Passi	Employee Benefits, Expenses	147.20
74861	08/28/24	pet001	Progress Payment #1	Peterson Companies, Inc.	Construction Imp/Stormwater Impact Fund	129,974.23
74862	08/28/24	qwe001	Aug 10, 2024	CenturyLink	Project Operations	273.19
74863	08/28/24	red002	150488990	Redpath & Company, LLC.	Accounting	3,597.50
74864	08/28/24	reg002	0180008897	Regents of the University of Minnesota	Natural Resources Program	200.00
74865	08/28/24	roc001	3189	Rock Leaf Water Environmental LLC	Construction Imp/Project Maintenance & Repair	6,145.48
74866	08/28/24	san003	24-27 CS	Sandstrom Land Management	Stewardship Grant Program	11,754.00
74867	08/28/24	see001	24-28 CS	Meldon and Tina Seeland	Stewardship Grant Program	2,231.00
74868	08/28/24	sel001	1525	Tim Melsler	Building/Site Maintenance	262.50
74869	08/28/24	sho004	4146	Shoreline Landscaping	Stewardship Grant Prog./Stormwater Impact Fund	147,369.00
74870	08/28/24	sod001	Aug 2024	Nicole Maras	Employee Benefits	40.00
74871	08/28/24	str006	23-17 CS	Alex Streff	Stewardship Grant Program	1,780.91
74872	08/28/24	til002	Aug-24	Joseph S. Tillotson	Employee Benefits, Expenses	41.70
74873	08/28/24	vla001	Jan through Aug 2024	Dave Vlasin	Employee Benefits, Expenses	655.24
74874	08/28/24	voy001	8692934232434	US Bank Voyager Fleet Sys.	Vehicle Fuel	812.87
74875	08/28/24	was007	6636	Washington Conservation District	Stewardship Grant Program	4,167.33
74876	08/28/24	wes006	23-47 CS	Kristin and Mike Westbrock	Stewardship Grant Program	9,916.33
74877	08/28/24	wil007	Aug-24	Patrick D. Williamson	Employee Benefits, Expenses	47.37
Total						\$777,183.37

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

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	08/02/24	myp001	08/02/24	August 2nd Payroll	4110-101-000	90.85
EFT	08/16/24	myp001	08/16/24	August 16th Payroll	4110-101-000	90.85
EFT	08/30/24	myp001	08/30/24	August 30th Payroll	4110-101-000	90.85
Dir.Dep.	08/02/24	---	Payroll Expense-Net	August 2nd Payroll	4010-101-000	39,370.95
EFT	08/02/24	int002	Internal Rev.Serv.	August 2nd Federal Withholding	2001-101-000	13,806.09
EFT	08/02/24	mnd001	MN Revenue	August 2nd State Withholding	2003-101-000	2,315.71
EFT	08/02/24	per001	PERA	August 2nd PERA	2011-101-000	7,351.15
EFT	08/02/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	08/02/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
Dir.Dep.	08/16/24	---	Payroll Expense-Net	August 16th Payroll	4010-101-000	38,975.62
EFT	08/16/24	int002	Internal Rev.Serv.	August 16th Federal Withholding	2001-101-000	13,644.85
EFT	08/16/24	mnd001	MN Revenue	August 16th State Withholding	2003-101-000	2,281.27
EFT	08/16/24	per001	PERA	August 16th PERA	2011-101-000	7,351.15
EFT	08/16/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	08/16/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
Dir.Dep.	08/30/24	---	Payroll Expense-Net	August 30th Payroll	4010-101-000	38,406.68
EFT	08/30/24	int002	Internal Rev.Serv.	August 30th Federal Withholding	2001-101-000	13,615.67
EFT	08/30/24	mnd001	MN Revenue	August 30th State Withholding	2003-101-000	2,302.93
EFT	08/30/24	per001	PERA	August 30th PERA	2011-101-000	7,201.31
EFT	08/30/24	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,043.00
EFT	08/30/24	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	1,879.00
Payroll/Benefits:						<u>\$198,661.93</u>
Total						<u>Accounts Payable/Payroll/Benefits:</u>
						<u>\$975,845.30</u>

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From August 1, 2024 to August 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
08/05/24	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits	\$14,512.09
08/01/24	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits	1,876.85
08/14/24	EFT	usb002	U.S. Bank			12,017.46
				4371-101-000	Communications/Outreach/Events	6.99
				4371-101-000	Communications/Outreach/Events	66.03
				4530-101-000	Water Monitoring Program	203.07
				4320-101-000	Office Supplies	35.45
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses	96.40
				4371-101-000	Communications/Outreach/Events	(447.73)
				4371-101-000	Communications/Outreach/Events	168.00
				4371-101-000	Communications/Outreach/Events	5.58
				4320-101-000	Office Supplies	23.99
				4371-101-000	Communications/Outreach/Events	90.00
				4371-101-000	Communications/Outreach/Events	7.80
				4670-101-000	Natural Resources Program	165.56
				4320-101-000	Office Supplies	26.34
				4342-101-000	Utilities/Building Services Contracts	56.91
				4371-101-000	Communications/Outreach/Events	965.45
				4670-101-000	Natural Resources Program	69.49
				4703-101-000	Equipment	83.97
				4703-101-000	Equipment	27.08
				4320-101-000	Office Supplies	130.13
				4341-101-000	Janitorial/Trash/Plowing/Sweeping	72.60
				4530-101-000	Water Monitoring Program	88.10
				4371-101-000	Communications/Outreach/Events	1.99
				4670-101-000	Natural Resources Program	84.49
				4350-101-000	Training & Education	225.00
				4350-101-000	Training & Education	662.00
				4350-101-000	Training & Education	3,461.70
				4697-101-000	Health and Safety Program	18.69
				4350-101-000	Training & Education	185.57
				4341-101-000	Janitorial/Trash/Plowing/Sweeping	69.10
				4343-101-000	Building and Site Maintenance	278.25
				4371-101-000	Communications/Outreach/Events	60.00
				4670-101-000	Natural Resources Program	32.99
				4371-101-000	Communications/Outreach/Events	45.00
				4350-101-000	Training & Education	2,400.00
				4371-101-000	Communications/Outreach/Events	172.42
				4371-101-000	Communications/Outreach/Events	529.95
				4350-101-000	Training & Education	300.14
				4350-101-000	Training & Education	300.14
				4350-101-000	Training & Education	300.14
				4350-101-000	Training & Education	300.14
				4350-101-000	Training & Education	300.14
				4371-101-000	Communications/Outreach/Events	20.00
				4670-101-000	Natural Resources Program	29.92

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From August 1, 2024 to August 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4320-101-000	Office Supplies	18.35
				4530-101-000	Water Monitoring Program	14.90
				4371-101-000	Communications/Outreach/Events	12.80
				4670-101-000	Natural Resources Program	249.07
				4170-101-000	Database/GIS Maintenance	3.36
07/30/24	74799V	stu001	Studio Lola	4320-101-000	Office Supplies	(592.50)
08/14/24	74809	aws001	AWS Service Center	4341-101-000	Janitorial/Trash/Plowing/Sweeping	344.91
08/14/24	74810	bld001	BL Dalsin Roofing	4630-518-000	Construction Improvements/Targeted Retrofit Proj.	6,303.26
08/14/24	74811	bws001	MN Board of Water & Soil Resources	4350-101-000	Training and Education	475.00
08/14/24	74812	dav003	Davey Resource Group, Inc.	4630-516-000	Construction Improvements/Project Maint. & Rep.	15,395.32
08/14/24	74813	ele002	Electro Watchman, Inc.	4343-101-000	Building/Site Maintenance	341.15
08/14/24	74814	fre001	Freshwater Society	4683-101-000	Outside Program Support	1,500.00
08/14/24	74815	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Building/Site Maintenance	430.83
08/14/24	74816	hac002	Hach Company	4530-101-000	Water Monitoring Program	28.00
08/14/24	74817	inn002	Innovative Office Solutions LLC	4343-101-000	Building/Site Maintenance	185.54
08/14/24	74818	met012	Metro-INET			8,211.00
				4325-101-000	Roseville IT Services/Web Site/Software/Licenses	8,069.00
				4310-101-000	Telephone	142.00
08/14/24	74819	nar001	Nardini Fire Equipment	4343-101-000	Building/Site Maintenance	360.00
08/14/24	74820	ncp001	NCPERS Group Life Ins.	4040-101-000	Employee Benefits	16.00
08/14/24	74821	nsp001	Xcel Energy			525.13
				4530-101-000	Water Monitoring Program	228.42
				4343-101-000	Building/Site Maintenance	108.54
				4650-520-000	Project Operations/Flood Damage Reduction Fund	188.17
08/14/24	74822	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	17,154.00
08/14/24	74823	pit001	Pitney Bowes Global Financial Serv LLC	4330-101-000	Postage/Delivery	143.55
08/14/24	74824	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Building Services Contracts	34.00
08/14/24	74825	ram016	Ramsey County	4371-101-000	Communications/Outreach/Events	240.75
08/14/24	74826	rmb001	RMB Environmental Laboratories	4530-101-000	Water Monitoring Program	8,886.50
08/14/24	74827	saf001	Safety Signs LLC	4630-518-000	Construction Improvements/Targeted Retrofit Proj.	33.60
08/14/24	74828	sai001	Saint Paul Media	4371-101-000	Communications/Outreach/Events	100.00
08/14/24	74829	usb005	US Bank Equipment Finance	4335-101-000	Printing/Copier Lease	412.61
08/28/24	74830	ame006	American Indian Magnet	4371-101-000	Communications/Outreach/Events	456.00
08/28/24	74831	bar001	Barr Engineering			116,632.79
				4121-101-000	Engineering Admin	6,269.50
				4123-101-000	Engineering Review	6,194.50
				4128-520-000	Engineering -Flood Damage	4,209.16
				4129-101-000	Project Feasability	97.50
				4129-101-000	Project Feasability	384.00
				4129-101-000	Project Feasability	2,219.50
				4129-101-000	Project Feasability	217.50
				4129-101-000	Project Feasability	58.50
				4129-101-000	Project Feasability	4,068.00
				4520-101-000	WQM-Engineering	1,925.00
				4520-101-000	WQM-Engineering	1,418.14
				4520-101-000	WQM-Engineering	197.00

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From August 1, 2024 to August 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
				4122-101-000	Permit Application I & E	196.64
				4124-101-000	Eng. Permit Review	2,835.00
				4661-101-000	SLMP/TMDL Studies	267.50
				4661-101-000	SLMP/TMDL Studies	795.00
				4695-101-000	Research Projects	107.50
				4695-101-000	Research Projects	502.50
				4650-101-000	Project Operations	77.50
				4650-101-000	Project Operations	2,518.45
				4128-518-000	Engineering -Targeted Retrofit	20,756.20
				4128-518-000	Engineering -Targeted Retrofit	4,584.00
				4128-518-000	Engineering -Targeted Retrofit	5,332.00
				4682-529-000	Stewardship Grant Program	852.50
				4128-520-000	Engineering -Flood Damage	58.50
				4128-518-000	Engineering -Targeted Retrofit	4,496.50
				4129-537-000	Driveway Fish Creek Tributary	11,595.00
				4128-540-000		2,414.50
				4128-520-000	Engineering -Flood Damage	2,453.76
				4128-520-000	Engineering -Flood Damage	8,445.50
				4128-518-000	Engineering -Targeted Retrofit	1,067.50
				4128-516-000	Eng. Projects-Maint & Repair	13,609.44
				4128-516-000	Eng. Projects-Maint & Repair	2,153.00
				4128-516-000	Eng. Projects-Maint & Repair	4,256.00
08/28/24	74832	ber009	Bjorn Bergerson	4020-101-000	Employee Expense	13.20
08/28/24	74833	cad001	Zayo Group, LLC	4530-101-000	Water Monitoring Program	203.07
08/28/24	74834	cit016	City of Landfall Village	4682-529-000	Stewardship Grant Program	1,520.00
08/28/24	74835	cit017	City of Maplewood	4682-529-000	Stewardship Grant Program	1,047.87
08/28/24	74836	cus001	Custom Ink	4040-101-000	Employee Benefits	161.40
08/28/24	74837	dun002	Deanna Dunn	4682-529-000	Stewardship Grant Program	5,239.25
08/28/24	74838	erd001	Paul Erdmann			236.00
				4040-101-000	Employee Benefits	80.00
				4670-101-000	Natural Resources Program	156.00
08/28/24	74839	far003	Farnsworth Aerospace Lower Pre-K-4	4371-101-000	Communications/Outreach/Events	309.82
08/28/24	74840	fit002	Mary Fitzgerald			594.09
				4040-101-000	Employee Benefits	104.56
				4020-101-000	Employee Expenses	39.53
				4341-101-000	Janitorial/Trash/Plowing/Sweeping	450.00
08/28/24	74841	fit003	Emily Kamin			640.00
				4020-101-000	Employee Expenses	40.00
				4341-101-000	Janitorial/Trash/Plowing/Sweeping	600.00
08/28/24	74842	gal001	Galowitz Olson, PLLC	4131-101-000	Attorney-General	4,214.30
08/28/24	74843	gri002	Killian Griffin	4682-529-000	Stewardship Grant Program	10,105.43
08/28/24	74844	gru001	Gruber's Power Equipment	4670-101-000	Natural Resources Program	129.99
08/28/24	74845	gus002	Emilia Gusdal	4020-101-000	Employee Expenses	9.48
08/28/24	74846	haw001	Hawkins, Inc.	4650-101-000	Project Operations	8,437.40
08/28/24	74847	hen003	Emma Henry	4020-101-000	Employee Expenses	61.84
08/28/24	74848	int001	Office of MN, IT Services	4310-101-000	Telephone	59.38

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From August 1, 2024 to August 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount	
08/28/24	74849	klo001	Kendra Kloth	4020-101-000	Employee Expenses	36.18	
08/28/24	74850	kub001	Kyle Kubitza	4040-101-000	Employee Benefits	40.00	
08/28/24	74851	kur001	Kurilla Contracting Company	4630-536-000	Construction Improvements/Stormwater Impact Fund	123,821.42	
08/28/24	74852	lak007	Lakes Aquatic Weed Removal	4682-529-000	Stewardship Grant Program	20,860.00	
08/28/24	74853	lei001	Lynn Leitte	4682-529-000	Stewardship Grant Program	3,244.47	
08/28/24	74854	let0011	LNFI	4371-101-000	Communications/Outreach/Events	263.10	
08/28/24	74855	mel001	Michelle L. Melser	4343-101-000	Building/Site Maintenance	470.61	
08/28/24	74856	mey001	Sommer Meyer	4020-101-000	Employee Expenses	24.89	
08/28/24	74857	mih001	M/I Homes of Minneapolis, LLC.	2024-101-000	Escrow Refunds	48,091.00	
08/28/24	74858	nsp001	Xcel Energy			1,991.49	
				4530-101-000	Water Monitoring Program		229.12
				4343-101-000	Building/Site Maintenance		1,578.29
				4650-520-000	Project Operations/Flood Damage Reduction Fund		184.08
08/28/24	74859	pac001	Pace Analytical Services, Inc.	4530-101-000	Water Monitoring Program	19,918.00	
08/28/24	74860	pas002	Carol Passi			147.20	
				4020-101-000	Employee Expenses		107.20
				4040-101-000	Employee Benefits		40.00
08/28/24	74861	pet001	Peterson Companies, Inc.	4630-536-000	Construction Improvements/Stormwater Impact Fund	129,974.23	
08/28/24	74862	qwe001	CenturyLink	4650-101-000	Project Operations	273.19	
08/28/24	74863	red002	Redpath and Company LLC	4110-101-000	Accounting	3,597.50	
08/28/24	74864	reg002	Regents of the University of Minnesota	4670-101-000	Natural Resources Program	200.00	
08/28/24	74865	roc001	Rock Leaf Water Environmental LLC	4630-516-000	Construction Improvements/Project Maintenance & Repair	6,145.48	
08/28/24	74866	san003	Sandstrom Land Management	4682-529-000	Stewardship Grant Program	11,754.00	
08/28/24	74867	see001	Meldon and Tina Seeland	4682-529-000	Stewardship Grant Program	2,231.00	
08/28/24	74868	sel001	Tim Melser	4343-101-000	Building/Site Maintenance	262.50	
08/28/24	74869	sho004	Shoreline Landscaping			147,369.00	
				4682-536-000	Stewardship Grant Program/Stormwater Impact Fund		49,113.00
				4682-529-000	Stewardship Grant Program		98,256.00
08/28/24	74870	sod001	Nicole Maras	4040-101-000	Employee Benefits	40.00	
08/28/24	74871	str006	Alex Streff	4682-529-000	Stewardship Grant Program	1,780.91	
08/28/24	74872	til002	Joseph Tillotson			41.70	
				4020-101-000	Employee Expenses		6.70
				4040-101-000	Employee Benefits		35.00
08/28/24	74873	vla001	Dave Vlasin			655.24	
				4020-101-000	Employee Expenses		173.53
				4040-101-000	Employee Benefits		481.71
08/28/24	74874	voy001	US Bank Voyager Fleet Sys.	4830-101-000	Vehicle Fuel	812.87	
08/28/24	74875	was007	Washington Conservation District			4,167.33	
				4682-529-000	Stewardship Grant Program		798.00
				4683-101-000	Outside Program Support		3,369.33
08/28/24	74876	wes006	Kristin and Mike Westbrook	4682-529-000	Stewardship Grant Program	9,916.33	
08/28/24	74877	wil007	Patrick Williamson			47.37	
				4020-101-000	Employee Expenses		7.37
				4040-101-000	Employee Benefits		40.00
Total						\$777,183.37	

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From August 1, 2024 to August 31, 2024

Date	Check #	Vendor ID	Name	Account ID	Description	Amount
08/02/24	EFT	myp001	August 2nd Payroll	4110-101-000	August 2nd Payroll	90.85
08/16/24	EFT	myp001	August 16th Payroll	4110-101-000	August 16th Payroll	90.85
08/30/24	EFT	myp001	August 30th Payroll	4110-101-000	August 30th Payroll	90.85
08/02/24	Dir.Dep.	---	August 2nd Payroll	4010-101-000	August 2nd Payroll	39,370.95
08/02/24	EFT	int002	August 2nd Federal Withholding	2001-101-000	August 2nd Federal Withholding	13,806.09
08/02/24	EFT	mnd001	August 2nd State Withholding	2003-101-000	August 2nd State Withholding	2,315.71
08/02/24	EFT	per001	August 2nd PERA	2011-101-000	August 2nd PERA	7,351.15
08/02/24	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	2,043.00
08/02/24	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	1,879.00
08/16/24	Dir.Dep.	---	August 16th Payroll	4010-101-000	August 16th Payroll	38,975.62
08/16/24	EFT	int002	August 16th Federal Withholding	2001-101-000	August 16th Federal Withholding	13,644.85
08/16/24	EFT	mnd001	August 16th State Withholding	2003-101-000	August 16th State Withholding	2,281.27
08/16/24	EFT	per001	August 16th PERA	2011-101-000	August 16th PERA	7,351.15
08/16/24	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	2,043.00
08/16/24	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	1,879.00
08/30/24	Dir.Dep.	---	August 30th Payroll	4010-101-000	August 30th Payroll	38,406.68
08/30/24	EFT	int002	August 30th Federal Withholding	2001-101-000	August 30th Federal Withholding	13,615.67
08/30/24	EFT	mnd001	August 30th State Withholding	2003-101-000	August 30th State Withholding	2,302.93
08/30/24	EFT	per001	August 30th PERA	2011-101-000	August 30th PERA	7,201.31
08/30/24	EFT	emp002	Employee Def. Comp. Contributions	2016-101-000	Employee Def. Comp. Contributions	2,043.00
08/30/24	EFT	emp002	Employee IRA Contributions	2018-101-000	Employee IRA Contributions	1,879.00
Payroll/Benefits:						<u>\$198,661.93</u>
Total				Accounts Payable/Payroll/Benefits:		<u>\$975,845.30</u>



**Summary of Professional Engineering Services During the Period
July 20 through August 16, 2024**

	Total Engineering Budget (2024)	Total Fees to Date (2024)	Budget Balance (2024)	Fees During Period	District Accounting Code	Plan Implementation Task Number
Engineering Administration						
General Engineering Administration	\$92,000.00	\$62,636.86	\$29,363.14	\$6,269.50	4121-101	DW-13
RWMWD Health and Safety/ERTK Program (Training)	\$2,000.00	\$936.00	\$1,064.00	\$0.00	4697-101	DW-13
RWMWD Health and Safety Manual Update	\$5,000.00	\$4,603.50	\$396.50	\$0.00	4350-101	DW-13
Education Assistance	\$30,000.00	\$4,280.50	\$25,719.50	\$0.00	4129-101	DW-13
Engineering Review						
Engineering Review	\$75,000.00	\$39,193.69	\$35,806.31	\$6,194.50	4123-101	DW-13
Project Feasibility Studies						
Resiliency Study for non-Beltline tributary areas (pre-planning study and evaluation of existing data)	\$45,000.00	\$65,233.66	-\$20,233.66	\$4,209.16	4128-520	DW-9
Kohlman Creek Flood Damage Reduction Feasibility Study	\$5,000.00	\$3,520.00	\$1,480.00	\$0.00	4129-101	DW-9, KC-2
Owasso Basin/North Star Estates Improvements Feasibility Study	\$10,000.00	\$6,040.00	\$3,960.00	\$0.00	4129-101	GC-3
Phalen Village Improvements	\$10,000.00	\$13,898.15	-\$3,898.15	\$97.50	4129-101	DW-9
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$20,000.00	\$70.00	\$19,930.00	\$0.00	4129-101	MR-2
Street Sweeping	\$20,000.00	\$11,356.50	\$8,643.50	\$384.00	4129-101	DW-6, DW-15
Retrofit Inventory	\$60,000.00	\$22,034.22	\$37,965.78	\$2,219.50	4129-101	DW-17, DW-20
Tanners, Battle Creek Lake, McKnight Basin outlet operation plan	\$35,000.00	\$3,973.00	\$31,027.00	\$217.50	4129-101	DW-9
Ames Lake Feasibility Study	\$5,000.00	\$1,036.00	\$3,964.00	\$58.50	4129-101	DW-9, BELT-1
Interim Emergency Response Plans	\$5,000.00	\$585.00	\$4,415.00	\$0.00	4129-101	DW-9
Maplewood Mall 2024 Assessment	\$20,000.00	\$33,792.30	-\$13,792.30	\$4,068.00	4129-101	DW-5, DW-12
Resiliency Study for non-Beltline tributary areas - feasibility studies placeholder	\$50,000.00	\$0.00	\$50,000.00	\$0.00	4129-101	DW-9
Contingency*	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	
GIS Maintenance						
GIS Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$0.00	4170-101	DW-13
Monitoring Water Quality/Project Monitoring						
Lake Water Quality Monitoring (Misc QA/QC)	\$10,000.00	\$269.50	\$9,730.50	\$0.00	4520-101	DW-2
Annual WQ Report Assistance	\$20,000.00	\$19,481.50	\$518.50	\$1,925.00	4520-101	DW-2
Special Project BMP Monitoring	\$30,000.00	\$8,283.14	\$21,716.86	\$1,418.14	4520-101	DW-12
Grass Lake Berm Wetland Monitoring	\$15,000.00	\$6,341.94	\$8,658.06	\$197.00	4520-101	DW-5, DW-8
Battle Creek Monitoring to address TMDL	\$15,000.00	\$2,615.00	\$12,385.00	\$0.00	4520-101	DW-1, DW-2
Battle Creek Monitoring to address TMDL (Barr Staff doing the monitoring)	\$15,000.00	\$0.00	\$15,000.00	\$0.00	4520-101	DW-1, DW-2
Permit Processing, Inspection and Enforcement						
Permit Application Inspection and Enforcement	\$10,000.00	\$6,456.22	\$3,543.78	\$196.64	4122-101	DW-7
Permit Application Review	\$65,000.00	\$46,209.00	\$18,791.00	\$2,835.00	4124-101	DW-7
Watershed Management Plan Update						
Stakeholder Engagement	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4661-101	DW-21
Gaps Analysis/WMP Update Scoping	\$10,000.00	\$5,073.00	\$4,927.00	\$267.50	4661-101	DW-13, DW-20
Ecosystem Restoration Plan (or "Ecosystem Health Action Plan")	\$50,000.00	\$0.00	\$50,000.00	\$0.00	4661-101	DW-8, DW-14
Lake Studies/TMDL Reports						
West Vadnais Lake Incorporation	\$15,000.00	\$0.00	\$15,000.00	\$0.00	4661-101	DW-2
2024 Grant Applications	\$20,000.00	\$14,356.00	\$5,644.00	\$795.00	4661-101	DW-13
Prioritization of water quality projects from subwatershed feasibility studies	\$5,000.00	\$0.00	\$5,000.00	\$0.00	4661-101	DW-20
Carver Ponds Internal Load Reduction	\$12,000.00	\$0.00	\$12,000.00	\$0.00	4661-101	DW-12
Contingency for Lake Studies	\$22,500.00	\$0.00	\$22,500.00	\$0.00	4661-101	
Research Projects						
New Technology Mini Case Studies (average 6 per year)	\$15,000.00	\$11,655.00	\$3,345.00	\$107.50	4695-101	DW-12
Kohlman Lake Aquatic Plant Management Effects Study	\$20,000.00	\$35,370.00	-\$15,370.00	\$502.50	4695-101	DW-12
Shallow Lake Aeration Study Finalization	\$5,000.00	\$3,480.50	\$1,519.50	\$0.00	4695-101	DW-12
Project Operations						
2024 Tanners Alum Facility Monitoring	\$17,000.00	\$14,480.45	\$2,519.55	\$77.50	4650-101	TaL-3
Phalen/Keller and Twin Operations Support & Communications	\$5,000.00	\$0.00	\$5,000.00	\$0.00	4650-101	DW-5, DW-13, DW-18
Lake Level Station Operation and Maintenance	\$50,000.00	\$41,934.19	\$8,065.81	\$2,518.45	4650-101	DW-5, DW-18
Capital Improvements						
Woodbury Target	\$193,200.00	\$264,301.05	-\$71,101.05	\$20,756.20	4128-518	DW-6
Roosevelt Homes	\$33,600.00	\$48,156.70	-\$14,556.70	\$4,584.00	4128-518	DW-6, DW-9
Targeted Retrofit Projects 2024	\$150,000.00	\$24,213.89	\$125,786.11	\$5,332.00	4128-518	DW-6
Stewardship Grant Program	\$75,000.00	\$24,868.30	\$50,131.70	\$852.50	4682-529	DW-6
Owasso Basin Flood Risk Reduction	\$200,000.00	\$13,996.27	\$186,003.73	\$58.50	4128-520	GC-3
Pioneer Park Stormwater Reuse	\$50,000.00	\$24,530.87	\$25,469.13	\$4,496.50	4128-518	DW-6
Double Driveway and Fish Creek Tributary Improvements	\$150,000.00	\$127,948.95	\$22,051.05	\$11,595.00	4129-537	FC-2
Cottage Place Wetland	\$113,800.00	\$100,597.16	\$13,202.84	\$2,414.50	4128-540	DW-6, DW-8, DW-14, LE-2, LE-3
Ames Lake improvements	\$250,000.00	\$0.00	\$250,000.00	\$0.00	4128-520	DW-9, BELT-1
PCU Pond improvements	\$150,000.00	\$0.00	\$150,000.00	\$0.00	4128-520	DW-9, KC-2
County Road C culvert capacity	\$50,000.00	\$65,238.53	-\$15,238.53	\$2,453.76	4128-520	DW-9, KC-2
Lake Emily Subwatershed BMP	\$175,800.00	\$195,256.55	-\$19,456.55	\$0.00	4128-518	LE-3
Kohlman Creek Storage and Detention	\$150,000.00	\$20,405.00	\$129,595.00	\$8,445.50	4128-520	DW-9, KC-2
Kohlman Lake Alum Treatment	\$71,300.00	\$1,067.50	\$70,232.50	\$1,067.50	4128-518	
CIP Project Repair & Maintenance						
Routine CIP Inspection and Unplanned Maintenance Identification	\$125,000.00	\$51,332.38	\$73,667.62	\$13,609.44	4128-516	DW-5
2024 CIP Maintenance and Repairs	\$106,500.00	\$75,625.13	\$30,874.87	\$2,153.00	4128-516	DW-5
Beltline long-term fix near river outfall	\$250,000.00	\$171,306.91	\$78,693.09	\$4,256.00	4128-516	BELT-2

Barr declares under the penalties of Law that this Account, **\$116,632.79**
Claim, or Demand is just and that no part has been paid.

Bradley J. Lindman, Vice President

Memorandum

To: Paige Ahlborg, Ramsey Washington Watershed District
From: Katie Turpin-Nagel & Erin Anderson Wenz, Barr Engineering, Co.
Subject: Recommendations for Material Payment to Kurilla Contracting
Date: August 28, 2024
Project: Woodbury Target Stormwater Retrofits
c: Tina Carstens & Dave Vlasin, RWMWD

On July 3, 2024, Ramsey Washington Metro Watershed District (RWMWD) and Kurilla Contracting voluntarily terminated the Contract on the Woodbury Target Stormwater Retrofit Project for Convenience pursuant to Article 16.03 of the General Conditions of the Project Specifications. The terminated Contract included an agreement for RWMWD to review the cost for materials located onsite that were needed for finalizing the Project and recommend reimbursement for those materials as shown on the invoices provided. This memorandum summarizes the material reimbursement recommendations based on Barr Engineering Co. (Barr's) review of the invoices provided and the useability/condition of the onsite materials. Useability of the materials was confirmed with Peterson Companies for installation under the new Contract.

Table 1 summarizes the remaining materials and quantities recommended for full and final reimbursement. Barr recommends reimbursing Kurilla Contracting a total of \$123,821.42 for materials purchased under the existing Contract that were or will be used under the new Contract with Peterson Companies prior to the formal contract termination at the September 4th Board Meeting. Materials that were purchased by Kurilla Contracting, but will not be used by Peterson Companies include:

- Two catch basins (CB-6, CB-7) due to defects
- Select granular filter material due to contamination
- Topsoil due significant weed growth and no invoice provided (i.e., only truck ticket provided)

The RWMWD will not pay for those defective materials.

Through Pay Applications #1 and #2, Kurilla Contracting has been paid \$175,308.25 for accepted work. Retainage remaining from Pay Applications #1 and #2 is \$9,226.75. Barr recommends paying for acceptable materials, as summarized in Table 1, and releasing retainage once the IC134 and lien waiver documentation is received. This would result in a final contract price of \$308,356.42 with Kurilla Contracting for the Woodbury Target Stormwater Retrofit Project.

Table 1 All remaining materials recommended for reimbursement

Material	Unit of Measure	Quantity Accepted	Unit Cost	Total Cost
Class 5 Aggregate Base	Tons	14	\$ 23.77	\$ 332.78
Clean Washed Sand with 5 percent iron aggregate	LS	1	\$ 7,169.93	\$ 7,169.93
Planting Soil	LS	1	\$ 5,871.09	\$ 5,871.09
Dark Hardwood Mulch	LS	1	\$ 3,901.50	\$ 3,901.50
8" Trench Drain and Slotted Grates	LS	1	\$ 64,872.41	\$ 64,872.41
12" DI Storm Sewer Pipe	LF	160	\$ 71.25	\$ 11,400.00
10" DI Storm Sewer Pipe	LF	440	\$ 56.58	\$ 24,895.20
8" DI Storm Sewer Pipe	LF	20	\$ 43.17	\$ 863.40
6" Perforated Dual Wall HDPE Drintile Pipe	LF	240	\$ 3.39	\$ 813.60
6" PVC Storm Sewer Pipe	LF	100	\$ 5.56	\$ 556.00
4" PVC Storm Sewer Pipe	LF	20	\$ 3.12	\$ 62.40
Snout Hood	EA	1	\$ 553.39	\$ 553.39
DI polywrap	FT	880	\$ 0.59	\$ 519.20
6" Waterstop	EA	4	\$ 18.06	\$ 72.24
8" Waterstop	EA	1	\$ 23.92	\$ 23.92
10" Waterstop	EA	6	\$ 29.66	\$ 177.96
12" Waterstop	EA	3	\$ 33.62	\$ 100.86
6" PVC 45 deg fittings	EA	14	\$ 44.09	\$ 617.26
6" PVC CPLG	EA	7	\$ 15.31	\$ 107.17
6" Sioux Chief Cleanout Cover	EA	5	\$ 56.91	\$ 284.55
6" HDPE Split Coupling	EA	25	\$ 5.18	\$ 129.50
6" PVC Wye	EA	1	\$ 74.56	\$ 74.56
6" HDPE Wye	EA	4	\$ 59.87	\$ 239.48
6" HDPE 45 deg fittings	EA	6	\$ 26.43	\$ 158.58
6 PVC Cleanout Plug	EA	1	\$ 24.44	\$ 24.44
			Total	\$ 123,821.42

To: Paige Ahlborg, Ramsey Washington Watershed District
From: Katie Turpin-Nagel & Erin Anderson Wenz, Barr Engineering, Co.
Subject: Recommendations for Material Payment to Kurilla Contracting
Date: August 28, 2024
Page: 3

The following signatures acknowledge that the materials listed above in Table 1 represent full and final material reimbursement to Kurilla, and no other claims or requests for payment will be made for other materials, supplies and/or services. The full and final payment for all remaining materials is \$123,821.42. This amount is in addition to the release of retainage, subject to the requirements of the contract and listed above.

FULL AND FINAL MATERIAL REIMBURSEMENT REQUESTED BY:

Name: Austin Kurilla

Title: President

Contractor: Kurilla Contracting

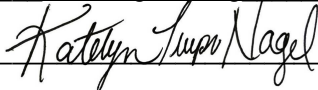
Signature: _____ Date: _____

FULL AND FINAL MATERIAL REIMBURSEMENT RECOMMENDED BY:

Name: Katie Turpin-Nagel

Title: Project Engineer

Engineer: Barr Engineering

Signature:  Date: 08/28/2024

FULL AND FINAL MATERIAL REIMBURSEMENT APPROVED BY:

Name: Val Eisele

Title: President

Owner: Ramsey-Washington Metro Watershed District

Signature: _____ Date: _____

**Target - Woodbury Stormwater Retrofit
Progress Payment Number 1 - Peterson**

1.0	Total Completed Through This Period:	<u>\$136,814.98</u>		
2.0	Total Previously Completed:		\$	<u>-</u>
3.0	Total Completed This Period:			<u>\$136,814.98</u>
4.0	Amount Previously Retained:			<u>\$0.00</u>
5.0	Amount Retained This Period (See Note 1):			<u>\$6,840.75</u>
6.0	Total Amount Retained (See Note 1):			<u>\$6,840.75</u>
7.0	Retainage Released Through This Period:			<u>\$0.00</u>
8.0	Total Retainage Remaining:			<u>\$6,840.75</u>
9.0	Amount Previously Paid:	<u>\$0.00</u>		
10.0	Amount Due This Estimate:			<u><u>\$129,974.23</u></u>

Note 1: At a rate of 5%

Note 2:	Original contract price:	\$	520,949.79
	Change Order 1:	\$	16,073.93
	Current contract price:	\$	537,023.72

SUBMITTED BY:

Name: Brad Nelson Date: 8/21/24
 Title: Project Manager
 Contractor: Peterson Companies

Signature: 

RECOMMENDED BY:

Name: Katie Turpin-Nagel Date: 8/21/2024
 Title: Project Engineer
 Engineer: Barr Engineering Company

Signature: 

APPROVED BY:

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

Signature: _____

**Target - Woodbury Stormwater Retrofit
 Ramsey-Washington Metro Watershed District
 Summary of Work Completed Through August 16, 2024 for Progress Payment Number 1**

Item	Description	Unit	Bidding Estimated Quantity	Unit Price	Extension	(1) Total Completed Through this Period		(2) Total Completed Through Previous Periods		(3) Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
A	Mobilization	LS	1	\$ 42,480.00	\$ 42,480.00	0.7	\$ 29,736.00		\$ -	0.7	\$ 29,736.00
B	Construction Layout and Staking	LS	1	\$ 16,060.00	\$ 16,060.00	1	\$ 12,045.00		\$ -	0.75	\$ 12,045.00
C	Inlet Protection (P)	EA	15	\$ 166.20	\$ 2,493.00	7.5	\$ 1,246.50		\$ -	7.5	\$ 1,246.50
D	Sediment Biolog	LF	687	\$ 2.25	\$ 1,545.75	344.0	\$ 774.00		\$ -	344	\$ 774.00
E	Daily Street Sweeping	HR	12	\$ 216.90	\$ 2,602.80	7	\$ 1,518.30		\$ -	7	\$ 1,518.30
F	Sawcut Bituminous Pavement (Full Depth)	LF	1020	\$ 2.65	\$ 2,703.00	-	\$ -		\$ -		\$ -
G	Sawcut and Dispose of Concrete Curb & Gutter	LF	140	\$ 2.80	\$ 392.00	-	\$ -		\$ -		\$ -
H	Remove and Dispose of Bituminous Pavement	SY	1900	\$ 2.45	\$ 4,655.00	-	\$ -		\$ -		\$ -
I	Remove and Dispose Existing Sod (P)	SY	519	\$ 0.01	\$ 5.19	-	\$ -		\$ -		\$ -
J	Remove, Salvage and Replace Existing Casting	EA	4	\$ 668.50	\$ 2,674.00	-	\$ -		\$ -		\$ -
K	Remove, Salvage, and Replace Class 5 Aggregate (P)	CY	60	\$ 96.95	\$ 5,817.00	-	\$ -		\$ -		\$ -
L	Furnish and Install Class 5 Aggregate Base	TON	260	\$ 22.95	\$ 5,967.00	93	\$ 2,134.35		\$ -	93	\$ 2,134.35
M	Soil Loosening - 18" Depth (P)	SY	1480	\$ 0.39	\$ 577.20	400	\$ 156.00		\$ -	400	\$ 156.00
N	Clean Washed Sand with 5 percent iron aggregate (P)	CY	51	\$ 37.75	\$ 1,925.25	-	\$ -		\$ -		\$ -
O	Precast 3' x 2' Catch Basin with Sump, Complete	EA	6	\$ 3,290.00	\$ 19,740.00	3	\$ 9,870.00		\$ -	3	\$ 9,870.00
P	Precast Curb Opening Catch Basin with Sump, Complete	EA	1	\$ 6,391.00	\$ 6,391.00	1	\$ 3,195.50		\$ -	0.5	\$ 3,195.50
Q	12" DI Storm Sewer Pipe, Shallow Bury in Parking Lot	LF	131	\$ 56.00	\$ 7,336.00	-	\$ -		\$ -		\$ -
R	12" DI Storm Sewer Pipe, Green Space	LF	13	\$ 56.00	\$ 728.00	-	\$ -		\$ -		\$ -
S	10" DI Storm Sewer Pipe, Shallow Bury in Parking Lot	LF	374	\$ 51.00	\$ 19,074.00	243	\$ 12,393.00		\$ -	243	\$ 12,393.00
T	10" DI Storm Sewer Pipe, Green Space	LF	66	\$ 33.00	\$ 2,178.00	66	\$ 2,178.00		\$ -	66	\$ 2,178.00
U	8" DI Storm Sewer Pipe, Green Space	LF	10	\$ 70.00	\$ 700.00	-	\$ -		\$ -		\$ -
V	DI Storm Sewer Pipe Mitered End	EA	3	\$ 77.40	\$ 232.20	1	\$ 77.40		\$ -	1	\$ 77.40
W	6" Perforated Dual Wall HDPE Drainile Pipe and Fittings, no sock (P)	LF	264	\$ 6.00	\$ 1,584.00	-	\$ -		\$ -		\$ -
X	6" PVC Storm Sewer Pipe and Fittings (P)	LF	63	\$ 32.00	\$ 2,016.00	-	\$ -		\$ -		\$ -
Y	4" PVC Storm Sewer Pipe and Fittings (P)	LF	15	\$ 32.00	\$ 480.00	-	\$ -		\$ -		\$ -
Z	6" Drainile Cleanout and Cover Unit	EA	5	\$ 120.00	\$ 600.00	-	\$ -		\$ -		\$ -
AA	6" Drainile Connection to Existing Structure	EA	1	\$ 2,604.00	\$ 2,604.00	-	\$ -		\$ -		\$ -
BB	8" Trench Drain with Concrete Encasement and Slotted Grate, Complete	LF	235	\$ 271.00	\$ 63,685.00	-	\$ -		\$ -		\$ -
CC	Snout Hood	EA	1	\$ 417.00	\$ 417.00	-	\$ -		\$ -		\$ -
DD	Splash Block Assembly	EA	3	\$ 3,055.00	\$ 9,165.00	-	\$ -		\$ -		\$ -
EE	Bituminous Pavement (P)	SY	3469	\$ 23.35	\$ 81,001.15	-	\$ -		\$ -		\$ -
FF	Painted Pavement Marking	LS	1	\$ 3,347.00	\$ 3,347.00	-	\$ -		\$ -		\$ -
GG	B612 Concrete Curb & Gutter	LF	177	\$ 57.20	\$ 10,124.40	-	\$ -		\$ -		\$ -
HH	B912 Concrete Curb & Gutter	LF	31	\$ 58.75	\$ 1,821.25	-	\$ -		\$ -		\$ -
II	Planting Soil (75% loamy sand, 25% compost - MnDOT Grade II) (P)	CY	183	\$ 39.00	\$ 7,137.00	50	\$ 1,950.00		\$ -	50	\$ 1,950.00
JJ	Perennials - 4" Container (P)	EA	1522	\$ 8.90	\$ 13,545.80	-	\$ -		\$ -		\$ -
KK	Perennials - 1 Gallon Container (P)	EA	3510	\$ 18.25	\$ 64,057.50	-	\$ -		\$ -		\$ -
LL	Shrub (#5 Gallon Container) (P)	EA	77	\$ 62.40	\$ 4,804.80	-	\$ -		\$ -		\$ -
MM	Erosion Control Blanket for Seeding	SF	1000	\$ 1.50	\$ 1,500.00	-	\$ -		\$ -		\$ -
NN	Steel Landscape Edging	LF	833	\$ 16.50	\$ 13,744.50	-	\$ -		\$ -		\$ -
OO	Dark Hardwood Mulch (MYP Landscape Supply)	CY	150	\$ 70.00	\$ 10,500.00	50	\$ 3,500.00		\$ -	50	\$ 3,500.00
PP	Deciduous Tree (2" Caliper B&B)	EA	6	\$ 850.00	\$ 5,100.00	-	\$ -		\$ -		\$ -
QQ	Sodding (Salt Tolerant)	SF	3124	\$ 2.00	\$ 6,248.00	-	\$ -		\$ -		\$ -
RR	Dispose of Catch Basins (2)	LS	1	\$ 700.00	\$ 700.00	1	\$ 700.00		\$ -	1	\$ 700.00
SS	Remove and dispose of contaminated bedding material and Class 5 aggregate	LS	1	\$ 2,550.00	\$ 2,550.00	1	\$ 2,550.00		\$ -	1	\$ 2,550.00
TT	Furnish and Install Common Topsoil Borrow	TON	240	\$ 33.15	\$ 7,956.00	20	\$ 663.00		\$ -	20	\$ 663.00
UU	Extend Safety Fencing (North Parking Lot)	LS	1	\$ 9,300.00	\$ 9,300.00	-	\$ -		\$ -		\$ -
VV	Backfill fiber optic trench and separate irrigation by 2' min	LS	1	\$ 3,050.00	\$ 3,050.00	1	\$ 3,050.00		\$ -	1	\$ 3,050.00
WW	Coordinate irrigation service lines and sprinkler installation for sod	LS	1	\$ 1,500.00	\$ 1,500.00	-	\$ -		\$ -		\$ -
XX	Complete Retaining Wall Drainile	LS	1	\$ 1,450.00	\$ 1,450.00	1	\$ 1,450.00		\$ -	1	\$ 1,450.00
YY	Remove and relocate or dispose of planting soil above overflow elevation (South Garden)	LS	1	\$ 4,300.00	\$ 4,300.00	1	\$ 4,300.00		\$ -	1	\$ 4,300.00
ZZ	Remove Contaminated Mulch and Install Clean Mulch (South Garden)	LS	1	\$ 4,300.00	\$ 4,300.00	1	\$ 4,300.00		\$ -	1	\$ 4,300.00
AAA	Trench Drain Connection to Catch Basin	EA	4	\$ 1,375.00	\$ 5,500.00	-	\$ -		\$ -		\$ -
BBB	Complete 6" Drainile Connection to Existing Structure (South Garden)	EA	1	\$ 2,800.00	\$ 2,800.00	1	\$ 2,800.00		\$ -	1	\$ 2,800.00
CCC	Subgrade Excavation (P)	CY	260	\$ 34.25	\$ 8,905.00	260	\$ 8,905.00		\$ -	260	\$ 8,905.00
DDD	Dispose Excavated Material Offsite (P)	CY	260	\$ 38.00	\$ 9,880.00	260	\$ 9,880.00		\$ -	260	\$ 9,880.00
EEE	Fine Grading of Basins	LS	1	\$ 9,000.00	\$ 9,000.00	1	\$ 4,500.00		\$ -	0.5	\$ 4,500.00
CO1A	Furnish and Install Granular Borrow	TON		\$ 47.41	\$ -	273	\$ 12,942.93		\$ -	273	\$ 12,942.93
CO1B	Herbicide Application	EA		\$ 898.00	\$ -				\$ -		
CO1C	Existing Drainile Connection to CB-03	LS		\$ 1,335.00	\$ -				\$ -		
TOTAL BASE BID											
							\$ 520,949.79 ¹		\$ 136,814.98		\$ 136,814.98

¹Total base bid of \$520,949.79 reflects the original contract price and does not include Change Order 1.
 With Change Order 1, the current contract price is \$537,023.72

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

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

Page: 1
August 22, 2024
File No: 9M

	Balance
General Account	\$3,231.80
FISH CREEK PROJECT	\$982.50
	<u>\$4,214.30</u>

Permit Application Coversheet

Date September 04, 2024

Project Name Main Event

Project Number 24-40

Applicant Name Brian Moran, Main Event

Type of Development Commercial/Retail

Property Description

This project is located between Bielenberg Drive and I-494 in the City of Woodbury. The applicant is proposing to construct a Main Event entertainment facility with associated parking. The total site area is 4.63 acres and is part of a larger redevelopment of the area. Stormwater management is being provided with this larger redevelopment (RWMWD Permit #23-26). This permit request is for Erosion and Sediment Control (Rule F) only.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

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

Water Quality Considerations

Short Term

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

Long Term

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

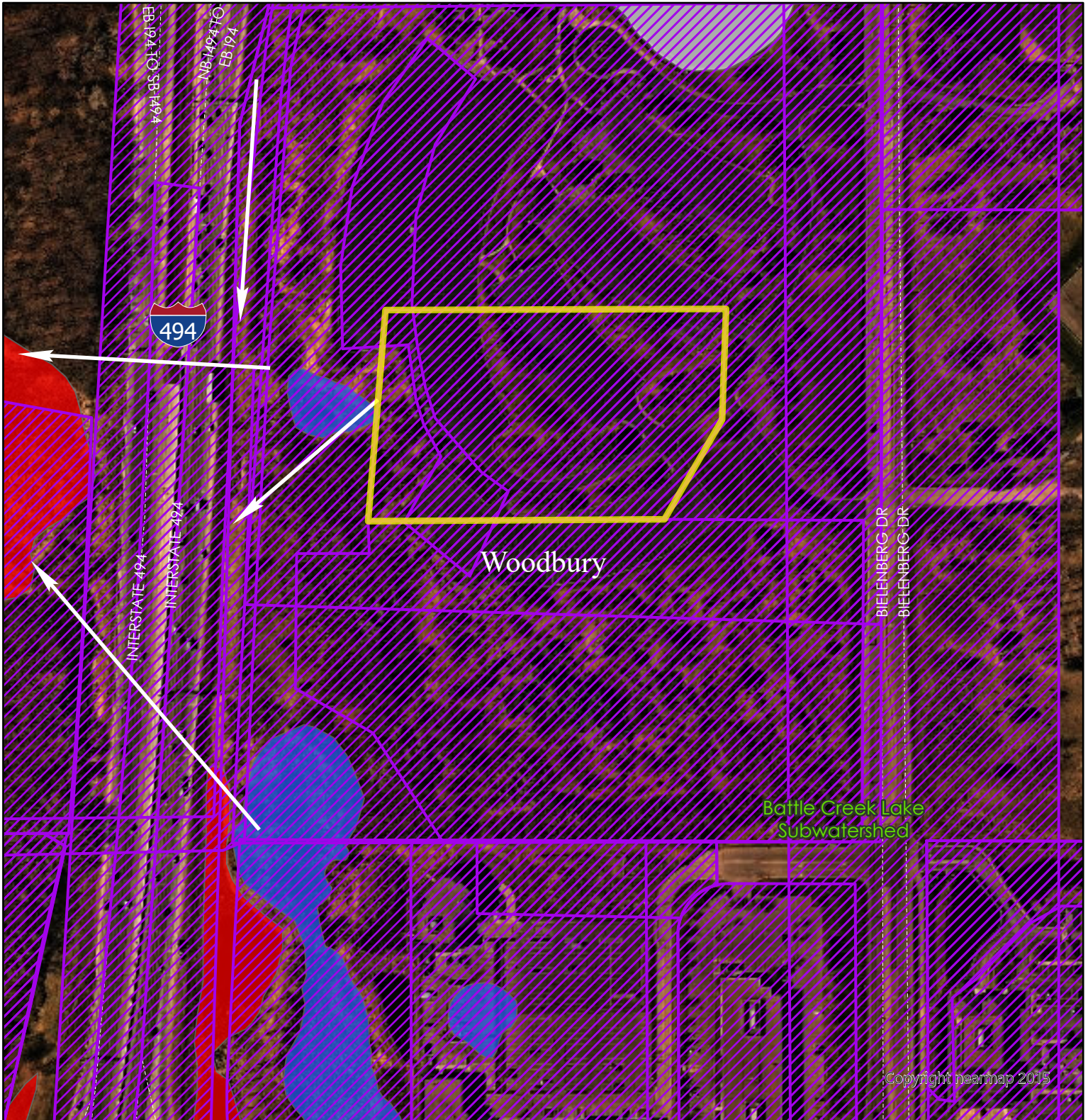
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- Project Location Map**
- Project Grading Plan**

#24-40 Main Event



Wetlands

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

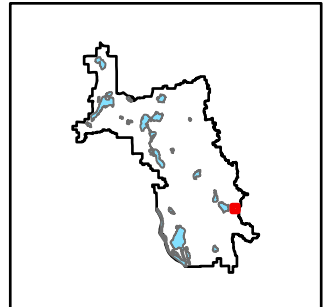
- Flow Arrows
- Roads
- Permits
- Cities
- Subwatersheds
- RWMWD Boundary

Shaded area is outside RWMWD

Highlighted Areas
Represent Active Permit

0 0.04 0.08 Miles

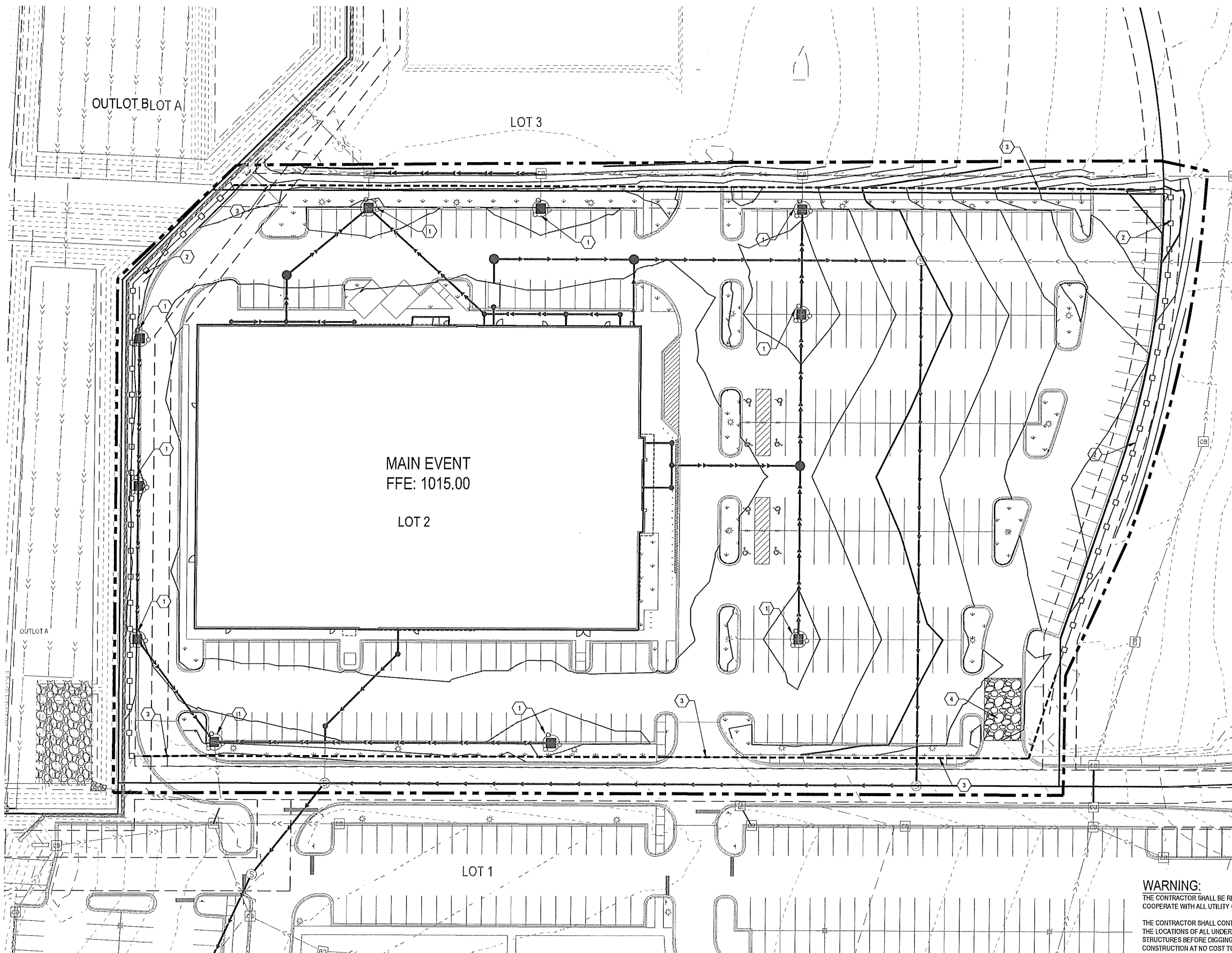
0 200 400 US Feet



24-40

Special Provisions

1. The applicant shall submit project narrative.
2. The applicant shall submit the final, signed plans set.
3. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.
4. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).



NOTES

- SEE SHEET G-002 FOR ADDITIONAL PROJECT NOTES.
- CONSTRUCTION SITE SHALL HAVE STABILIZED EXIT AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR IS ULTIMATELY RESPONSIBLE TO PROTECT THE DOWNSTREAM WATERS FROM CONSTRUCTION RUNOFF.
- CONSTRUCTION LIMITS AND SILT FENCE ARE SHOWN OFFSET FROM PROPERTY LINE FOR CLARITY, WHERE APPLICABLE.
- UNTRENCHED SILT FENCE OR ORANGE SNOW FENCE MAY BE USED FOR TREE PROTECTION.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES 4:1 OR STEEPER, UPON COMPLETION OF GRADING.
- PROPOSED IMPROVEMENTS ON ADJACENT LOTS ARE SHOWN FOR REFERENCE, PER THE GOLD LINE DEVELOPMENT PUD DESIGN (DESIGN BY STANTEC, JANUARY 2024)
- THIS PROJECT IS PART OF A PUD DEVELOPMENT. EROSION AND SEDIMENTATION CONTROLS OUTSIDE THE PROPERTY LINE ARE UNDER SEPARATE SCOPE.

LEGEND

- LOT LINE
- 901 EXISTING MINOR CONTOUR
- 900 EXISTING MAJOR CONTOUR
- 901 PROPOSED MINOR CONTOUR
- 900 PROPOSED MAJOR CONTOUR
- CONSTRUCTION LIMITS
- PERMANENT STABILIZATION - SEE LANDSCAPE PLANS
- SILT FENCE
- INLET PROTECTION
- SEDIMENT CONTROL LOG
- CONSTRUCTION ENTRANCE

KEYNOTES

- INLET PROTECTION - SEE DETAIL ERO 4C/C-801
- SILT FENCE - SEE DETAIL ERO-1C/C-801
- SEDIMENT CONTROL LOG - SEE DETAIL ERO 5E/C-801
- ROCK CONSTRUCTION ENTRANCE - SEE DETAIL ERO-7/C-801

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.

GOPHER STATE ONE CALL

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



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



CLIENT:

MAIN EVENT

540 BIELLENBERG DRIVE
CITY OF WOODBURY,
WASHINGTON COUNTY, MINNESOTA

DATE	DESCRIPTION	ISSUED FOR PERMIT	WATERSHED COMMENTS	CITY COMMENTS ISSUE #
03/22/24				
05/25/24				
05/31/24				

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.

Jack Ammerman
 JACK AMMERMAN
 LICENSE NO.: 59298
 DATE: 05/31/24

PROJECT NO.: 193806440
 DWN BY: STW CHK'D BY: JTP APP'D BY: JRA

ISSUE DATE: 05/31/2024
 ISSUE NO.: 2

SHEET TITLE:
 POST-CONSTRUCTION STABILIZATION PLAN

SHEET NO.:
C-201

Permit Application Coversheet

Date November 01, 2023

Project Name 500 Bielenberg Redevelopment

Project Number 23-26

Applicant Name Ned Abdul, Eden Ventures, LLC

Type of Development Commercial/Retail

Property Description

This project is located at 500 Bielenberg Drive, east of I-494 in the City of Woodbury. The applicant is proposing to redevelop the southern portion of a vacant office campus as a first phase of a larger redevelopment. This permit includes removals, mass grading, construction of three commercial buildings, and associated parking/utilities. An expected future Phase 2 on the northern portion is proposed to include residential buildings. The total site area is approximately 30 acres. Two filtration basins are proposed to meet stormwater treatment requirements. Pretreatment methods will include sumped inlets. Filtration is being proposed due to poor soils. Four wetlands were delineated with boundaries approved in July 2023 (#23-08 WCA). A subsequent Wetland Conservation Act (WCA) decision designated two of the wetlands as constructed ponds/incidental (#23-16 WCA). The proposed grading plan meets District buffer requirements for the jurisdictional wetland on the southwest corner of the site. A portion of the site is located in the 100-year floodplain, however it is isolated from upstream and downstream properties. The applicant has submitted calculations to demonstrate that while a portion of the floodplain will be impacted, the proposed project will slightly reduce flood elevations on the site, achieving no adverse flood impacts.

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.

Attachments:

- Project Location Map
- Project Grading Plan

Permit Application Coversheet

Date September 04, 2024

Project Name Woodbury Middle School Renovation

Project Number 24-42

Applicant Name Kyle Uecker, South Washington County Schools

Type of Development Institutional

Property Description

This project is located at Woodbury Middle School off Upper Afton Road in the City of Woodbury. The applicant is proposing to construct a new bus drive lane, football field, and softball field. The total disturbed area is 4.81 acres. An existing filtration basin constructed in 2017 (RWMWD Permit #17-16) will be expanded to meet stormwater treatment requirements. Pretreatment methods will include sumped catch basins with snouts to capture floatables. Filtration is being proposed due to poor soils.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

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

Water Quality Considerations

Short Term

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

Long Term

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

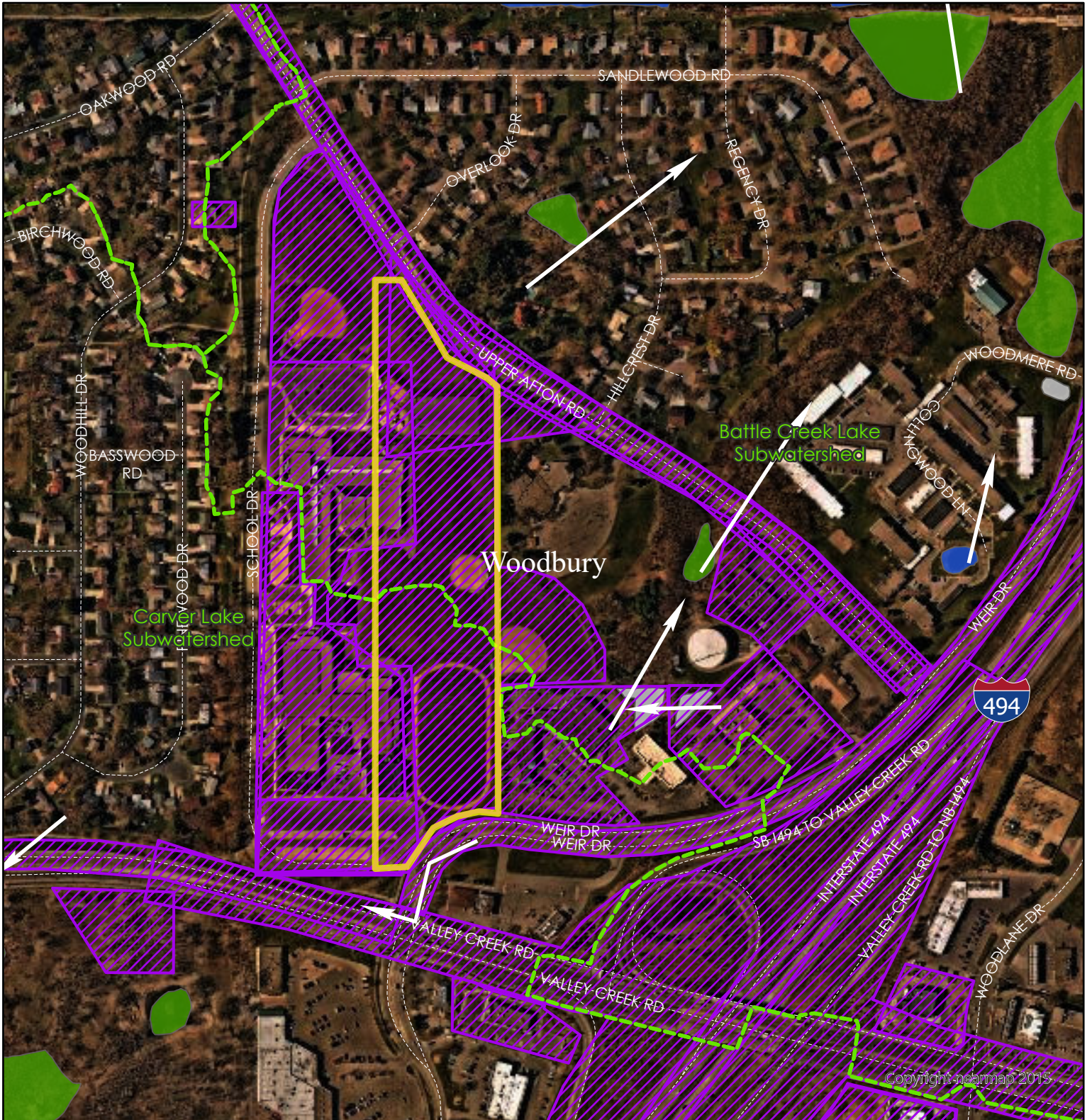
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

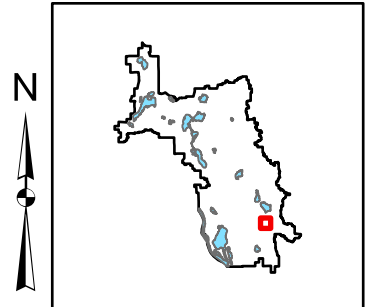
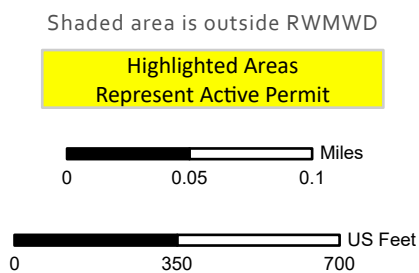
- Project Location Map**
- Project Grading Plan**

#24-42 Woodbury Middle School Renovation



Wetlands	
■	Manage A
■	Manage B
■	Manage C
	Lake
	Sediment Pond
	Not Assessed

	Flow Arrows
	Roads
	Permits
	Cities
	Subwatersheds
	RWMWD Boundary



24-42

Special Provisions

1. The applicant shall submit the final, signed plans set.
2. The applicant shall confirm the existing stormwater maintenance agreement is sufficient for Filtration Basin A.
3. The applicant shall submit a site-specific BMP Operations & Maintenance Plan for Filtration Basin A.
4. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).
5. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.

Woodbury Middle School Renovation

1425 School Drive
Woodbury, MN 55125

ISD #833
7362 East Point Douglas Rd. S.
Collage Grove, MN 55016



**WOLD ARCHITECTS
AND ENGINEERS**

332 Minnesota Street, Suite W2000
Saint Paul, MN 55101

wold.com | 651 227 7773

BKBM 5120 East Brown Drive
Suite 200 Minneapolis, MN 55410
Structural & Civil Engineers 763.643.0420
bkbm.com

© 2024 BKBM Engineers
All rights reserved. This document is the property
of BKBM Engineers. It is not to be used or copied without prior written
consent.
BKBM Project No. 24029

PROPOSED PLAN SYMBOLS

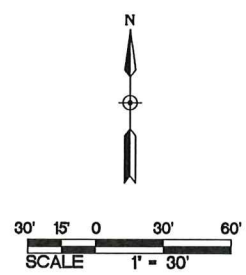
CONSTRUCTION LIMITS	---
SILTATION FENCE	XXXXXX
SEDIMENT CONTROL LOG	HHHHHHHHHH
PROPERTY LINE	----
SAWCUT LINE (APPROX.)	- - - -
PROPOSED CONTOUR	○
DRAIN TILE	---
STORM SEWER	---
CATCH BASIN	●
MANHOLE	○
EROSION CONTROL BLANKET (TEMPORARY)	▨
DRAINAGE FLOW ARROW	→
SPOT ELEVATION	○
SOIL BORING	○

REFER TO C2.001 FOR EROSION CONTROL NOTES.
REFER TO C2.002 FOR GRADING NOTES.
REFER TO C2.002 FOR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT NOTES.

NOTE:
STORM SEWER INLETS NOT SHOWN ON PLAN MAY RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INSTALL INLET SEDIMENT PROTECTION PER DETAILS 4/C5.000 AND 5/C5.000 ON ALL STORM INLETS THAT MAY RECEIVE RUNOFF.

KEYED NOTES

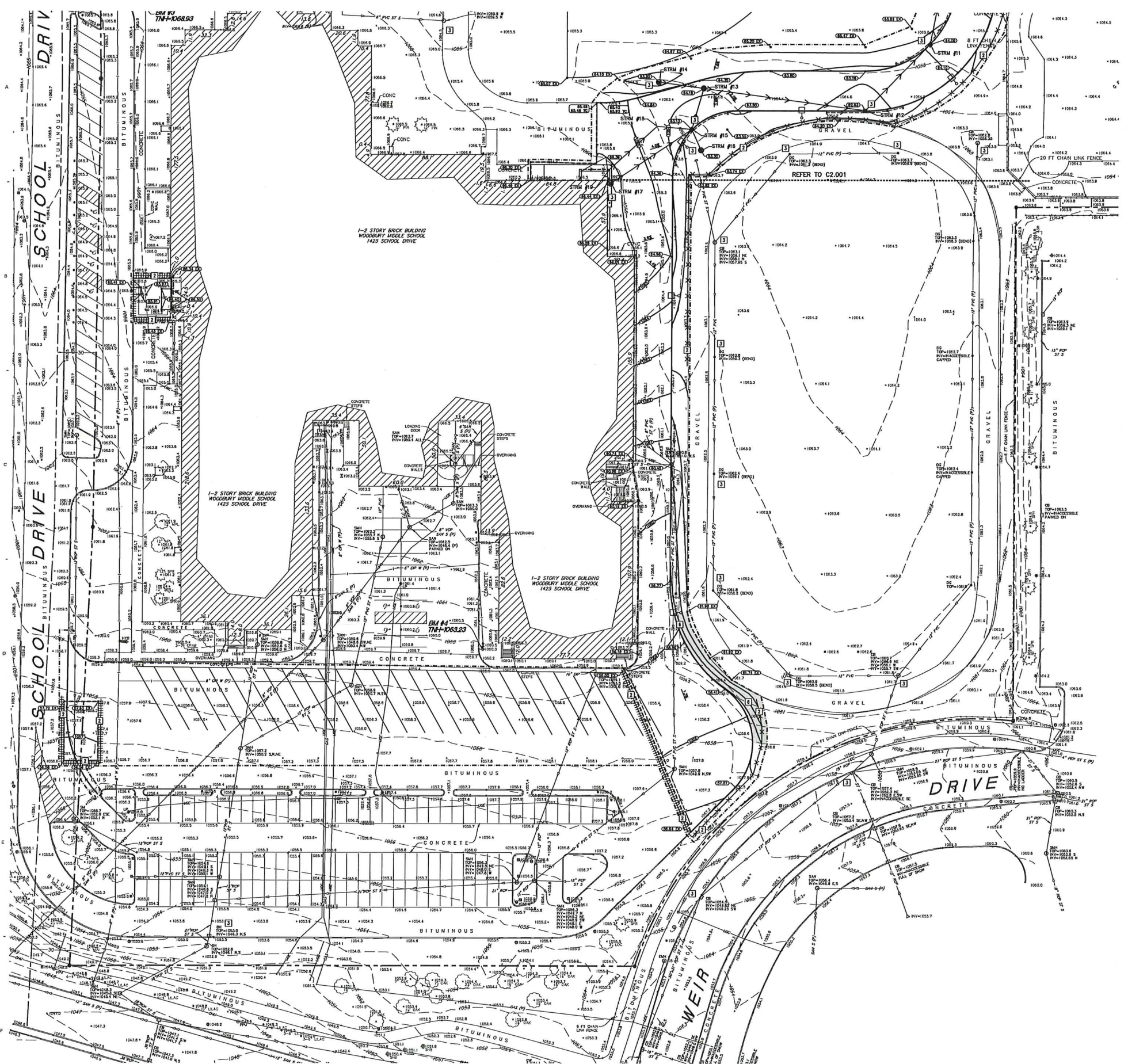
- KEYED NOTES ARE DENOTED BY [] ON PLAN.
- INSTALL PERIMETER EROSION CONTROL. REFER TO DETAILS 2/C5.000 AND 3/C5.000.
 - INSTALL INLET SEDIMENT PROTECTION. REFER TO DETAILS 4/C5.000 AND 5/C5.000.
 - INSTALL M/V/DO# 3685 CATEGORY 20 TEMPORARY STRAW FIBER EROSION CONTROL BLANKET.



ABBREVIATIONS

BULO	Bulldozing
BM	Benchmark
BS	Bottom of Slap
BF	Bottom of Foot
CB	Catch Basin
CONC	Concrete
ELEV	Elevation
EX	Excavating
FFE	Finished Floor Elevation
HWL	High Water Level
INV	Invert
NV	Normal Water Level
LFE	Lower Floor Elevation
MAX	Maximum
MH	Manhole
MIN	Minimum
NWL	Normal Water Level
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
STRM	Storm Sewer Structure
TC	Top of Curb
TS	Top of Slap
TW	Top of Wall
W.Q.	Water Quality Elevation

APPROXIMATE DISTURBED AREA IS 4.81 ACRES



1 GRADING, DRAINAGE, AND EROSION CONTROL PLAN
C2.000 1" = 30'

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.

Kevin A. Bohn
License Number: 52209 Date: 08/07/2024

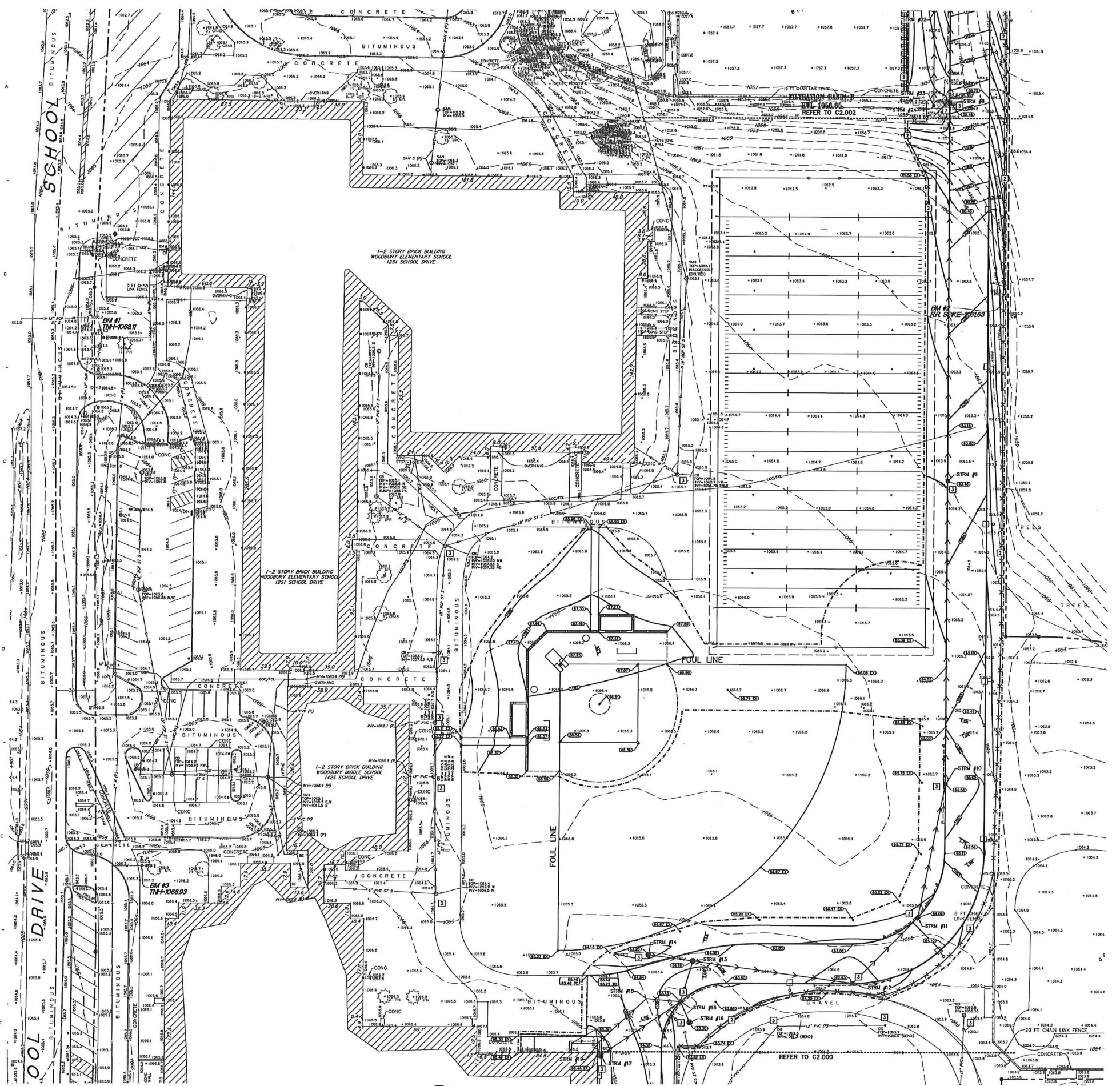
Description	Date	Notes

Comm: 232222
Date: 08/07/2024
Drawn: YH
Check: HPA

**GRADING,
DRAINAGE, AND
EROSION
CONTROL PLAN**

Scale:
C2.000

**CITY SUBMITTAL NOT
FOR CONSTRUCTION**



PROPOSED PLAN SYMBOLS

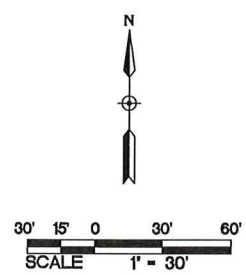
CONSTRUCTION LIMITS	---
SILTATION FENCE	—X—X—X—X—
SEDIMENT CONTROL LOG	
PROPERTY LINE	----
SAWCUT LINE (APPROX.)	- - - - -
PROPOSED CONTOUR	—○—
DRAIN TILE	—○—
STORM SEWER	—○—
CATCH BASIN	○
MANHOLE	○
FLARED END SECTION WITH RFRAP	○
EROSION CONTROL BLANKET (TEMPORARY)	▨
EROSION CONTROL BLANKET (PERMANENT)	▩
DRAINAGE FLOW ARROW	→
SPOT ELEVATION	○
SOIL BORING	○

REFER TO C2.002 FOR EROSION CONTROL NOTES.
 REFER TO C2.002 FOR GRADING NOTES.
 REFER TO C2.002 FOR RAHWAY-WASHINGTON METRO WATERSHED DISTRICT NOTES.

NOTE:
 STORM SEWER INLETS NOT SHOWN ON PLAN MAY RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INSTALL INLET SEDIMENT PROTECTION PER DETAILS 4/C5.000 AND 5/C5.000 ON ALL STORM INLETS THAT MAY RECEIVE RUNOFF.

KEYED NOTES

- KEYED NOTES ARE DENOTED BY [] ON PLAN.
- INSTALL PERIMETER EROSION CONTROL. REFER TO DETAILS 2/C5.000 AND 3/C5.000.
 - INSTALL INLET SEDIMENT PROTECTION. REFER TO DETAILS 4/C5.000 AND 5/C5.000.
 - INSTALL MN/DOT 3865.2B.5 CATEGORY 60 TURF REINFORCEMENT MAT. ADDITIONAL PERIODIC MAINTENANCE MAY BE REQUIRED AT OVERFLOW AREAS.



ABBREVIATIONS

BDDO	Building
BM	Benchmark
BS	Bottom of Slap
BW	Bottom of Wall
CB	Catch Basin
CONC	Concrete
ELEV	Elevation
EX	Excavation
FTE	Finished Floor Elevation
HHL	High Water Level
HW	Invert
LFE	Lower Floor Elevation
MAX	Maximum
MH	Manhole
MIN	Minimum
NWL	Normal Water Level
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
STRM	Storm Sewer Structure
TC	Top of Curb
TS	Top of Slap
TW	Top of Wall
W.O.	Wetland
WQE	Water Quality Elevation

Woodbury Middle School Renovation
 1425 School Drive
 Woodbury, MN 55125

ISD #833
 7362 East Point Douglas Rd. S.
 Cottage Grove, MN 55016



WOLD ARCHITECTS AND ENGINEERS
 332 Minnesota Street, Suite W2000
 Saint Paul, MN 55101

wold.com | 651.227.7773

BKBM 5120 Eagle Brown Drive
 Suite 700 Minneapolis, MN 55412
 Structural & Civil Engineers 763.843.0420
 bkbm.com

© 2024 BKBM Engineers
 5244 Aker Road, St. Louis, MO 63112
 All rights reserved. This document is the property of BKBM Engineers and may be used or copied without prior written consent.
 BKBM Project No. 24019

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.

Kevin A. Bohl
 License Number: 52203 Date: 08/07/2024

Description	Revisions	
	Date	Num

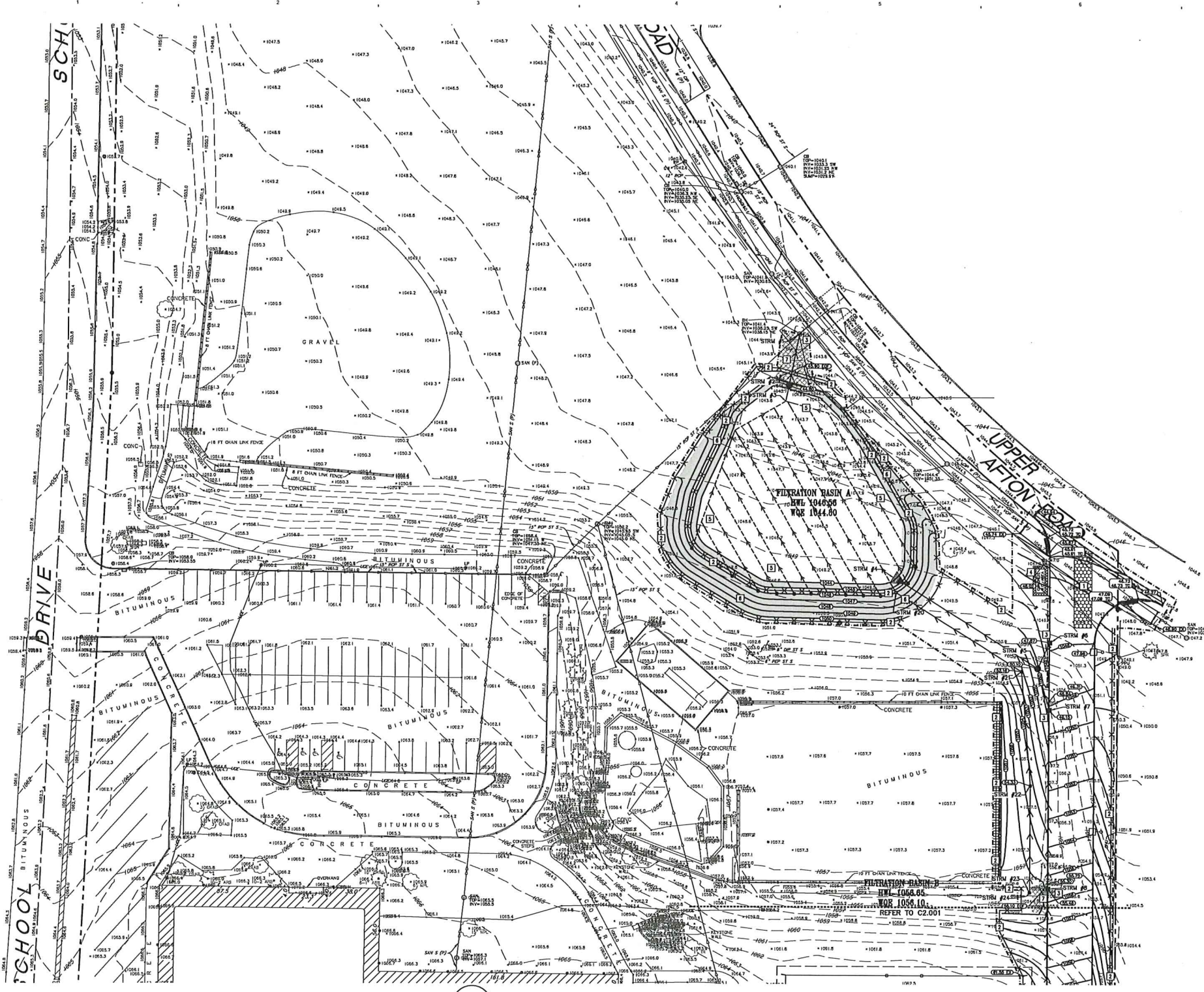
Comm: 232222
 Date: 08/07/2024
 Drawn: VJH
 Check: NPA

GRADING, DRAINAGE, AND EROSION CONTROL PLAN

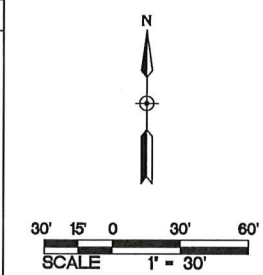
Scale: **C2.001**

CITY SUBMITTAL NOT FOR CONSTRUCTION

1 GRADING, DRAINAGE, AND EROSION CONTROL PLAN
 C2.001



- PROPOSED PLAN SYMBOLS
- CONSTRUCTION LIMITS
- SILTATION FENCE
- SEDIMENT CONTROL LOG
- PROPERTY LINE
- SAFETY LINE (APPROX.)
- PROPOSED CONTOUR
- DRAIN TRAIL
- STORM SEWER
- CATCH BASIN
- MANHOLE
- FLARED END SECTION WITH RIPRAP
- EROSION CONTROL BLANKET (TEMPORARY)
- ROCK CONSTRUCTION ENTRANCE
- EROSION CONTROL BLANKET (PERMANENT)
- DRAINAGE FLOW ARROW
- SPOT ELEVATION
- SOIL BORING
- CONCRETE WASHOUT AREA



BULO	Building
BM	Benchmark
BS	Bottom of Slope
CB	Catch Basin
CONC	Concrete
ELEV	Elevation
EX	Excavation
FTE	Finished Floor Elevation
HRL	High Water Level
INVD	Invert
LFL	Lower Floor Elevation
MAX	Maximum
MIN	Minimum
NWL	Normal Water Level
PVC	Polyvinyl Chloride
PCP	Reinforced Concrete Pipe
SSM	Storm Sewer Structure
TC	Top of Catch
TS	Top of Slope
TW	Top of Wall
W.Q.	Water Quality
WOE	Water Quality Elevation

RAMSEY-WASHINGTON METRO WATERSHED DISTRICT NOTES:

CONTRACTOR SHALL KEEP STORMWATER MANAGEMENT SYSTEMS OFFLINE AND PROTECTED FROM CONSTRUCTION ACTIVITY AND CLOSING BY SEDIMENT UNTIL ALL CONSTRUCTION AREAS ARE PERMANENTLY RESTORED.

NOTIFY NOBLE MARAS, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-782-7976 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY STORMWATER MANAGEMENT WORKS.

NOTIFY NOBLE MARAS, RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-782-7976 PRIOR TO BEGINNING ANY AND ALL CONSTRUCTION ACTIVITY FOR AN INITIAL SWPPP INSPECTION.

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

NOTE:

STORM SEWER INLETS NOT SHOWN ON PLAN MAY RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INSTALL INLET SEDIMENT PROTECTION PER DETAIL 2/CS.000 AND 2/CS.000 ON ALL STORM INLETS THAT MAY RECEIVE RUNOFF.

- KEYED NOTES**
- KEYED NOTES ARE DENOTED BY [Symbol] ON PLAN.
- 1) INSTALL ROCK CONSTRUCTION ENTRANCE. REFER TO DETAIL 1/CS.000.
 - 2) INSTALL PERIMETER EROSION CONTROL. REFER TO DETAILS 2/CS.000 AND 3/CS.000.
 - 3) INSTALL INLET SEDIMENT PROTECTION. REFER TO DETAILS 4/CS.000 AND 5/CS.000.
 - 4) APPROXIMATE LOCATION OF TEMPORARY CONTAINED CONCRETE WASH OUT BIN. REFER TO THE MANHOLE'S IMPERMEABLE GENERAL STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY FOR MORE DETAILS. SELF CONTAINED CONCRETE WASHOUTS ON CONCRETE DELIVERY TRUCKS IS AN ACCEPTABLE ALTERNATIVE TO ON-SITE CONTAINMENT.
 - 5) FILTRATION BASIN(S) AND WATER QUALITY TREATMENT POND(S) ARE TO BE CONSTRUCTED AT THE END OF GRADING OPERATIONS ONCE THE TRIBUTARY AREA'S FINAL STABILIZATION HAS BEEN INSTALLED. REFER TO DETAIL 7/CS.001 FOR FILTRATION BASIN'S CROSS SECTION. CONSTRUCTION TRAFFIC IN FILTRATION AREA(S) IS NOT ALLOWED AFTER AREA HAS BEEN EXCAVATED. PRIOR TO FINAL STABILIZATION, LOOSE SOIL WITH MECHANICAL TILLER. FILTRATION AREA(S) ARE NOT APPROVED BORROW SITES AND ARE NOT TO BE USED FOR TEMPORARY SEDIMENT BASIN(S) ONCE BASIN(S) SUBGRADE ELEVATION HAS BEEN EXCAVATED. CONTRACTOR SHALL ENSURE THAT BASIN(S) FILTRATE AT A MINIMUM RATE OF 0.5-INCH PER HOUR USING A DOUBLE RING INFILTROMETER TEST BEFORE FINAL ACCEPTANCE. DOUBLE RING INFILTROMETER TEST SHALL BE PERFORMED BY A REGISTERED GEOTECHNICAL ENGINEER AND SUBMITTED TO THE CITY AND ENGINEER FOR REVIEW BEFORE FINAL APPROVAL.
 - 6) INSTALL MW/DOT 3885 CATEGORY 20 TEMPORARY STRAW FIBER EROSION CONTROL BLANKET.
 - 7) INSTALL MW/DOT 3885.285 CATEGORY 60 TURF REINFORCEMENT MAT. ADDITIONAL PERIODIC MAINTENANCE WILL BE REQUIRED AT OVERFLOW AREAS.

- GRADING NOTES:**
1. THE CONTRACTOR SHALL VISIT THE SITE, REVIEW ALL CONSTRUCTION DOCUMENTS, AND FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO BEGINNING. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR WORK THAT COULD HAVE BEEN IDENTIFIED BY A SITE VISIT OR CONSTRUCTION DOCUMENT REVIEW.
 2. THE BACKGROUND INFORMATION WAS PREPARED BY SUNDE LAND SURVEYING, (652) 861-2455.
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION AND MARK ALL EXISTING UTILITIES 48 HOURS BEFORE CONSTRUCTION STARTS. THE ENGINEER, ARCHITECT, OR OWNER DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN CORRECTLY. CONTACT GOMPER STATE ONE CALL AT 651-454-0002 FOR FIELD LOCATING EXISTING UTILITIES. CONTACT UTILITY OWNER IF DAMAGE OCCURS DUE TO CONSTRUCTION.
 4. PROTECT ALL EXISTING STRUCTURES AND UTILITIES WHICH ARE NOT SCHEDULED FOR REMOVAL.
 5. NOTIFY CITY BUILDING INSPECTOR BEFORE TREESHEDDING AND EXCAVATION WORK COMMENCES. THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO START OF CONSTRUCTION.
 6. ALL SPOT ELEVATIONS SHOWN AS 50.64, FOR EXAMPLE, ARE TO BE UNDERSTOOD TO MEAN 1050.64.
 7. ALL SPOT ELEVATIONS ALONG THE CURB-LINE INDICATE THE ELEVATION OF THE GUTTER UNLESS NOTED OTHERWISE.
 8. NO LANDSCAPED SLOPES ARE TO EXCEED 3:1 (3 FEET HORIZONTAL TO 1 FOOT VERTICAL) UNLESS NOTED OTHERWISE.
 9. PROVIDE POSITIVE DRAINAGE FROM BUILDINGS AT ALL TIMES.
 10. UPON COMPLETION OF THE GRADING AND UTILITY WORK, THE CONTRACTOR SHALL CERTIFY THAT ALL GRADING AND UTILITY WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPROVED GRADING AND UTILITY PERMITS. AN AS-BUILT GRADING AND UTILITY PLAN SHALL BE PROVIDED BY A REGISTERED LAND SURVEYOR IN LIEU OF THE CONTRACTOR'S CERTIFICATION. SEE DETAIL 1/CS.000 FOR MORE DETAILS.
 11. PRIOR TO ISSUANCE OF BUILDING PERMITS, ALL NECESSARY EROSION CONTROL DEVICES MUST BE IN PLACE AND FUNCTIONING. THE CITY AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT WILL INSPECT THE SITE TO DETERMINE IF CONSTRUCTION IS BEING PERFORMED IN ACCORDANCE WITH PERMITS. IF THE PUBLIC UTILITIES HAVE NOT BEEN INSTALLED AT THIS POINT, IT MAY BE NECESSARY TO WITHHOLD BUILDING PERMITS FOR VARIOUS LOTS TO ALLOW THE CONTRACTOR ADEQUATE SPACE TO PERFORM THIS WORK.
 12. ALL DEBRIS CREATED IN THE PROCESS OF CLEARING AND GRADING THE SITE SHALL BE REMOVED FROM THE SITE. THIS INCLUDES TREES AND SHRUBS. UNDER NO CIRCUMSTANCES SHALL THIS TYPE OF MATERIAL BE BURIED OR BURNED ON THE SITE.
 13. THE CONTRACTOR MAY STRIP AND SALVAGE TOPSOIL FOR POTENTIAL RE-SPREADING ON THE SITE, IF APPROVED BY THE LANDSCAPE ARCHITECT AND/OR SPECIFICATIONS. SIX INCHES OF TOPSOIL - AFTER COMPACTED - SHALL BE RE-SPREAD PRIOR TO SEEDING AND MULCHING. EXCESS TOPSOIL MAY BE REMOVED FROM THE SITE PROVIDED THAT THE APPROVED GRADING AND UTILITY PERMITS PROPERLY FINISH THE SITE AS NOTED ABOVE. THE TOPSOIL STRIPPING, STOCKPILING, AND RE-SPREADING SHALL BE DONE IN ACCORDANCE WITH AND NOTED ON THE APPROVED GRADING PLAN AND SPECIFICATIONS. THE CONTRACTOR SHALL REFER TO THE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ANY SPECIAL TOPSOIL OR PLANTING REQUIREMENTS.
 14. ALL GRADING OPERATIONS SHALL BE CONDUCTED IN A MANNER TO MINIMIZE THE POTENTIAL FOR SITE EROSION. EROSION CONTROL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM RUNNING OFF ONTO ADJACENT PROPERTIES. ANY DAMAGE TO ADJACENT PROPERTIES MUST BE CORRECTED AND RESTORED AS SOON AS POSSIBLE TO BE CREDITED FROM THE ADJACENT PROPERTY OWNERS.
 15. THE CONTRACTOR SHALL LIMIT THE DISTURBED AREA AS MUCH AS POSSIBLE.

Woodbury Middle School Renovation
1425 School Drive
Woodbury, MN 55125

ISD #833
7362 East Point Douglas Rd. S.
Cottage Grove, MN 55016



WOLD ARCHITECTS AND ENGINEERS
332 Minnesota Street, Suite 2000
Saint Paul, MN 55101

BKBM 6120 Eska Brown Drive
Suite 200 Minneapolis, MN 55420
Structural & Civil Engineers
763.643.0420
bkbm.com

Description	Date	By

Kevein A. Bohl
License Number: 52209 Date: 08/07/2024

Date: 08/07/2024
Drawn: VHM
Check: HPA

GRADING, DRAINAGE, AND EROSION CONTROL PLAN

CITY SUBMITTAL NOT FOR CONSTRUCTION

Scale: **C2.002**

Permit Application Coversheet

Date June 07, 2017

Project Name Woodbury Middle School Improvements

Project Number 17-16

Applicant Name Mike Vogel, South Washington County School District

Type of Development Institutional

Property Description

This site is located at 1425 School Dr at the existing Woodbury Middle School in the City of Woodbury. The applicant is proposing to construct two building additions and reroute an existing fire lane. The total disturbed area is 1.74 acres. Stormwater management will be achieved through the construction of two stormwater basins. Vegetated swales will be utilized for pretreatment. Soil borings were not completed in preparation for this submittal, so the applicant is prepared to expand the basins and retrofit them with drain tile if soils are not conducive to infiltration. Onsite infiltrometer tests during construction will be required and submitted to the District to verify infiltration rates and groundwater elevation. The applicant has submitted stormwater modeling and calculations for both design scenarios in order to ensure District requirements are met.

Watershed District Policies or Standards Involved:

- Wetlands* *Erosion and Sediment Control*
 Stormwater Management *Floodplain*

Water Quantity Considerations

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

Permit Application Coversheet

Date September 04, 2024

Project Name Top Golf

Project Number 24-43

Applicant Name Todd Waldo, Topgolf

Type of Development Commercial/Retail

Property Description

This project is located between Bielenberg Drive and I-494 in the City of Woodbury. The applicant is proposing to construct a Topgolf sports entertainment facility with associated parking. The total site area is 11.7 acres and is part of a larger redevelopment of the area. Stormwater management is being provided with this larger redevelopment (RWMWD Permit #23-26). This permit request is for Erosion and Sediment Control (Rule F) only.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

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

Water Quality Considerations

Short Term

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

Long Term

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

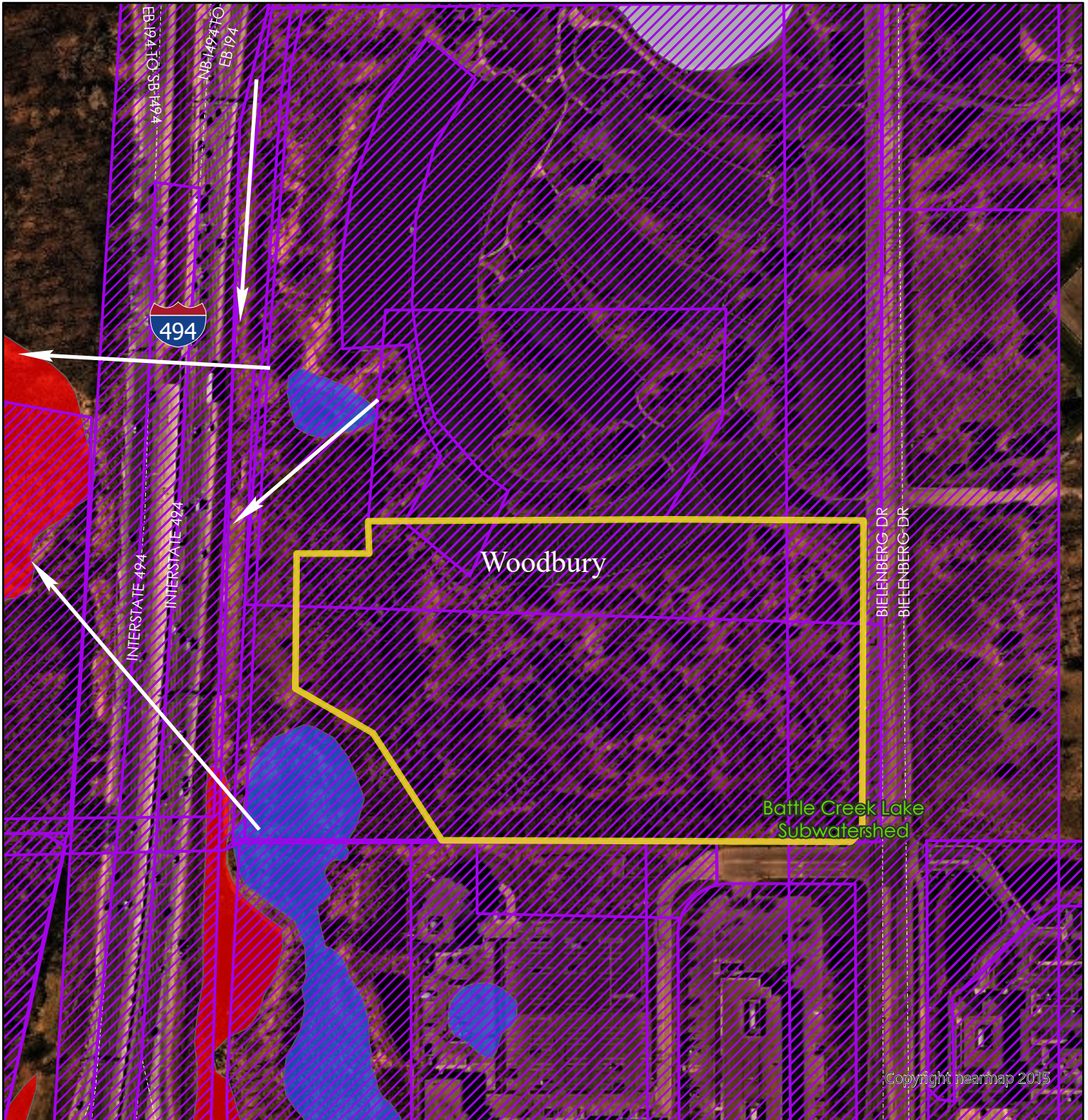
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

- Project Location Map**
- Project Grading Plan**

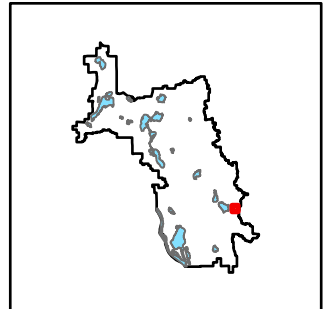
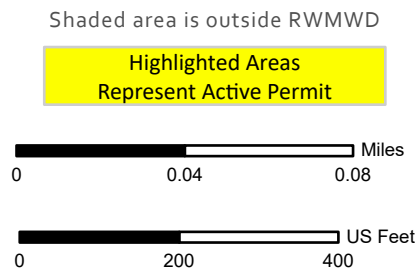
#24-43 Top Golf



Wetlands

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

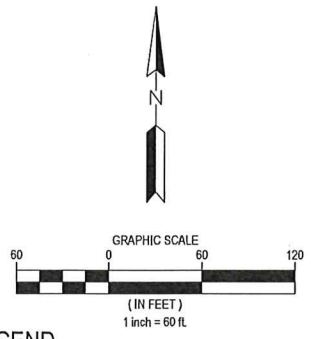
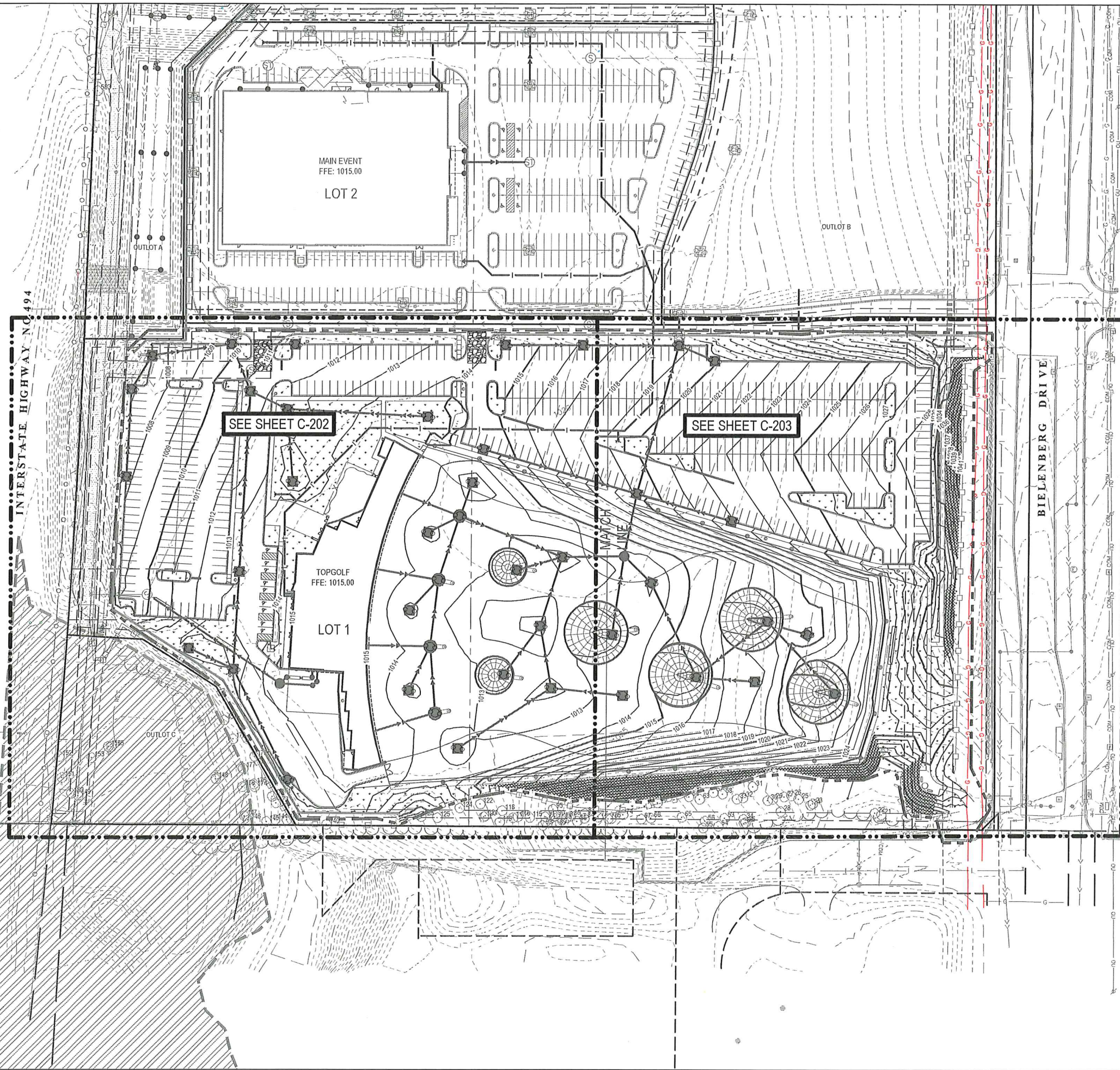
- Flow Arrows
- Roads
- Permits
- Cities
- Subwatersheds
- RWMWD Boundary



24-43

Special Provisions

1. The applicant shall submit the \$23,400 escrow payment.
2. The applicant shall submit project narrative.
3. The applicant shall submit the final, signed plans set.
4. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.
5. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).



LEGEND

- PROPERTY BOUNDARY
- - - 901 - - - EXISTING MINOR CONTOUR
- - - 900 - - - EXISTING MAJOR CONTOUR
- - - 901 - - - PROPOSED MINOR CONTOUR
- - - 900 - - - PROPOSED MAJOR CONTOUR
- - - - - CONSTRUCTION LIMITS
- [Pattern] ROCK CONSTRUCTION ENTRANCE
- [Pattern] EROSION CONTROL BLANKET
- [Pattern] PERMANENT STABILIZATION
- [Pattern] SILT FENCE
- [Symbol] INLET PROTECTION
- [Symbol] TREE PROTECTION

NOTES

1. SEE SHEET G-002 FOR ADDITIONAL PROJECT NOTES.
2. CONSTRUCTION SITE SHALL HAVE STABILIZED EXIT AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR IS ULTIMATELY RESPONSIBLE TO PROTECT DOWNSTREAM WATERS FROM CONSTRUCTION RUNOFF.
3. CONSTRUCTION LIMITS AND SILT FENCE ARE SHOWN OFFSET FROM PROPERTY LINE FOR CLARITY, WHERE APPLICABLE.
4. UNTRENCHED SILT FENCE OR ORANGE SNOW FENCE MAY BE USED FOR TREE PROTECTION
5. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES 4:1 OR STEEPER, UPON COMPLETION OF GRADING.

KEYNOTES

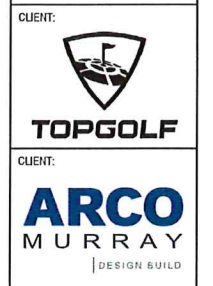
1. ROCK CONSTRUCTION ENTRANCE - SEE DETAIL ERO-7/C-801
2. EROSION CONTROL BLANKET - SEE DETAIL 1/C-805
3. INLET PROTECTION - SEE DETAIL 2/C-805

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



TOPGOLF
560 BIELEBERG DRIVE
CITY OF WOODBURY,
WASHINGTON COUNTY, MINNESOTA

DATE	DESCRIPTION	ISSUE NO.	PROJECT TITLE
06/20/2024	PERMIT SET	0	TOPGOLF 560 BIELEBERG DRIVE CITY OF WOODBURY, WASHINGTON COUNTY, MINNESOTA
06/26/2024	WATERSHED COMMENTS	1	
06/26/2024	LANDSCAPE REVISION	2	
06/26/2024	CLIENT COMMENTS	3	
06/26/2024	CITY PERMIT SUBMITTAL	4	
06/20/2024	CLIENT REVISIONS	5	

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.
John A. ...

LICENSE NO.: 59296
DATE: 06/20/2024
PROJECT NO.: 193806053
DWN BY: MED CHKD BY: JTP APPD BY: JRA
ISSUE DATE: 06/20/2024
ISSUE NO.: 5
SHEET TITLE: OVERALL POST-CONSTRUCTION STABILIZATION PLAN
SHEET NO.: C-201

Permit Application Coversheet

Date September 04, 2024

Project Name Goodrich Golf Course Cart Path Replacement

Project Number 24-45

Applicant Name Scott Weik, Ramsey County Parks & Recreation

Type of Development Trail

Property Description

This project is located at Goodrich Golf Course, east of White Bear Avenue in the cities of Maplewood and North St. Paul. The applicant is proposing to reconstruct existing golf cart paths throughout the course, modifying a bunker, and replacing irrigation. The total disturbed area is approximately 4 acres. The cart paths meet the criteria in the District's rules for disconnected impervious area, thus permanent stormwater management is not required. There is no proposed increase in impervious area over existing conditions. Levels 1 and 2 delineations were completed for wetlands onsite in August 2023 and July 2024. Three ponds onsite are considered incidental since they were constructed as part of the golf course development. The remaining four wetlands onsite (Management Class B) are considered WCA-jurisdictional. 50' wetland buffers shall remain undisturbed during construction activity to meet District requirements.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

There are no water quantity concerns.

Water Quality Considerations

Short Term

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

Long Term

There are no long term water quality concerns.

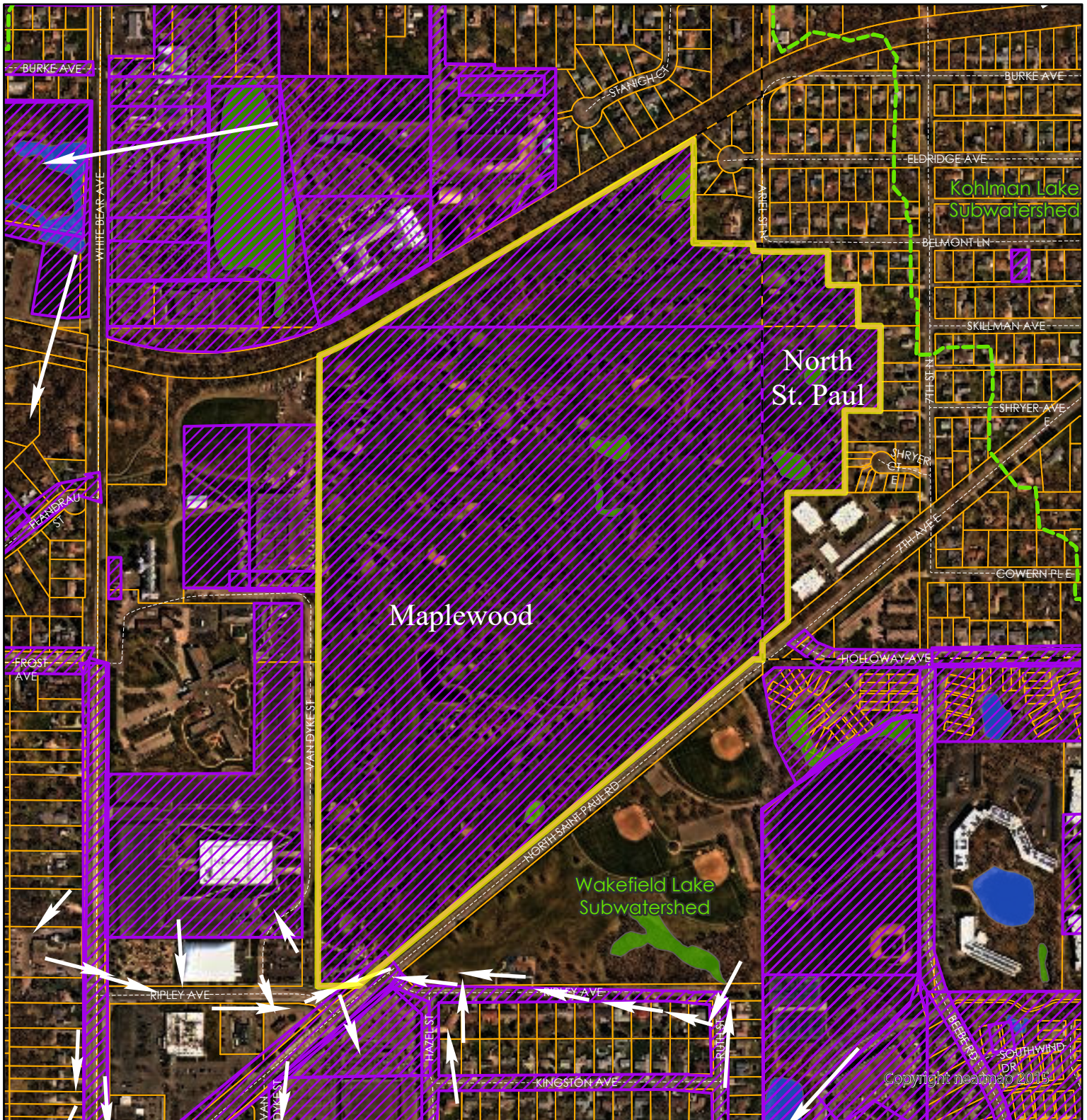
Staff Recommendation

Staff recommends approval of this permit with the special provisions.

Attachments:

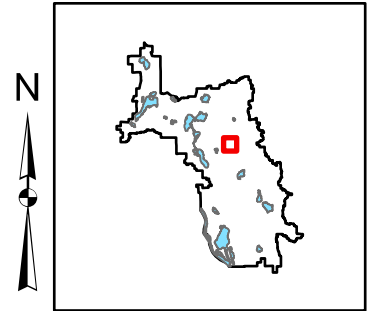
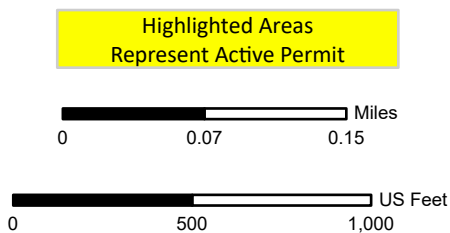
- Project Location Map**
- Project Grading Plan**

#24-45 Goodrich Golf Course Cart Path Replacement



Wetlands	
■	Manage A
■	Manage B
■	Manage C
■	Lake
■	Sediment Pond
■	Not Assessed

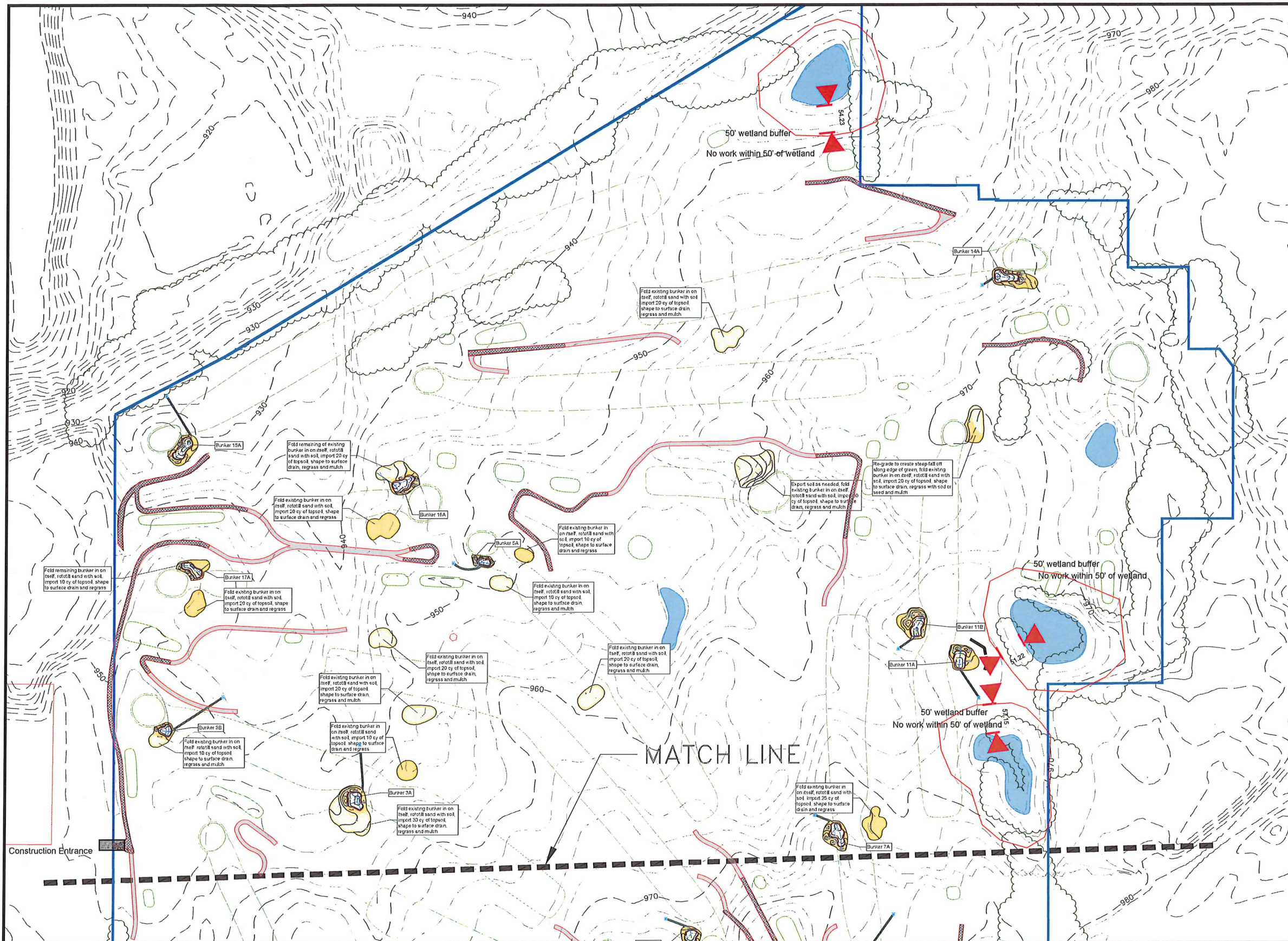
	Flow Arrows
	Roads
	Permits
	Cities
	Subwatersheds
	Ramsay Co Parcels
	RWMWD Boundary



24-45

Special Provisions

1. The applicant shall submit updated erosion control plans:
 - A. Verify there are no stormwater inlets present in the parking lot, particularly if there's a chance of sediment tracking. If there are catch basins or other inlets, label locations for inlet protection.
 - B. Include specs/details for the proposed erosion control practices (ex: rock entrances, inlet protection, perimeter control).
2. The applicant shall submit the final, signed plans including restoration (landscaping) plans.
3. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).



LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- SILT FENCE (M.S.) WATTLES OR APPROPRIATE BMP
- INLET PROTECTION
- ROCK CONSTRUCTION ENTRANCE
- EXISTING BUILDING
- MATCH LINE
- BUBBLER/C.O. (N.T.S.)
- TREES/VEGETATION
- CART PATH
- BUNKER
- GREENS/TEES EDGE
- FAIRWAY EDGE
- DRAIN TILE
- PROPERTY LINE
- SOD REGRASSING
- TURF STRIP & REPLACE
- HYDROMULCH REGRASSING
- SURFACE WATER/POND AREAS
- PROPOSED CART PATH
- DEMO OR REPLACE CART PATH

NOTE: ALL AREAS NOT HARD-SURFACED SHALL BE VEGETATED WITH APPROPRIATE GRASS MIXTURE UNTIL PERMANENT LAWN VEGETATION IS ESTABLISHED.

NOTE: EACH INDIVIDUAL WORK AREA SHOULD BE STABILIZED WITHIN TWO TO THREE WEEKS OF COMMENCEMENT.

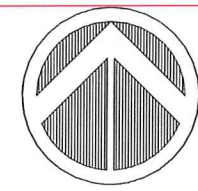

NOTE: EXISTING CONTOURS ARE FROM MN STATE LIDAR FLIGHT PERFORMED IN 2008, GRADES SHOULD BE VERIFIED PRIOR TO ANY WORK BEING PERFORMED.

NOTE: A COMBINATION OF SILT FENCE AND WATTLES ARE LIKELY ON THIS JOB, WITH WATTLES BEING USED IN LOWER PEAK FLOW AREAS AND SILT FENCE TO BE USED IN POTENTIAL WASHOUT AREAS.

NOTE: CONSTRUCTION ENTRANCES ARE SHOWN IN ASSUMED LOCATIONS. ACTUAL LOCATIONS WILL BE COORDINATED ON SITE BETWEEN PROJECT OWNER AND CONTRACTOR TO ENSURE MINIMAL DISRUPTION TO THE GOLF COURSE AND TRAFFIC WHILE STILL REMAINING EFFECTIVE.


NOTE: PERIMETER CONTROL WILL ONLY BE INSTALLED IN AREAS WHERE STORM WATER FLOWS OFFSITE OR DIRECTLY TO SURFACE WATER. IN OTHER AREAS OF THE SITE THE EXISTING VEGETATION WILL ACT AS A NATURAL FILTER, THEREFORE NO PERIMETER CONTROL WILL BE NEEDED.

All proposed cart paths are considered disconnected impervious paths.

DATE	REVISIONS	NO.	BY

© DUININCK INC. 2024. ANY USE OR REUSE OF THIS PLAN/DRAWING AND THE CORRESPONDING COMPUTER AIDED DESIGN/DRAFTING FILES WITHOUT THE EXPRESS WRITTEN CONSENT OF DUININCK INC. IS PROHIBITED. DUININCK INC. SHALL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED USE OR REUSE OF THESE MATERIALS OR DAMAGES RESULTING THEREFROM.



DUININCK

PHONE: (320)978-6011 FAX: (320)978-4978
 408 SIXTH STREET
 SAINT PAUL, MN 55102

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.

SIGNATURE: *Lucas Van Gyn* DATE: 8/2/24

SCALE GRAPHIC
 DRAWN BY: LVE
 CHECKED BY: LVE
 SUPERVISED BY: LVE

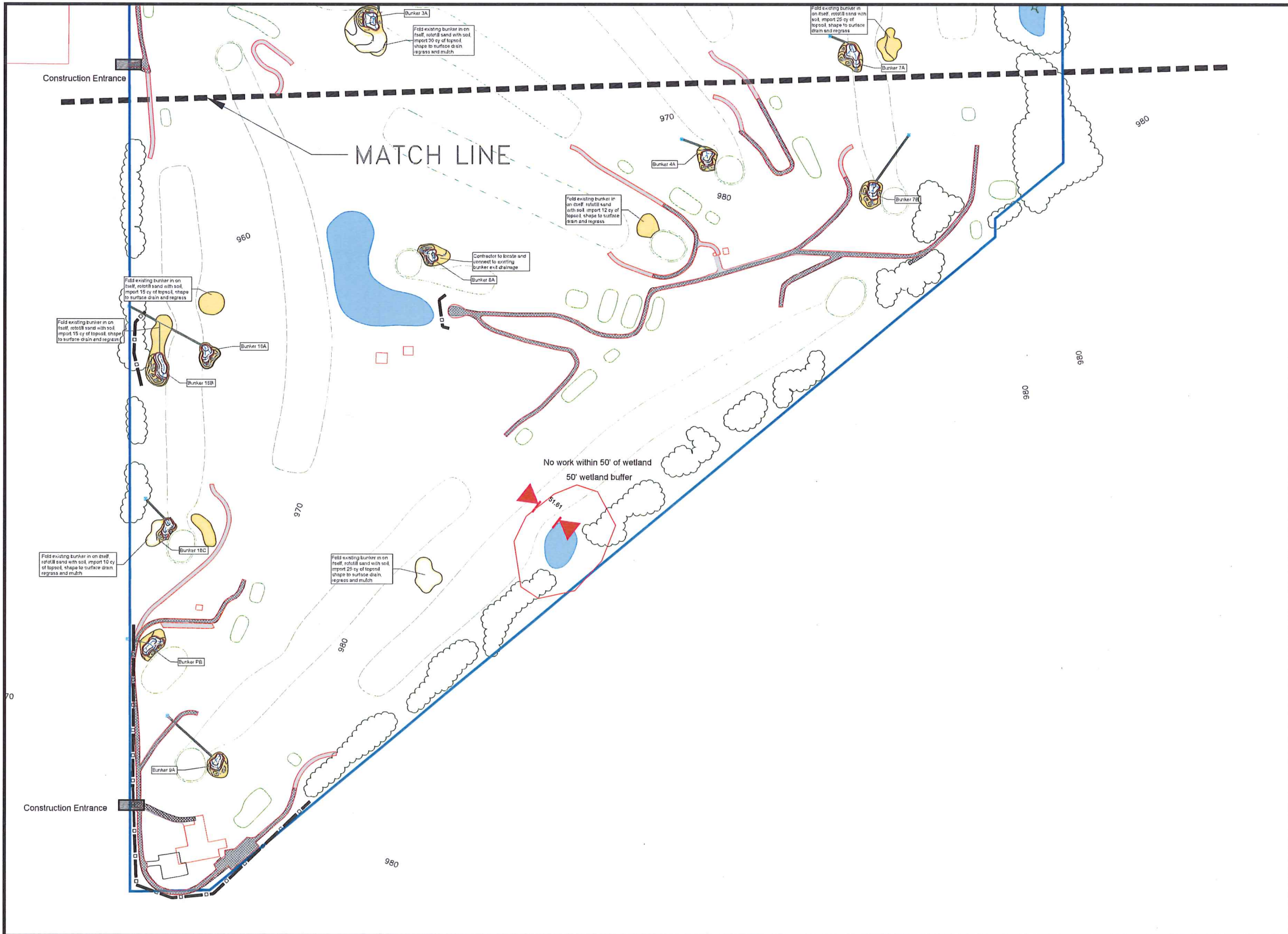
GOODRICH GOLF COURSE
 2024 IMPROVEMENT PROJECT
 EROSION CONTROL PLAN

SAINT PAUL, MN

DATE: 8/2/24

SHEET 1

All proposed cart paths are considered disconnected impervious paths.



LEGEND

EXISTING CONTOURS	
PROPOSED CONTOURS	
SILT FENCE (M.S.) WATTLES OR APPROPRIATE BMP	
INLET PROTECTION	
ROCK CONSTRUCTION ENTRANCE	
EXISTING BUILDING	
MATCH LINE	
BUBBLER/C.O. (N.T.S)	
TREES/VEGETATION	
CART PATH	
BUNKER	
GREENS/TEES EDGE	
FAIRWAY EDGE	
DRAIN TILE	
PROPERTY LINE	
SOD REGRASSING	
TURF STRIP & REPLACE	
HYDROMULCH REGRASSING	
SURFACE WATER/POND AREAS	
PROPOSED CART PATH	
DEMO OR REPLACE CART PATH	

NOTE: ALL AREAS NOT HARD-SURFACED SHALL BE VEGETATED WITH APPROPRIATE GRASS MIXTURE UNTIL PERMANENT LAWN VEGETATION IS ESTABLISHED.

NOTE: EACH INDIVIDUAL WORK AREA SHOULD BE STABILIZED WITHIN TWO TO THREE WEEKS OF COMMENCEMENT.



NOTE: EXISTING CONTOURS ARE FROM MN STATE LIDAR FLIGHT PERFORMED IN 2008, GRADES SHOULD BE VERIFIED PRIOR TO ANY WORK BEING PERFORMED.

NOTE: A COMBINATION OF SILT FENCE AND WATTLES ARE LIKELY ON THIS JOB. WITH WATTLES BEING USED IN LOWER PEAK FLOW AREAS AND SILT FENCE TO BE USED IN POTENTIAL WASHOUT AREAS.

NOTE: CONSTRUCTION ENTRANCES ARE SHOWN IN ASSUMED LOCATIONS. ACTUAL LOCATIONS WILL BE COORDINATED ON SITE BETWEEN PROJECT OWNER AND CONTRACTOR TO ENSURE MINIMAL DISRUPTION TO THE GOLF COURSE AND TRAFFIC WHILE STILL REMAINING EFFECTIVE.

NOTE: PERIMETER CONTROL WILL ONLY BE INSTALLED IN AREAS WHERE STORM WATER FLOWS OFFSITE OR DIRECTLY TO SURFACE WATER. IN OTHER AREAS OF THE SITE THE EXISTING VEGETATION WILL ACT AS A NATURAL FILTER, THEREFORE NO PERIMETER CONTROL WILL BE NEEDED.

All proposed cart paths are considered disconnected impervious paths.

DATE	REVISIONS	NO.	BY


© DUININCK INC. 2024. ANY USE OR REUSE OF THIS PLAN/DRAWING AND THE CORRESPONDING COMPUTER AIDED DESIGN/DRAFTING FILES WITHOUT THE EXPRESS WRITTEN CONSENT OF DUININCK INC. IS PROHIBITED. DUININCK INC. SHALL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED USE OR REUSE OF THESE MATERIALS OR DAMAGES RESULTING THEREFROM.



DUININCK

PHONE: (320)978-6011 FAX: (320)978-4978
P.O. BOX 208 408 SIXTH STREET
PRINSBURG, MN 56281

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.

SIGNATURE:  DATE: 8/2/24

NAME: LUCAS VAN EPS LIC. NO. 62039

SCALE GRAPHIC	GOODRICH GOLF COURSE 2024 IMPROVEMENT PROJECT EROSION CONTROL PLAN	
DRAWN BY: LVE	SAINT PAUL, MN	
CHECKED BY: LVE	DATE	SHEET
SURVEYED BY:	AUGUST 2, 2024	2

Stewardship Grant Application Summary

Project Name: Schwantes

Application Number: 24-43 CS

Board Meeting Date: 9/4/2024

Applicant Name: Lindsay Schwantes

Residential

Commercial/Government

Project Overview:

This project is located off Marnie St near Teakwood Ave in the City of Maplewood. The applicant is proposing to install a rain garden surrounded by a native planting area in their front yard.

The rain garden is eligible for 75% coverage and the native habitat restoration is eligible for 50% coverage up to a total of \$15,000.

BMP type(s):

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

Grant Request:

\$7,700.00

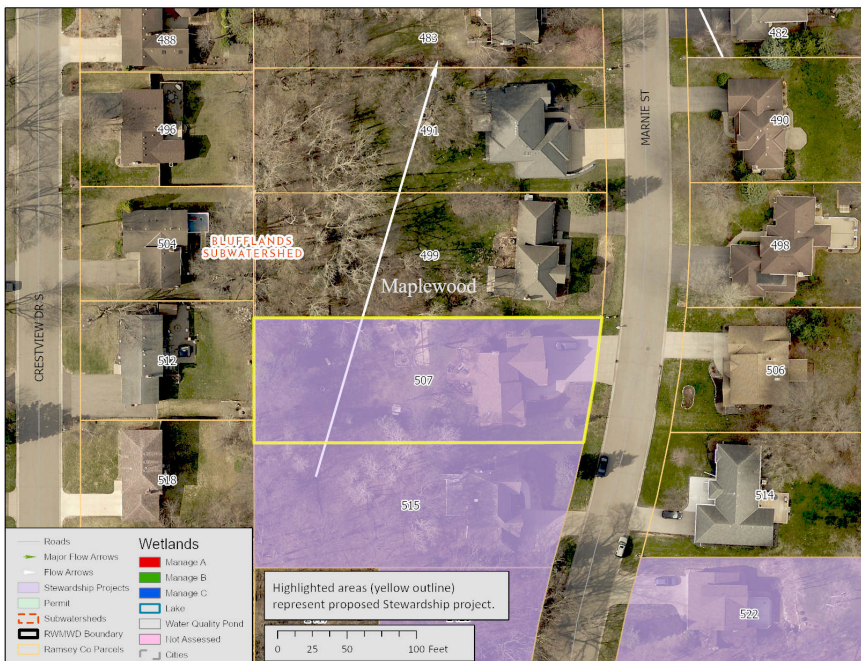
Recommendation:

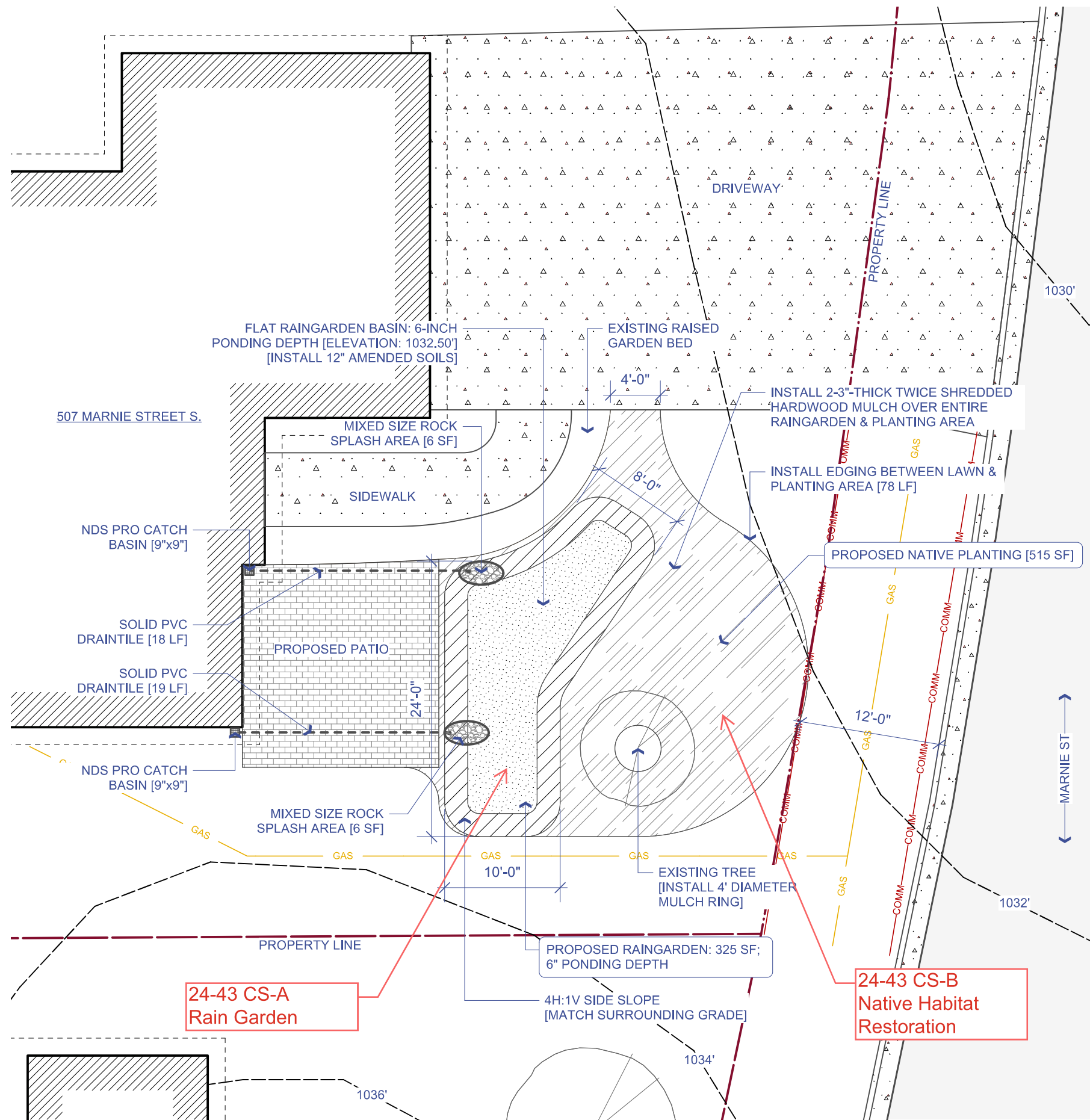
Staff recommends approval of this application.

Subwatershed:

Blufflands

Location Maps:





GENERAL PROJECT NOTES:

1. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS.
2. PROPOSED PATIO SHOWN IS APPROXIMATE SIZE AND LOCATION. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO INSTALLATION TO RAINGARDEN.
3. CONTRACTOR TO PROVIDE ANY REQUIRED TEMPORARY EROSION CONTROL AS NEEDED DURING INSTALLATION.
4. CONTRACTOR TO PROTECT ALL TREES IN/NEAR PROJECT AREA DURING INSTALLATION UNLESS OTHERWISE NOTED ON PLANS OR BY LANDOWNER REQUEST.

RAINGARDEN NOTES:

1. EXCAVATE RAINGARDEN AREA, LOOSEN UNDERLYING SOILS 6-12" MINIMUM, AND INSTALL 1' AMENDED SOILS IN RAINGARDEN BASIN AREA.
2. GRADE OUT FLAT RAINGARDEN BASIN AREA. ENSURE BASIN ELEVATION IS LEVEL IN ALL DIRECTIONS.
3. GRADE 4H:1V SIDE SLOPES. MATCH SURROUNDING GRADE.
4. INSTALL 9"x9" NDS PRO CATCH BASINS [2] OR EQUIVALENT AT DOWNSPOUT LOCATIONS SHOWN ON PLAN. SEE CATCH BASIN INSTALLATION DETAIL ON SHEET L300.
5. INSTALL 4" SOLID DRAIN TILE FROM CATCH BASINS TO RAINGARDEN. TERMINATE END OF DRAINTILE IN RAINGARDEN SIDE SLOPES. [USE SCH 40 SOLID PVC PIPE OR EQUIVALENT]
6. INSTALL MIXED SIZE ROCK [2-6" RIVER ROCK OR EQUAL] SPLASH AREA AROUND DRAIN TILE DISCHARGE POINTS IN RAINGARDEN SIDE SLOPE. INSTALL NON-WOVEN GEOTEXTILE BETWEEN ROCK AND SOIL.
7. INSTALL 2-3"-THICK TWICE SHREDDED HARDWOOD MULCH OVER ENTIRE RAINGARDEN AREA, PLANT WITH NATIVE SPECIES [SEE PLANTING PLAN]
8. SEE LAYOUT PLAN FOR RAINGARDEN BASIN ELEVATIONS AND DIMENSIONS. [ELEVATIONS ARE APPROXIMATE, SITE VERIFY.]
9. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS.
10. PROPOSED PATIO SHOWN IS APPROXIMATE SIZE AND LOCATION. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO INSTALLATION TO RAINGARDEN.
11. CONTR

NATIVE PLANTING NOTES:

1. REMOVE EXISTING TURF GRASS VEGETATION IN PROJECT AREA. HERBICIDE APPLICATION [1-2 MINIMUM] OR EQUIVALENT MECHANICAL METHOD OF REMOVAL.
2. DEAD TURF GRASS CAN REMAIN IN PLACE FOR EROSION CONTROL PURPOSES ON AS NECESSARY.
3. LEVEL AREAS OF YARD MAY BE TILLED FOR PLANTING BED PREP AS NECESSARY IF SOILS ARE COMPACTED.
4. ONCE TURF GRASS IS EFFECTIVELY KILLED, INSTALL 2-3"-THICK TWICE SHREDDED HARDWOOD MULCH OVER ENTIRE PLANTING AREA.
5. INSTALL NATIVE PLANTS THROUGHOUT PLANTING AREA. SEE SUGGESTED PLANTING LIST PROVIDED ON SHEET L300.
6. INSTALL PERENNIALS AT 18-24" SPACING IN GROUPS OF LIKE SPECIES FOR EASY IDENTIFICATION AND WEEDING. INSTALL IN GROUPS OF 6-18 OF SAME SPECIES.
7. INSTALL SHRUBS AT 36-48" SPACING.
8. LANDOWNER/CONTRACTOR MAY ADD/SUBSTITUTE FINAL SPECIES FOR PROJECT. IF ALTERNATES ARE USED, CONTRACTOR/LANDOWNER MUST PROVIDE A LIST INCLUDING SPECIES, SIZING, AND QUANTITY TO RCSWCD STAFF PRIOR TO PURCHASE AND INSTALLATION FOR APPROVAL.
9. INSTALL STEEL EDGING AT PERIMETER OF PLANTING BETWEEN NATIVE PLANTING AREA AND EXISTING TURF GRASS LAWN. SEE LAYOUT PLAN FOR LENGTH. INSTALL EDGING FLUSH WITH GRADE.
10. RESTORE ANY DAMAGE TO LANDSCAPE/TURF GRASS OUTSIDE OF PROJECT AREA WITH SEED OR SOD.
11. EXACT SIZE/SHAPE OF PLANTING AREA MAY VARY. MAINTAIN APPROXIMATE SQUARE FEET SIZE. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO HERBICIDE APPLICATION AND PROJECT INSTALLATION.



Stewardship Grant Application Summary

Project Name: Anderson

Application Number: 24-44 CS

Board Meeting Date: 9/4/2024

Applicant Name: Tracie Anderson

Residential

Commercial/Government

Project Overview:

This project is located off Hoyt Ave E in the City of St. Paul. The applicant is proposing to install a native planting area in their front yard.

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

BMP type(s):

Native Habitat Restoration(1)

Grant Request:

\$5,800.00

Recommendation:

Staff recommends approval of this application.

Subwatershed:

St. Paul Beltline

Location Maps:



RAINGARDEN A & NATIVE PLANTING NOTES:

1. REMOVE ALL EXISTING TURF VEGETATION WITHIN PROPOSED RAINGARDEN AND NATIVE PLANTING AREAS AND PREP FOR NATIVE PLANT INSTALLATION. [1-2 HERBICIDE APPLICATIONS AS NEEDED]
2. EXCAVATE RAINGARDEN AREA, LOOSEN UNDERLYING SOILS 6-12", AND INSTALL 1' AMENDED SOILS IN RAINGARDEN BASIN AREA.
3. GRADE OUT FLAT RAINGARDEN BASIN AREA AND 4H:1V SIDE SLOPES. USE TRACKED EQUIPMENT ONLY.
4. RIP UNDERLYING SOILS 6-12" TO REMOVE COMPACTION AND ENCOURAGE INFILTRATION. [DETAIL ON SHEET L400]
5. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS.
6. INSTALL C125 / SC150BN OR EQUIVALENT NATURAL NETTING EROSION CONTROL BLANKET OVER ENTIRE RAINGARDEN AREA. PLANT WITH NATIVE SPECIES. [SEE SHEET L300 FOR PLANTING PLAN]
7. FRONT YARD NATIVE PLANTING AREAS TO BE COVERED IN 2-3" THICK TWICE SHREDDED HARDWOOD MULCH AND PLANTED WITH NATIVE SPECIES PER PLANTING PLAN ON SHEET L200.
8. CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY PERIMETER & EROSION CONTROL MEASURES DURING ANY SOIL DISTURBANCE PERIODS.

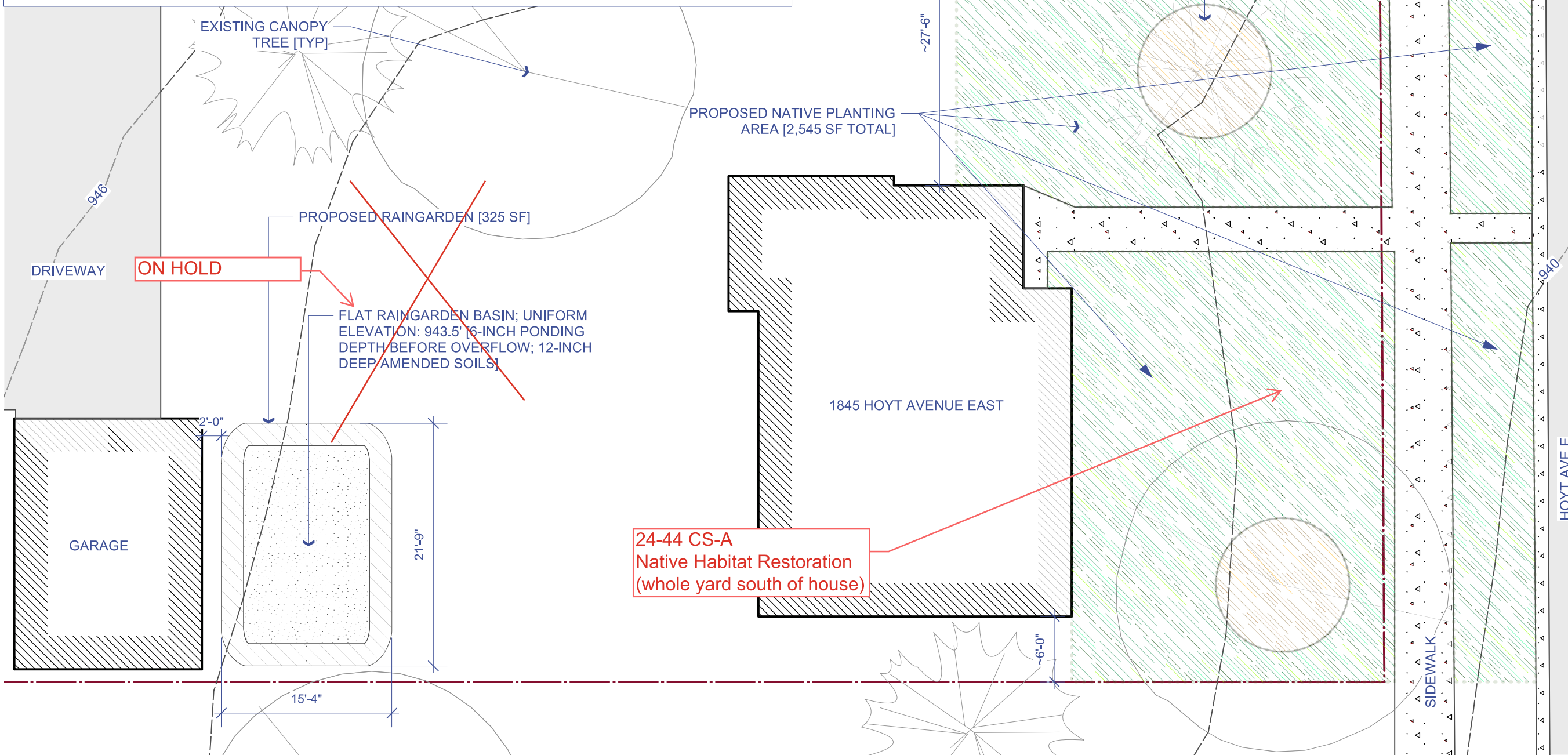
9. CONTRACTOR TO VERIFY ANY REQUIRED CHANGES WITH RCSWCD PRIOR TO INSTALLATION. MAINTAIN SQUARE FEET AND PONDING DEPTH.
10. ELEVATIONS PROVIDED ARE APPROXIMATE, SITE VERIFY FINAL ELEVATIONS TO ENSURE PROPER PONDING DEPTH, OVERFLOW, ETC.

Pollutant Reductions: Anderson				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	2,099	61	2,038	97%
TSS (lbs/yr)	7.00	-	7.00	100%
TP (lbs/yr)	0.040	-	0.040	100%

Watershed Data			
Target Rainfall	1.1	in	
Soil Type:	B	HSG:	
Soil IR	0.45	in/hr	
Surface	Sq-ft	Acre	CN
Alley/Driveway	2,440	0.056	98
Roof	376	0.009	98
Turf Grass/Lawn	1,264	0.029	79
Total	4,080	0.094	
% Imp	69%		

PLAN LEGEND:

- NATIVE PLANTING
- MULCH RINGS
- FLAT RAINGARDEN BASIN
- 4H:1V RAINGARDEN SIDE SLOPES
- PARCEL BOUNDARY (APPROX)
- 2' CONTOUR ELEVATION



RAMSEY COUNTY
 RAMSEY COUNTY SWCD
 1845 VAN DYKE STREET
 MAPLEWOOD, MN 55109
 651-266-7280
 www.ramseycounty.us

PROJECT:
 ANDERSON RESIDENCE
LOCATION:
 1845 HOYT AVENUE EAST
 SAINT PAUL MN, 55119
WATERSHED DISTRICT:



DESIGNER: NICK NEYLON
DATE: 11/1/2023
PAST REVISION:
PAST REVISION:
PAST REVISION:
PAST REVISION:
CHECKED BY: BTO
TAA:

- NOTES:**
- ELEVATIONS ARE APPROXIMATE
 - UTILITY LOCATIONS ARE APPROXIMATE, CONFIRM LOCATIONS PRIOR TO WORK
 - CONTRACTOR ACQUIRE NECESSARY PERMITS PRIOR TO START
 - EXCAVATE WITH TRACKED EQUIPMENT ONLY
 - SIZE AND SHAPE OF PROJECT MAY VARY, VERIFY CHANGES WITH RCSWCD STAFF PRIOR TO INSTALL
 - ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=10'-0"

SITE PLAN
L100

Consent Agenda Action Item

Board Meeting Date: September 4, 2024

Agenda Item No: 3E

Preparer: Tina Carstens, Administrator

Item Description: Change Order No. 1 for the Woodbury Target Store Targeted Retrofit Project (Peterson Companies)

Background:

Change order 1 for the Woodbury Target Store Targeted Retrofit Project is attached. This change order has various items described in the attached memo.

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: Implement retrofit water quality improvement projects.

Staff Recommendation:

Approve Change Order No. 1.

Financial Implications:

This change order will increase the contract price by \$16,073.93.

Board Action Requested:

Approve Change Order No. 1.

Change Order No. 1
Ramsey-Washington Metro Watershed District
Target – Woodbury Stormwater Retrofits

DATE OF ISSUANCE: August 27, 2024

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

Contractor: Peterson Companies
8326 Wyoming Trail
Chisago City, MN 55013
Attn: Brad Nelson

Engineer: Barr Engineering Company
4300 MarketPointe Drive, Suite 200
Minneapolis, MN 55435
Attn: Katie Turpin-Nagel

C.O.1.A Furnish and Install Granular Borrow (TON)

Description of Change:

This change reflects the need to import Granular Borrow material for soil corrections in the parking lot. During storm infrastructure installation, unsuitable soils were discovered in the parking lot, which required the import of granular borrow material to stabilize the subbase for storm infrastructure, bituminous, and curb and gutter installation.

Bid Form:

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

Bid Item	Description	Unit	Estimated Quantity	Unit Price	Estimated Cost
C.O.1A	Furnish and Install Granular Borrow	TON	273	\$47.41	\$12,942.93

Measurement and Payment:

Add the following to Section 01 22 00 (Unit Price Measurement and Payment) 1.04 BID ITEMS:

C.O.1.A. Furnish and Install Granular Borrow

1. Method of Measurement: Furnish and Install Granular Borrow shall be measured on the basis of unit weight in tons (Ton) of Granular Borrow placed for bituminous parking lot soil corrections. Volume weight measurement shall be based on truck tickets provided to Engineer and rounded to the nearest ton. Contractor shall keep record of truck loads and supply copies of truck tickets to Engineer.

2. Basis of Payment: Contractor shall be paid a unit price per ton (Ton) for Granular Borrow placed for bituminous parking lot soil corrections determined based on weigh tickets, provided to the Engineer by Contractor from a certified scale. Tickets shall be added together and rounded to the nearest whole ton. Loads will not be included in the measurement unless a weight ticket accompanies the load and a copy is provided to the Engineer prior to application for payment. This unit price shall be payment in full for the costs of all supervision, materials, equipment, labor, supplies, profit and overhead, and performing all operations necessary to furnish and install granular borrow for bituminous pavement soil corrections, including compaction, to the grades shown on the Drawings and in accordance with the Specifications, all complete as specified.

C.O.1.B Herbicide Application

Description of Change:

This change reflects the need to apply herbicide to control weed growth in project locations where mechanical or hand pulling methods are not feasible. Application areas include, but may not be limited to, areas above retaining walls and the planting soil stockpile. The herbicide applicator is to assess locations with Peterson companies per mobilization. Weed growth occurred in project extents because construction paused during the month of July to transition to a new Contract.

Bid Form:

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

Bid Item	Description	Unit	Estimated Quantity	Unit Price	Estimated Cost
C.O.1B	Herbicide Application	EA	2	\$898.00	\$1,796.00

Measurement and Payment:

Add the following to Section 01 22 00 (Unit Price Measurement and Payment) 1.04 BID ITEMS:

C.O.1.B. Herbicide Application

1. Method of Measurement: Herbicide application shall be measured on the unit basis of each (EA) mobilization to the site to treat weed growth in project areas where mechanical or hand pulling methods are not feasible.
2. Basis of Payment: Contractor shall be paid a unit price per each (EA) herbicide application. These unit prices shall be payment in full for the costs of all supervision, materials, equipment, labor, supplies, profit and overhead, and performing all operations as are necessary to treat weeds within the project extents and within stockpiles with herbicides, all complete as specified.

C.O.1.C Existing Drain Tile Connection to CB-03

Description of Change:

This change reflects the need to connect an existing drain tile in the North Parking lot to proposed catch basin, CB-03. During excavation for CB-03 an existing drain tile was found in the north parking lot that originally discharged to existing structure EX ST-03. This existing drain tile was un-marked and unknown prior to construction. Reconnection to EX ST-03 is not possible with the proposed location of CB-03 and

elevations of the ductile iron storm sewer. To allow continued drainage of this existing draintile, connection to proposed catch basin CB-03 will be required. Connecting to proposed CB-03 will require core drilling an entry into the catch basin, installing draintile extensions and fittings as necessary to connect to the catch basin, installing a water resilient connection, and grouting the draintile. Draintile not connected to CB-03 (a small section that extends to EX ST-03) will be left in place and capped on its upstream end).

Bid Form:

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

Bid Item	Description	Unit	Estimated Quantity	Unit Price	Estimated Cost
C.O.1C	Existing Draintile Connection to CB-03	LS	1	\$1,335.00	\$1,335.00

Measurement and Payment:

Add the following to Section 01 22 00 (Unit Price Measurement and Payment) 1.04 BID ITEMS:

C.O.1.C. Existing Draintile Connection to CB-03

1. Method of Measurement: Existing Draintile Connection to CB-03 shall be measured as a single lump sum (L.S.) unit.
2. Basis of Payment: Contractor shall be paid a lump sum (L.S.) price for existing draintile connection to CB-03. This unit price shall be payment in full for the costs of all supervision, materials, equipment, labor, supplies, profit and overhead, and performing all operations as are necessary to connect the existing draintile to CB-03 including the installation of draintile pipe of the type and size matching existing, including excavating, disposing of excavated material offsite, trenching, installing and compacting bedding material, all fittings and appurtenances, backfilling and compaction around the pipes; core drilling an entry into the catch basin, installing a resilient connection, grouting the draintile connection, all complete as specified.

Change in Contract Time: None

Total Impact on Contract Price:

These changes are anticipated to *increase* the contract price by **\$16,073.93**.

This Change Order No. 1 is:

Submitted By:
(ENGINEER)



Katie Turpin-Nagel, P.E., Project Engineer
Barr Engineering Company

Date: 08/27/2024

Approved By:
(CONTRACTOR)



Brad Nelson, Project Manager
Peterson Companies

Date: 8/28/24

Authorized By:
(OWNER)

Val Eisele, President
Ramsey-Washington Metro Watershed District

Date: _____

* * * * *

Permit Program

* * * * *

Permit Application Coversheet

Date September 04, 2024

Project Name Woodbury WTP Woodlane-Hargis Pkwy

Project Number 24-41

Applicant Name Tony Kutzke, City of Woodbury

Type of Development Linear

Property Description

This project is located along Woodlane Drive and Hargis Parkway, south of Bailey Road in the City of Woodbury. The applicant is proposing to construct new drinking water pipelines for the purposes of water conveyance to and from the city's new water treatment plant. This segment of water pipelines includes a site area of 2.84 acres. The applicant has submitted a variance request for Stormwater Management (Rule C) since the area is primarily outside of the District's hydrologic boundary, and the impervious area is already being treated to current water quality standards within facilities located in South Washington Watershed District (SWWD). Though partially within the District's jurisdictional boundary, the majority of the reconstructed impervious area does not drain to RWMWD, there is no net increase in impervious area, and there are no adverse impacts to RWMWD (Carver Lake subwatershed). To minimize disruption to the adjacent school during construction, a temporary erosion control permit was issued on 8/2/24 to accommodate an earlier start date with the goal of substantial completion before the school year begins.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

There are no water quantity concerns.

Water Quality Considerations

Short Term

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

Long Term

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

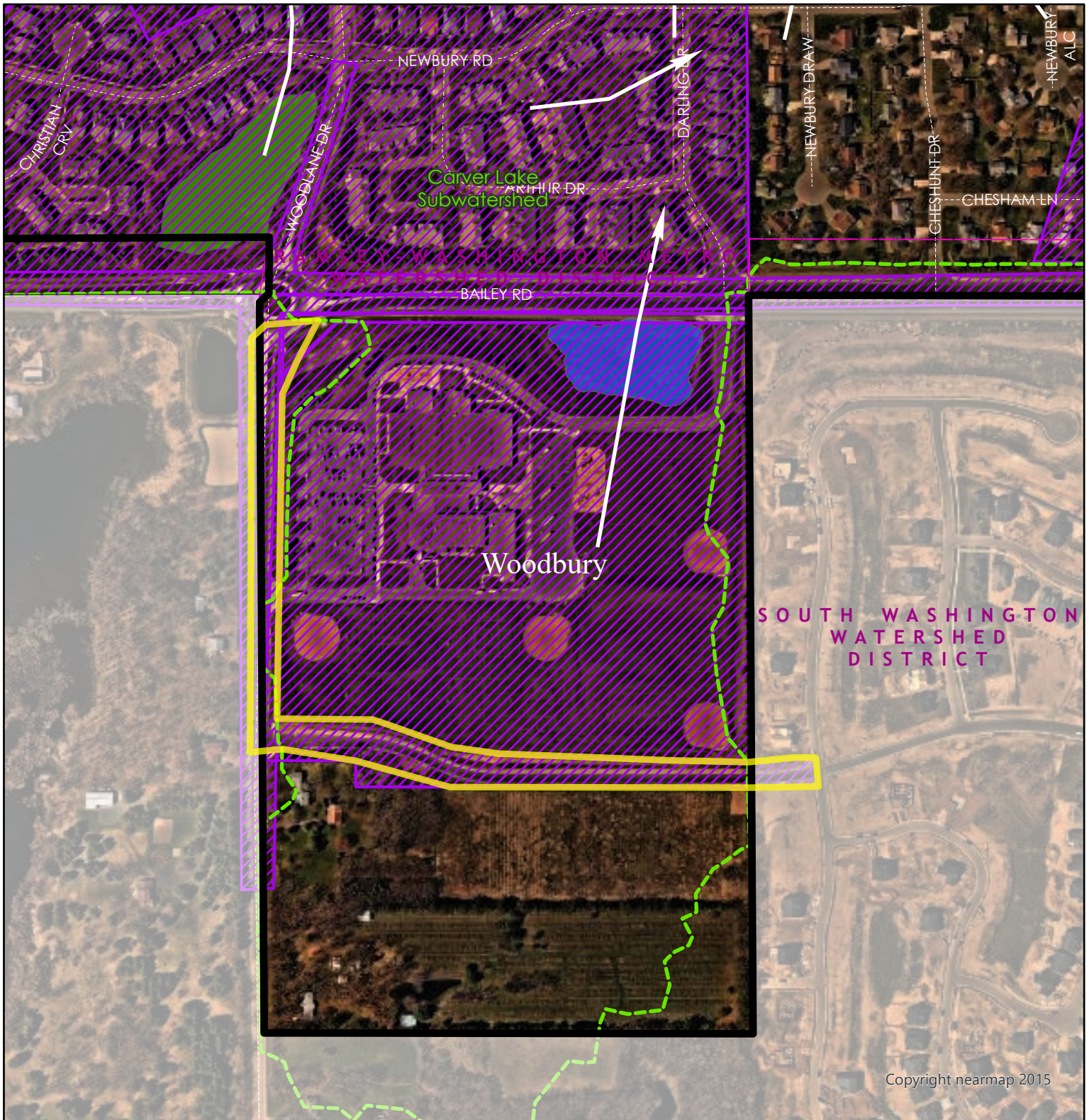
Staff Recommendation

Staff recommends approval of this permit with the variance request (Rule C).

Attachments:

- Project Location Map**
- Project Grading Plan**

#24-41 Woodbury WTP Woodlane-Hargis Pkwy



Copyright nearmap 2015

Wetlands

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

- Flow Arrows
- Roads
- Permits
- Cities
- Subwatersheds
- RWMWD Boundary

Shaded area is outside RWMWD

Highlighted Areas
Represent Active Permit

0 0.05 0.1 Miles

0 300 600 US Feet

N

24-41

Special Provisions

None



MEMORANDUM

To: RWMWD

From: AE2S

Re: Woodbury WTP – Pipelines Project Variance Request Memo for Excluding Impervious from WQV Requirements

Date: August 7, 2024

PURPOSE

The City of Woodbury's (City) WTP – Pipelines project requires stormwater treatment for Water Quality Volume (WQV) in accordance with City of Woodbury, South Washington Watershed District (SWWD), and Ramsey-Washington Metro Watershed District's (RWMWD) rules. We are applying for a variance to exclude from the water quality volume requirement the fully reconstructed impervious surfaces that are already treated to current standards and will continue to be treated in the same manner. This memo summarizes the reasons for this request and why approving this request will not negatively impact Carver Lake.

BACKGROUND

The City is building new water pipelines to convey raw water from wells located throughout the City to the City's new Water Treatment Plant (WTP) and treated water from the same WTP back to the community. The project's construction limits are split between RWMWD and SWWD. The project is split up into seven different segments. Each segment will be bid and constructed separately. Four of the segments fall within the bounds of RWMWD: Woodlane Drive and Hargis Parkway Distribution Pipelines, South Wellfield Raw Water and Distribution Pipelines, Pioneer Drive and WTP Connection Pipelines, and Tamarack Wellfield Raw Water Collector Pipelines.

The Woodlane Drive and Hargis Parkway Distribution Pipelines project area covers two previous projects: Hargis Parkway Extension BMP (**Attachment C**) and Bailey Road Management and Safety Project (**Attachment D**). These projects constructed the trails being disturbed by the pipelines project. Each project met stormwater management requirements and was approved by RWMWD and SWWD. The pipelines project will be disturbing the trails to install pipelines and then returning all areas to pre-project conditions. All existing drainage areas and land use will remain the same. Therefore the fully reconstructed impervious surfaces will remain treated to

August 7, 2024

their approved stormwater management plan. Additionally, pollutant loading and rate discharges will remain the same because the land use within the project area remains the same pre and post project.

VARIANCE REQUEST

The Project is proposing to construct regional BMPs due to limited available land within the project corridors and opportunity to locate BMPs where treatment will provide additional benefits to the overall watershed. Because the fully reconstructed impervious surface areas in the Woodlane Drive and Hargis Parkway Distribution Pipelines is already treated to standards, the City is seeking approval to exclude the fully reconstruct impervious surface areas from the Project's required WQV.

After discussing this request with RWMWD, RWMWD requested modeling be submitted as part of the variance request that demonstrates the project does not have an impact to Carver Lake. This memo summarizes the modeling completed and the finding that the project does not change stormwater discharges to Carver Lake.

PROJECT INFORMATION

As shown in **Table 2**, there a total of 2.03 acres of impervious surface within the Woodlane Drive and Hargis Parkway Distribution Pipelines, of which 1.78 acres is within RWMWD. Of that 1.78 acres, 0.65 acres is fully reconstructed impervious surface. The fully reconstructed impervious surface in SWWD is excluded for treatment by SWWD requirements as it's already treated to current standards.

Table 1 *Impervious Areas with Woodlane Drive and Hargis Parkway Pipelines Project Area*

Total Impervious Area (acres)	Impervious Area in SWWD (acres)	Total Impervious Area in RWWWD (acres)	Impervious Treated and Unchanged Area in RWMWD (acres)	Impervious Treated and Fully Reconstructed Area in RWMWD (acres)	Untreated and Unchanged Area in RWMWD (acres)
2.03	0.25	1.78	1.08	0.65	0.05

The 0.65 acres of fully reconstructed impervious surface within RWMWD flows via overland flows and storm sewer to either the City of Woodbury's Pond SC2065/SC2066 or Washington County's Pond SC595. The City of Woodbury's Pond SC2065/SC2066 is a 2-cell wet pond and filtration

Woodbury WTP - Pipelines

Re: Woodbury WTP – Pipelines Project Variance Request Memo for Excluding Impervious from WQV Requirements

August 7, 2024

basin located within SWWD. Washington County's Pond SC595 is a dry pond located within RWMWD. As stated above, all of the impervious surfaces were constructed under an approved stormwater management plan in 2018 and 2020. Therefore, these areas are considered treated to current standards.

MODELING

To address RWMWD request to provide modeling that shows the project does not have an impact to Carver Lake, a Hydrocad model was constructed that includes the Woodlane Drive and Hargis Parkway Distribution Pipelines project area. **Figure 2** in **Attachment A** shows the subcatchments, storm sewer, and topography for the analysis. See **Attachment B** for the HydroCAD summary.

The model includes Pond SC2065/SC2066 because the pond has a flow split between west to La Lake and north to Carver Lake and the project area tributary to Pond SC595. Pond SC595 was not included because the project area tributary to Pond SC595 directly discharges to RWMWD and the Carver Lake watershed so rates from the project area watershed area report in this memo to reflect the project's direct discharge rates to RWMWD.

Pond SC2066's discharge is split between going west to La Lake or north to Carver Lake via two separate outlets in the wet pond. The La Lake outlet is at 1005.57 and The Carver Lake outlet is slightly higher, at 1005.64. Pond SC2065 also equalizes with the filtration basin with a pipe at 1003.60 and the filtration drain tile to La Lake. Ultimately this results in the majority of the discharge from Pond SC2065/SC2066 going to La Lake, including all of the treatment volume and the entire 2-year event. See **Table 2** for a summary of the discharge rates.

Table 2 Summary of Site Discharge Rates from Pond SC2065/SC2066

Rainfall	Discharge to La Lake (SWWD) (cfs)	Discharge to Carver Lake (RWMWD) (cfs)
2.79" (2-year)	0.4	0.0
4.17" (10-year)	1.7	0.5
7.40" (100-year)	28.0	6.7

The entire project area also includes the small watershed that directly drains to RWMWD. **Table 3** reports the total project discharges to RWMWD and SWWD.

Table 3 Summary of Site Discharge Rates from Entire Project Area

Rainfall	Discharge to La Lake (SWWD) (cfs)	Discharge to Carver Lake (RWMWD) (cfs)
2.79" (2-year)	0.4	0.9
4.17" (10-year)	2.0	1.5
7.40" (100-year)	29.1	8.6

Per RWMWD Rule C – 3.c, “stormwater runoff shall be retained onsite in the amount equivalent to 1.1 inches of runoff over the new and reconstructed impervious surfaces”. As show in the modeling, the first 1.1” of runoff over the new and reconstructed surfaces in this area goes to SWWD and not RWMWD. Therefore, the required WQV does not impact Carver Lake.

As land use and drainage areas remain the same pre and post project, runoff volumes and discharge rates remain the same between pre and post project.

SUMMARY

The City is requesting a variance for the Woodbury WTP – Pipelines project, to allow for 0.65 acres of fully reconstructed impervious surface to be excluded from the districts WQV requirements. This variance request is based on the modeling findings that the project does not alter rates or loading to RWMWD and the majority of water quality volume is routed to SWWD and the that the area is already covered under an approved stormwater management plan which shows the impervious reconstructed by the project is already being sufficiently treated to the district’s requirements. Because the areas are already sufficiently treated, an additional BMP for the fully reconstructed impervious surfaces would not provide any additional treatment or benefit to the overall watershed.

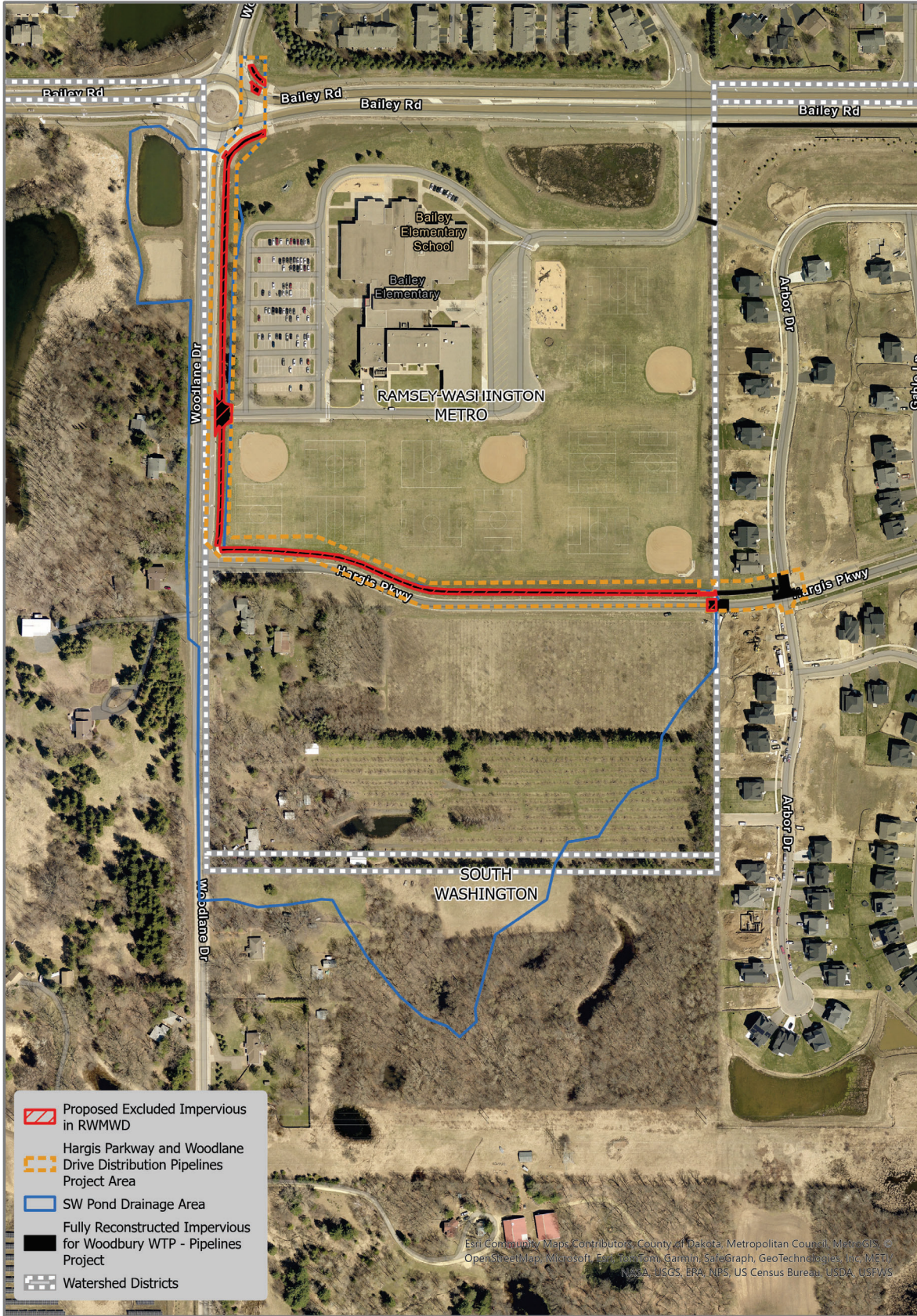
Attachments:

Attachment A – Figures

Attachment B – HydroCAD Summary

Attachment C – Hargis Parkway Extension BMP Memorandum

Attachment D – Washington County CSAH 18 (Bailey Road) Preliminary Drainage Design Technical Memorandum



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S does not warrant this map or its features are either spatially or temporally accurate.
 Coordinate System: NAD 1983 HARN Adj MN Washington Feet | Edited by: SHeiberg | W:\W\Woodbury\05574-2023-013\GIS\WoodburyPipelines2.aprx | RWMWD Variance Figure - Excluded Impervious

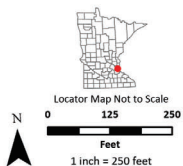
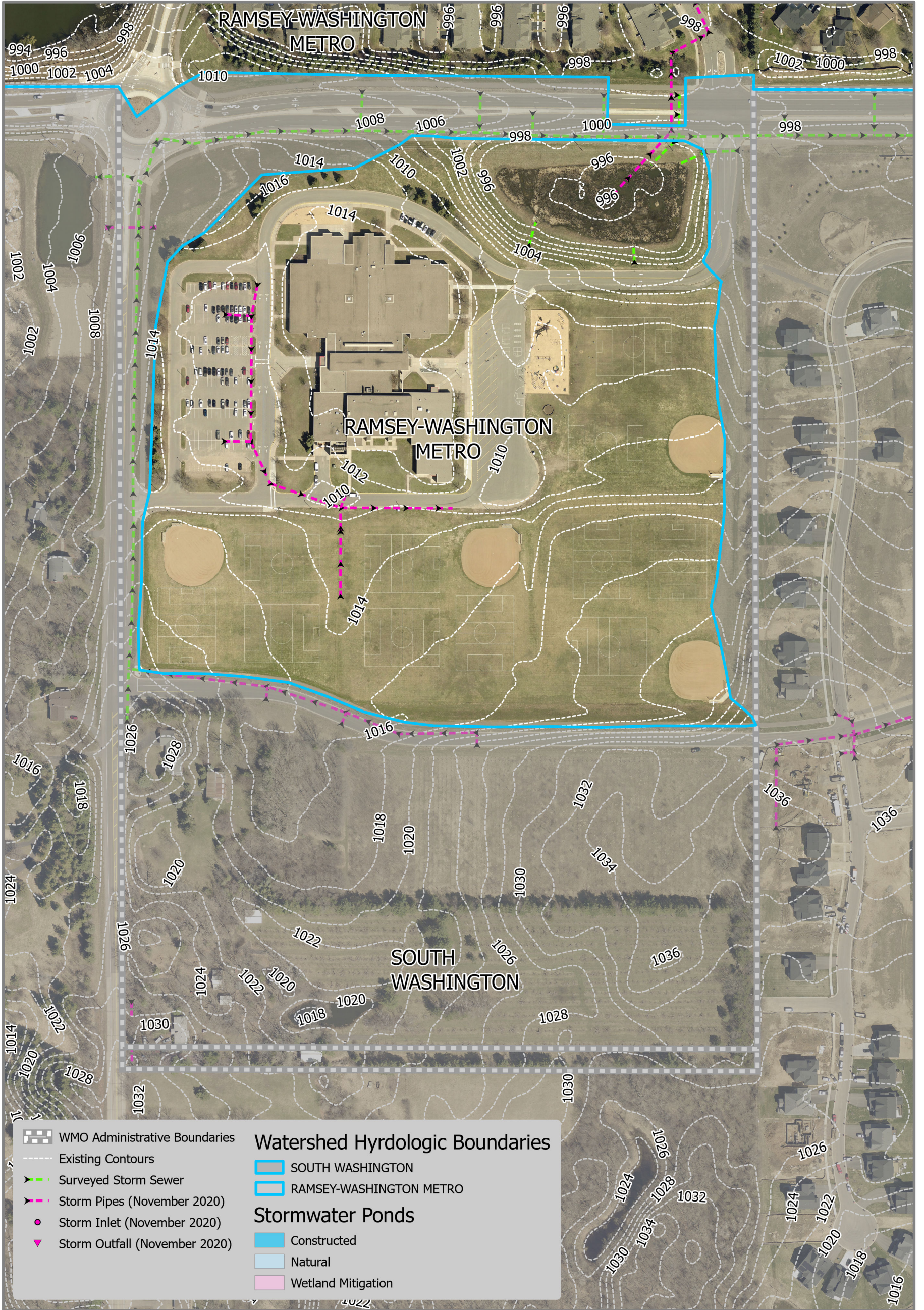


Figure 1
**HARGIS PARKWAY AND WOODLANE DRIVE DISTRIBUTION
 PIPELINES PROJECT SEGMENT EXCLUDED AREAS**
 WOODBURY WTP - PIPELINES / CITY OF WOODBURY
 Woodbury | Washington County, MN



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S does not warrant this map or its features are either spatially or temporally accurate. Coordinate System: NAD 1983 HARN Adj MN Washington Feet | Edited by: SHeiberg | W:\W\Woodbury\05574-2023-013\GIS\WoodburyPipelines2.aprx | Portrait 11x17

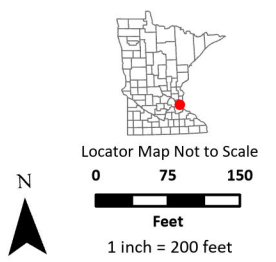


Figure 1

WMO ADMINISTRATIVE VS. HYDROLOGIC BOUNDARIES
WOODBURY WTP - PIPELINES / CITY OF WOODBURY
 Woodbury | Washington County, MN



Date: 4/3/2024

Permit Application Coversheet

Date September 04, 2024

Project Name MnDOT Hwy 61- Arcade/7th St

Project Number 24-44

Applicant Name Bryce Fossand, MnDOT

Type of Development Linear

Property Description

This project is located on 7th Street East and Arcade Street, from Minnehaha Avenue to Roselawn Avenue in the cities of St. Paul and Maplewood. The project area includes areas in Capitol Region Watershed District (CRWD), for which CRWD will be administering a separate permit. The total disturbed area is 24.88 acres. The applicant is proposing a partial roadway reconstruction and partial resurfacing project with curb and ADA improvements. Within RWMWD, 3.89 acres of impervious area are proposed to be reconstructed. 6 underground infiltration systems are proposed to meet stormwater treatment requirements. Pretreatment will include sumped catch basins and skimmer structures. Within RWMWD, the project will result in a decrease of 0.43 acre of impervious area over existing conditions. The project includes replacement and repair work of stormwater flared end structures in Round Lake, a DNR Public Water with a wetland fringe (Type 5, Management Class B). In order to accommodate this work, a variance request for temporary disturbance to the buffer of Round Lake is included with the permit request. Disturbed areas will be restored with upland and wetland seed mixes.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

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

Water Quality Considerations

Short Term

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

Long Term

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

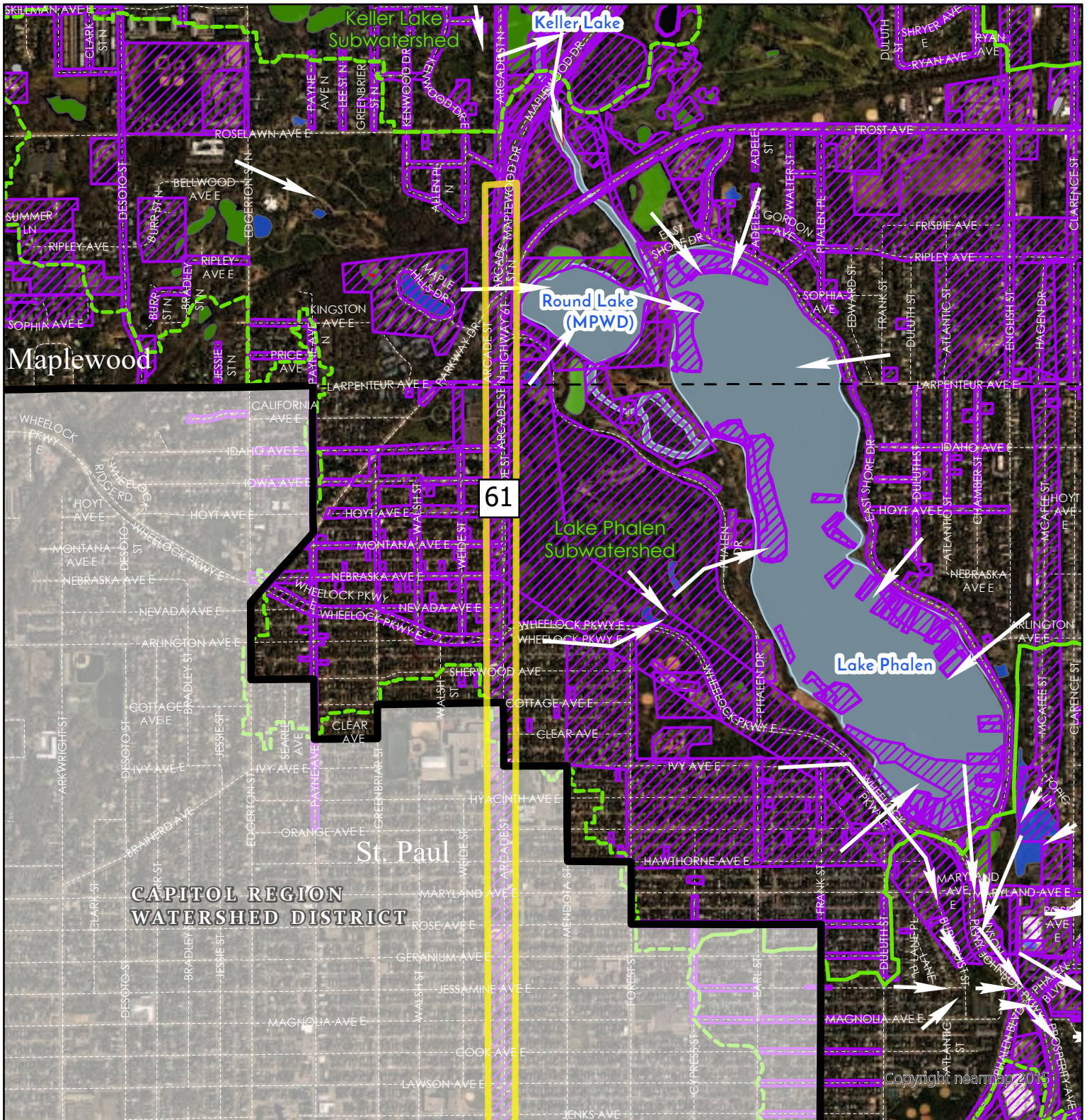
Staff Recommendation

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

Attachments:

- Project Location Map**
- Project Grading Plan**

#24-44 MnDOT Hwy 61-Arcade/7th St.



Wetlands

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

- Flow Arrows
- Flow_Arrows (Major)
- Roads
- Permits
- Cities
- Subwatersheds
- Lakes
- RWMWD Boundary

Shaded area is outside RWMWD

Highlighted Areas Represent Active Permit

0 0.23 0.45 Miles

0 1,000 2,000 US Feet

N

24-44

Special Provisions

1. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.
2. The applicant shall submit the final, signed plans set.
3. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the Stormwater Pollution Prevention Plan (SWPPP).

a 12279 Nicollet Avenue Burnsville, MN 55337
o 952-402-9202 f 952.403.6803
w stonebrookeengineering.com

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

RE: TH 5/61 (S.P. 6221-107) Wetland Buffer Variance Request

Dear Ms. Maras,

I am writing to request a variance from the requirement of Ramsey-Washington Metro Watershed District surface water buffer rules (Rule E) for the associated permit application for the above referenced project.

The work occurring within the wetland and buffer zone includes installation of a plastic liner in a deteriorating outlet storm pipe to prevent further deterioration and extend the life of the storm pipe. The work also includes an in-kind replacement of an existing structurally deficient storm pipe and apron outlet and installation of riprap to provide adequate dissipation and prevent erosion downstream of the outlet.

The work within the area and buffer zone, will be accomplished with appropriate temporary erosion control installed, redundant BMP's as required, including sediment control logs during construction. The impacts will last less than 90 days and the impacted area will be restored with native vegetation seeding and rolled erosion prevention (erosion control blanket).

MnDOT will be the WCA LGU for wetland impacts within the MnDOT right of way. The Army Corps wetlands on this project are under the TRGP and are non-reporting for the amount and type of related impacts on the project.

I respectfully request this variance from the Ramsey-Washington Metro Watershed District's buffer rules for the above-mentioned reasons.

I have included the following information for your reference and use:

1. Wetland Delineation Report – completed by Kyle Uhler, MnDOT Metro Wetland Specialist
2. Wetland Impact Exhibit – depicting wetland impacts and the Watersheds no-disturb wetland buffer zones

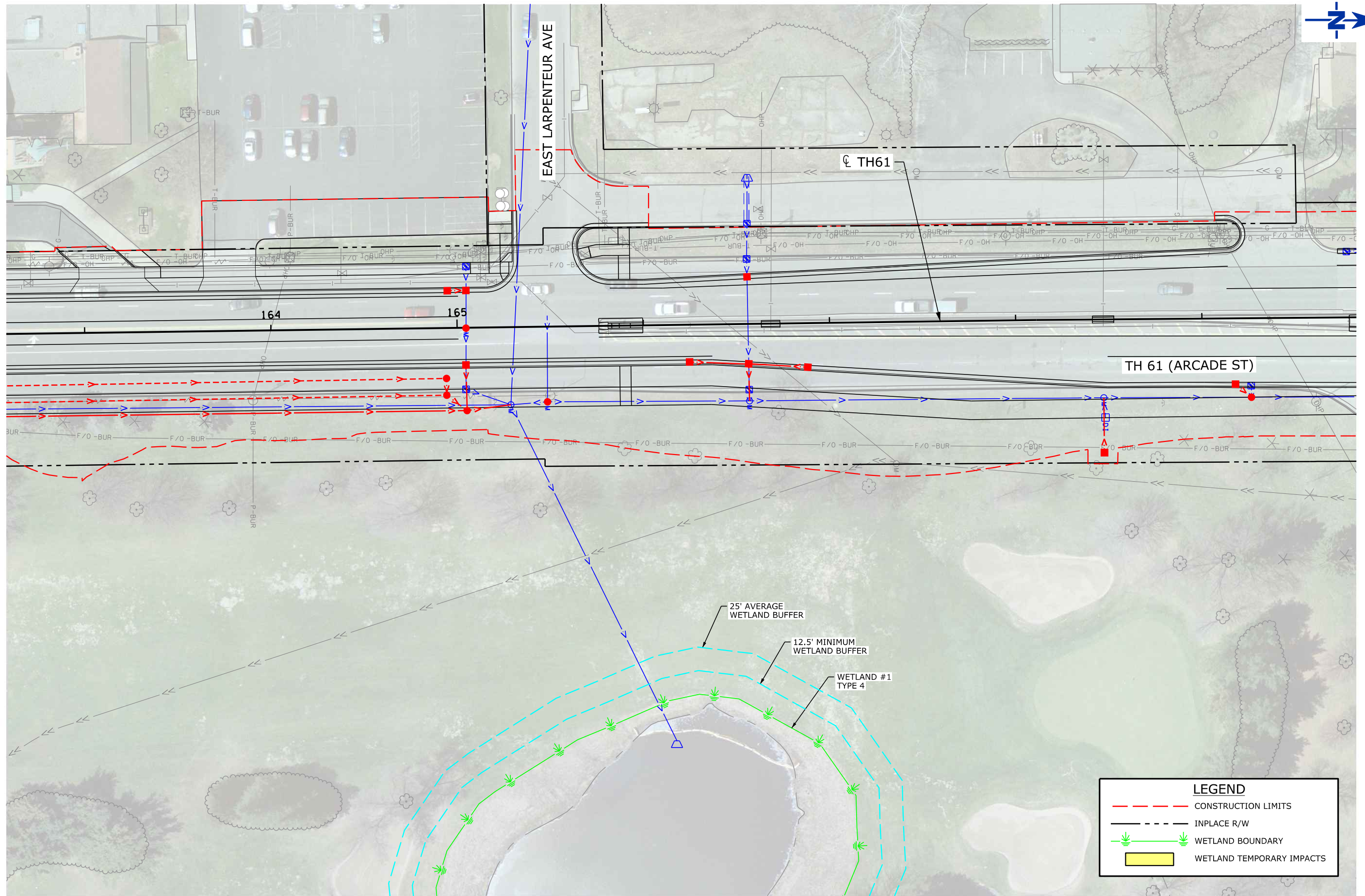
Please feel free to contact me with any questions or requests you may have.

Sincerely,

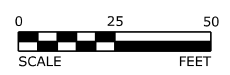
A handwritten signature in black ink that reads "Jessica Griffin". The signature is written in a cursive style with a long, sweeping tail on the "n".

Jessica Griffin, PE
Water Resources Engineer
Stonebrooke Engineering
(952)-540-4855
jgriffin@stonebrookeengineering.com

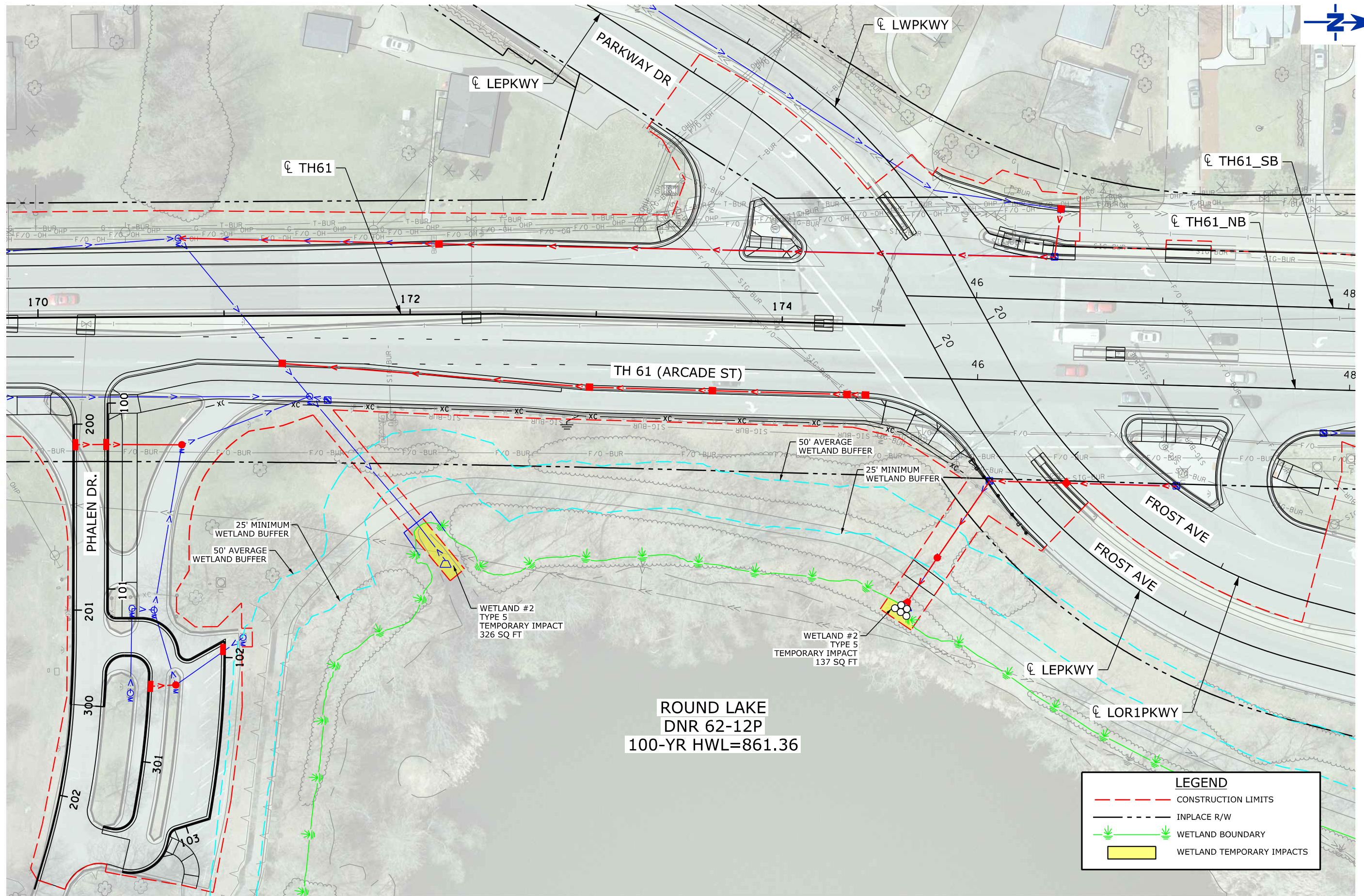
PLOT DRIVER: pdf_color_11x17_Bentley_aerial.plt;g PEN TABLE: T-00946.planset.tbl USER: jgriffin
 PLOT DATE: 7/26/2024 4:07:15 PM FILE: S:\PROJECTS\TRANS\WinDOT\T-00946\Road_Design\Drainage\Wetland_Impacts\cd6221107_wet_impacts.dgn MODEL: 1 - Wetland Impacts



LEGEND	
	CONSTRUCTION LIMITS
	INPLACE R/W
	WETLAND BOUNDARY
	WETLAND TEMPORARY IMPACTS



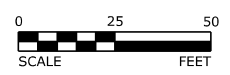
PLOT DRIVER: pdf_color_11x17_Bentley_aerial.plt PLOT DATE: 7/26/2024 4:07:35 PM
 USER: jgriffin
 MODEL: 2 - Wetland Impacts
 FILE: S:\PROJECTS\TRANS\WinDOT\T-00946\Road_Design\Drainage\Wetland_Impacts\cd6221107_wet_impacts.dgn
 PEN TABLE: T-00946.planset.tbl



ROUND LAKE
 DNR 62-12P
 100-YR HWL=861.36

LEGEND

- CONSTRUCTION LIMITS
- INPLACE R/W
- WETLAND BOUNDARY
- WETLAND TEMPORARY IMPACTS





RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

MEMORANDUM

Date: September 4th, 2024

To: Board of Managers and Staff

From: Nicole Maras, Regulatory Program Manager
Mary Fitzgerald, Regulatory Specialist

Subject: August Enforcement Action Report

During August 2024:

Number of Violations:	28
Discharge of Sediment	7
Install/Maintain Inlet Protection	5
Stabilize Exposed Soils	2
Contain/Dispose of Liquid and Solid Wastes	2
Install/Maintain Perimeter Control	3
Improper Dewatering	1
Maintain/Protect Permanent BMPs	2
General Permit Requirements	4
Sweep Streets	1
Install Ditch Checks	1

Permit Program- Activities, Trainings, and Coordination Meetings:

Permit site inspections and progress meetings, meetings with permit applicants, rule guidance assistance and inquiries, Wetland Conservation Act (WCA) administration & procedures, permit submittal reviews with Barr Engineering, initial erosion control walk-throughs at newly active sites, vegetation establishment checks, 48-hour drawdown inspections, permanent BMP installation observations, permanent BMP maintenance inspections, permit enforcement, UMN Erosion and Stormwater Management presentation: Inspection and Corrective Action After a Rain Event, Watershed Equity Alliance monthly check-in, NR Interns shadowing permit team, RWMWD DEIA Workgroup monthly meeting, Permit team check-in, IDDE discussion

Single Lot Residential Permits Approved by Staff:

None

Permits Closed:

18-27 McKnight Road Development (North St. Paul)
23-08 Little Canada 2023 SIP (Little Canada)

Project Updates:

The busy construction season continues, with many permitted sites starting activity in the month of August. Sites starting up work this past month include:

#23-13 Snail Lake Boat Launch (Shoreview)
#24-02 Mister Car Wash (Maplewood)
#24-13 3M Fire Main Replacement (Maplewood)
#24-14 MnDOT Hwy 36 Improvements (Roseville/Little Canada)
#24-16 Justice Alan Page Elementary Parking (Maplewood)
#24-18 The Heights- Habitat for Humanity Blocks 3 & 4 (St. Paul)
#24-30 Doctor G Center (Maplewood)
#24-38 3M Building 209 Demo (Maplewood)

Staff utilize initial erosion control walkthroughs prior to land disturbance activities to ensure projects have all necessary erosion and sediment control BMPs installed, as well as verify general permit requirements, like who is responsible on behalf of the site to perform weekly and 0.5”> rain event inspections.

#23-29 and #22-23 Shoreview Deluxe Redevelopment Phase I & II (Shoreview)

Staff have observed ongoing turbidity issues in an existing onsite stormwater pond at the Shoreview Deluxe project off Victoria Street. The exact cause of the turbidity has been hard to identify, but staff have urged site contractors to do more investigative work to determine if any of the turbidity could be coming from their site. Staff met with the general contractor, earthwork contractor, city of Shoreview, and Ramsey County on July 31st to discuss the problems. The contractor communicated they do not believe the sediment discharge is coming from their work.

Staff revisited the site on August 1st during a substantial rain event to see where the water was flowing. Staff observed several potential areas where sediment was leaving the construction site and communicated findings to the project team. Staff followed up with the project on August 13th requiring a response of repair work completed, and provided notification that enforcement escalation would occur if corrective actions were not completed. Staff revisited the site again on August 21st and found the site in severe non-compliance with some action taken but additional repair work needed. Staff communicated that the site needed all repair completed by the end of the next business day or a stop work order would be issued. The contractor followed up with photos of necessary repair work completed on August 22nd. Staff plan to complete a follow up visit the week of August 26th to ensure all repair items are being regularly maintained.

Staff photos from 8-1-24 showing possible locations of turbid discharge into the existing stormwater pond.

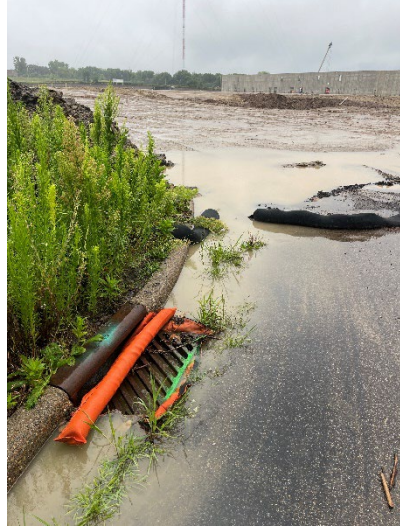
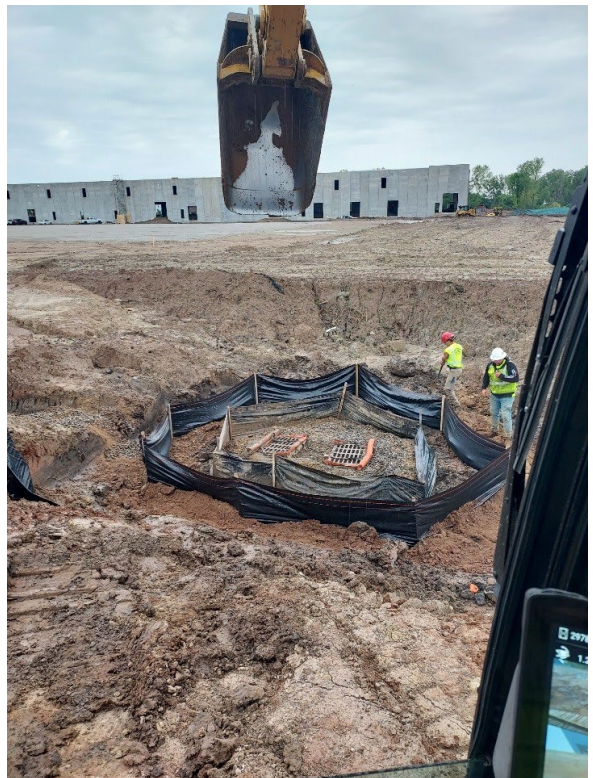


Photo (below): Overwhelmed silt fence needing repair noted on 8-21-24 afternoon

Photo (right): Silt fence repair work in progress sent by contactor on 8-22-24 afternoon



* * * * *

Stewardship Grant Program

* * * * *

Stewardship Grant Program Budget Status Update

September 4, 2024

		Last Month	This Month	Last Month	This Month
Homeowner	Coverage	Number of Projects: 25	Number of Projects: 28	Funds Allocated	Funds Allocated
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	14	15	\$38,113	\$43,913*
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	9	10	\$54,955	\$62,655*
MN Water Steward Project	100% Cost Share \$15,000 Max	0	1	\$0	\$1,500**
Shoreland Restoration	100% Cost Share \$15,000 Max	2	2	\$13,497.40	\$13,497.40

		Last Month	This Month	Last Month	This Month
Commercial, School, Government, Church, Associations, etc.	Coverage	Number of Projects: 15	Number of Projects: 16	Funds Allocated	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	4	4	\$24,597.50	\$24,597.50
Shoreland Restoration (below 100-year flood elevation w/actively eroding banks)	100% Cost Share \$100,000 Max	0	0	\$0	\$0
Priority Area Projects	100% Cost Share \$100,000 Max	4	4	\$281,211.50	\$381,211.50
Non-Priority Area Projects	75% Cost Share \$50,000 Max	0	0	\$0	\$0
Public Art (\$50,000 Reserved)	50% Cost Share \$15,000 Max/Project	2	2	\$5,323	\$5,323
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	0	1	\$0	\$12,500
Enhanced Street Sweeping (\$250,000 Reserved)	Varies	5	5	\$142,375	\$142,375

Maintenance	50% Cost Share \$7,500 Max for 5 Years	77	80	\$60,930	\$64,835**
Consultant Fees				\$59,322	\$60,120
Total Allocated				\$792,824	\$812,527

*includes funds to be approved at current board meeting

** includes staff approvals since previous board meeting

2024 Stewardship Grant Program Budget		
	Last Month	This Month
Budget	\$1,250,000	\$1,250,000
Total Funds Allocated	\$792,824	\$812,527
Total Available Funds	\$457,176	\$437,473

* * * * *

Action Items

* * * * *

Request for Board Action

Board Meeting Date: September 4, 2024

Agenda Item No: 7A

Preparer: Tina Carstens, Administrator

Item Description: Approval of District budget and preliminary levy for fiscal year 2025.

Background:

The board discussed the preliminary budget table at the August Board meeting. That draft budget has been noticed in the legal newspaper, Pioneer Press, and posted on the District web site. No comments have been received to date. The required public hearing will be held at the September board meeting prior to this action item to receive comments. At the public hearing I will give a short presentation on the proposed 2025 budget and preliminary levy and highlight any changes I have made since the August meeting. I continued to review our current year status and carry over potential to refine the levy impact for 2025. We also received word about a grant we have received. The changes since August have brought the proposed preliminary levy increase to 4.88%.

This preliminary budget approval is required to be sent to the county by September 30th. We can then further refine the budget up until December 11th board meeting when the final levy will be approved. While this budget does show an increase in the proposed levy over 2024, that number will be further refined before the December meeting. I would anticipate the 4.88% increase to stay or be less by the December meeting.

Attached to this cover sheet is the resolution, draft budget table, budget program line item breakouts, narrative, and draft slides for the public hearing budget presentation. On the budget table, the changes since the August meeting are highlighted in purple. The changes to all the lines except 54 were changed to standardize the contingency in those line items to be 10% of the requested budget amount. That change is also shown in the budget breakdown tables. On line 54, I have changed the levy need to reflect the grant that has been awarded for the Roosevelt Homes Phase III project. The grant received is shown in the other funds column.

Applicable District Goal and Action Item:

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

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

Staff Recommendation:

Approve the draft budget for purposes of the preliminary levy and approve resolution 24-03.

Financial Implications:

The counties require preliminary levy certification by September 30th of each year. This step is required for final levy authority in December.

Board Action Requested:

Approve the draft budget for purposes of the preliminary levy and approve resolution 24-03.



RESOLUTION 24-03

RESOLUTION APPROVING THE PRELIMINARY PAYABLE 2025 TAX LEVY

WHEREAS, the Ramsey-Washington Metro Watershed District (District) prepared a budget for fiscal year 2025 to implement the District's programs and projects as defined in the District's Watershed Management Plan; and

WHEREAS, the District distributed the proposed budget and levy for review and comment and conducted a requisite public hearing on September 4, 2024;

NOW, THEREFORE, BE IT RESOLVED by the Board of Managers of the Ramsey-Washington Metro Watershed District that the following preliminary levy be certified to Ramsey and Washington Counties.

General Revenue Levy	\$7,341,900
<u>Debt Service Levy</u>	<u>\$395,406</u>
Total Levy	\$7,737,306

Adopted by the Board of Managers of the Ramsey-Washington Metro Watershed District this 4th day of September, 2024.

Val Eisele, President

Attest:

Mark Gernes, Secretary

Fiscal Year 2025 Budget V2
September 4, 2024 Preliminary Budget and Levy

Budget ID Number	Budget Item	FY 2024 Budget	General Fund	Capital Improvements	Carry-over Funds	Other Funds	Total Proposed 2025 Budget	Increase (decrease) from 2024 Budget
1	Engineering							
	Administration	122,000	122,000				122,000	0
2	Engineering Review	75,000	80,000				80,000	5,000
3	Permit Application Review	65,000	70,000				70,000	5,000
4	Permit Inspection and Enforcement	10,000	10,000				10,000	0
5	Project Feasibility Studies	260,000	418,000				418,000	158,000
6	GIS Maintenance	5,000	5,000				5,000	0
7								
8	Attorney							
	General	40,000	40,000				40,000	0
9	Permit Enforcement	5,000	5,000				5,000	0
10								
11	Managers							
	Meeting Per diems	7,000	7,000				7,000	0
12	Managers Expenses	3,000	3,000				3,000	0
13								
14	Auditor/Accounting							
	Auditor/Accounting	80,000	80,000				80,000	0
15								
16	Miscellaneous							
	Dues & Publications	17,000	20,000				20,000	3,000
17	Insurance	65,000	70,000				70,000	5,000
18	Committee & Board Meeting Expenses	4,000	4,000				4,000	0
19	Miscellaneous	5,000	5,000				5,000	0
20								
21	Administrative							
	Salary & Benefits	2,000,000	2,100,000				2,100,000	100,000
22	Employee Expenses	10,000	10,000				10,000	0
23	Janitorial/Trash Services/Snow Plowing	15,000	30,000				30,000	15,000
24	Building Maintenance	100,000	80,000				80,000	(20,000)
25	Utilities (gas,electric, water, sewer, maintenance)	20,000	20,000				20,000	0
26	Office Supplies	7,000	7,000				7,000	0
27	Copying/Printing	5,000	5,000				5,000	0
28	Postage/Delivery	2,000	2,000				2,000	0
29	Office Furniture & Computer Equipment	80,000	50,000				50,000	(30,000)
30	Office Equipment Maintenance	2,000	0				0	(2,000)
31	Training/Education	75,000	75,000				75,000	0
32	Telephone	2,000	2,000				2,000	0
33	District Vehicles/Maintenance	60,000	60,000				60,000	0
34	Database/GIS Maintenance & Equipment	20,000	20,000				20,000	0
35	IT Services/Internet/Website/Software Licenses	100,000	110,000				110,000	10,000
36	Outside Program Support	57,000	40,700				40,700	(16,300)
37	Outside Consulting Services	40,000	40,000				40,000	0
38								
39	Program							
	WMP, Lakes, TMDLs, Grants	154,500	337,700				337,700	183,200
40	Activities							
	Natural Resources Program	120,000	166,100				166,100	46,100
41	Water Monitoring-Lab Costs & Equip.	285,000	509,300				509,300	224,300
42	Research Projects	150,000	126,500				126,500	(23,500)
43	Project Operations	150,000	150,000				150,000	0
44	Education, Communication, Events	166,000	171,600				171,600	5,600
45	Health & Safety Program/Staff In-House Training	4,000	5,000				5,000	1,000
46								
47	Capital Improvements							
	Maplewood Mall SRF Loan Debt Service	92,000		92,543			92,543	543
48	Summary							
	Beltline and Battle Creek Tunnel Repair Debt Service	302,963		302,863			302,863	(100)
49	Targeted Retrofit Projects	1,950,000		290,000	300,000	580,000	1,170,000	(780,000)
50	Stewardship Grant Fund	1,250,000		750,000	500,000		1,250,000	0
51	Fish Creek Tributary Improvements	1,375,000		375,000	700,000	230,000	1,305,000	(70,000)
52	Project Repair & Maintenance	2,125,000		1,680,000	1,040,000		2,720,000	595,000
53	Wetland Restoration Projects	700,000		0	350,000		350,000	(350,000)
54	Flood Risk Reduction Fund	5,400,000		240,000	5,000,000	345,000	5,585,000	185,000
	Totals	17,582,463	5,056,900	3,730,406	7,890,000	1,155,000	17,832,306	249,843

	Budget Total	Budget Total By Fund		Proposed Levy
		General Fund	CIB	
2025 Budget Total and totals by fund	17,832,306	5,056,900	12,775,406	7,737,306
2024 Budget Total and totals by fund	17,582,463	4,387,500	13,194,963	7,377,463
2025 Budget increase or (Decrease) from 2024 Budget	249,843	669,400	(419,557)	359,843
2025 Budget % change from 2024 Budget	1.42%	15.26%	-3.18%	4.88%

2025 Budget Program Line Item Breakouts for Preliminary Budget and Levy

Project Feasibility Studies (Line 5)	
Manufactured Homes Resilience Evaluation	\$20,000
Phalen Village Improvements	\$5,000
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$25,000
Street Sweeping	\$20,000
Tanners, Battle Creek Lake, McKnight Basin outlet operation plan	\$35,000
Interim Emergency Response Plans (Non-Beltline Areas)	\$30,000
Flood Risk Reduction feasibility study - N of ABI	\$75,000
Flood Risk Reduction feasibility study - Placeholder	\$50,000
Stormwater Model Updates	\$50,000
Studies Stemming From Creek Walks	\$30,000
Shoreline Assessment Assistance	\$20,000
Wetland Restoration Planning	\$20,000
Contingency (10% of line item budget)	\$38,000
Total =	\$418,000

Outside Program Support (Line 36)	
Watershed Partners	\$10,000
Blue Thumb	\$3,000
East Metro Education	\$13,000
Cooperative Weed Management Program	\$10,000
GIS Users Group	\$1,000
Contingency (10% of line item budget)	\$3,700
Total =	\$40,700

WMP, Lakes, TMDLs, Grants (Line 39)	
Grant Applications	\$20,000
Watershed Management Plan Updates - Board Workshops and Engagement	\$115,000
Kohlman Lake Alum Treatment	\$172,000
Contingency (10% of line item budget)	\$30,700
Total =	\$337,700

NR Program (Line 40)	
Ongoing Site Maintenance	\$25,000
Carp Management Program	\$56,000
Restoration Project Work	\$30,000
Equipment Needs	\$40,000
Contingency (10% of line item budget)	\$15,100
Total =	\$166,100

Water Monitoring (Line 41)	
WQ Equipment Replacement and Repair	\$103,000
Lab Costs	\$165,000
Barr Engineering Monitoring Assistance and Reporting	\$85,000
Battle Creek/Fish Creek Special Monitoring Lab Costs	\$110,000
Contingency (10% of line item budget)	\$46,300
Total =	\$509,300

Research (Line 42)	
Minnesota Stormwater Research Council	\$50,000
Wakefield Lake Aeration Feasibility	\$50,000
New Technology Reports	\$15,000
Contingency (10% of line item budget)	\$11,500
Total =	\$126,500

Education/Events/Communications (Line 44)	
Education and Work in Schools	\$50,000
Communications and Marketing	\$60,000
WaterFest	\$40,000
Watershed Excellence Awards	\$6,000
Contingency (10% of line item budget)	\$15,600
Total =	\$171,600

Targeted Retrofits (Line 49)	
2024 Project Completion (Woodbury Target and Pioneer Park)	\$20,000
St. Paul Youth Services	\$350,000
Cochran Recovery Center	\$400,000
Maplewood Toyota	\$400,000
Total =	\$1,170,000

Project Repair and Maintenance (Line 52)	
2025 Project Repair and Maintenance Contract	\$500,000
Beltline 5 year Inspection and Survey	\$325,000
Beltline Fix Near River Outfall	\$1,520,000
Routine Inspections and Unplanned Maintenance ID	\$125,000
BMP and NR Maintenance Program	\$250,000
Total =	\$2,720,000

Flood Risk Reduction Fund (Line 54)	
Ames Lake Area Improvements Design	\$2,250,000
Roosevelt Homes Phase III	\$415,000
Kohlman Creek Improvements	\$1,920,000
Funding for Implementation of Future Flood Risk Reduction Projects	\$1,000,000
Total =	\$5,585,000

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

2025 BUDGET NARRATIVE V2

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
General Fund Budget Summary:			
1	<p>Engineering - Administration Oversight of all District Engineering activities, supervising staff assigned to projects, responding to general inquiries of the public and the Board, and preparing correspondence and billings. Engineering attendance at meetings of the District-covers Board and related project meetings, mini case studies, data collection, analysis, preparation of reports as requested by the managers and assisting in District water management planning activities. This also includes preparation for board workshop topics as requested.</p>	122,000	0
2	<p>Engineering - Review Review and comment on plans and proposals submitted to the District for review relative to District regulations, policies and concerns. Assist communities and counties with data and information needs related to projects and plans.</p>	80,000	5,000
3	<p>Engineering - Permit Application Review and Processing Provides for Engineering assistance in review of all permit applications, clarifying problems with the developer, meet developer on-site, coordinate permit issues with communities, counties, and other regulatory bodies.</p>	70,000	5,000
4	<p>Engineering - Permit Inspection & Enforcement Inspect projects when a designed improvement is involved and requested by District staff.</p>	10,000	0
5	<p>Engineering - Project Feasibility Studies This item provides a budget item for annual feasibility studies in preparation of future capital improvement projects. See Program Budget Line Item Breakout table.</p>	418,000	158,000
6	<p>Engineering - GIS Maintenance Provides funds for maintenance and assistance of the District GIS system.</p>	5,000	0

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
8	Attorney - General Legal advice at meetings, research on various issues for Board consideration, preparation and publication of legal notices, preparation of Board resolutions, and other matters requiring legal counsel.	40,000	0
9	Attorney - Permit Enforcement Legal advice on permit sites including enforcement activities, letter and legal action as necessary.	5,000	0
11	Manager per Diems Manager per diems for regular and special meeting attendance. Increased budget due to increase in state statute amount allowed for manager per diems.	7,000	0
12	Manager Expenses Manager Expenses incurred in the performance of official manager duties, such as attendance at conferences and meetings and related expenses.	3,000	0
14	Auditor/Accounting Preparation of the District's annual audit and provide monthly accounting services.	80,000	0
16	Dues & Publications Dues for appropriate organization memberships (MAWD, League of MN Cities, etc.) and for purchase of necessary publications and reference materials.	20,000	3,000
17	Insurance District General Liability, Property/Casualty, Public Official Liability insurance, etc.	70,000	5,000
18	Committee & Board Meeting Expenses Budget to cover miscellaneous expenses related to the duties and activities of District advisory committees, such as, meeting refreshments, supplies, public information materials, etc.	4,000	0

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
19	Miscellaneous Expenses Expenses of the District not elsewhere classified. Examples include: miscellaneous financial charges and expenses, District tour expenses, pass through expenses, etc.	5,000	0
21	Staff Salaries, Taxes & Benefits Includes salary, taxes, insurance and benefits for existing full time staff plus summer interns. This budget includes an allowance for a salary increases and increased benefit costs.	2,100,000	100,000
22	Employee Expenses This includes mileage, parking, and supply expenses incurred by the District's staff.	10,000	0
23	Janitorial/Trash Services/Snow Removal Contract services required for office building and winter snow removal.	30,000	15,000
24	Building Maintenance Building repairs, equipment and landscape maintenance expenses.	80,000	(20,000)
25	Utilities (gas, electric, water, sewer) Provides for office building utility expenses.	20,000	0
26	Office Supplies Office supply costs for district operations.	7,000	0
27	Copying/Printing Photocopying and commercial printing expenses.	5,000	0
28	Postage/Delivery District postage and delivery expenses.	2,000	0
29	Office Furniture and Computer Equipment Acquisition of necessary new and replacement office equipment and furniture.	50,000	(30,000)

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
30	Office Equipment Maintenance To fund office equipment maintenance.	0	(2,000)
31	Training/Education Training and education expenses for the District staff including pursuing equity/inclusion work.	75,000	0
32	Telephone District telephone expenses. Includes office phone system and support costs.	2,000	0
33	Vehicle Replacement, Equipment and Maintenance Provides for fleet maintenance and equipment as well as a new vehicle purchase.	60,000	0
34	Database & GIS Maintenance and Equipment Provides for improvements to district database programs for permit program, stewardship grant program, inspections and timesheets. Also includes GIS system needs.	20,000	0
35	IT Services/Internet/Web Site/Software Licenses Provides for maintenance and upgrades to computer network and software upgrades.	110,000	10,000
36	Outside Program Support Provides budget for financial support of programs that provide support to the District and its goals. See attached list.	40,700	(16,300)
37	Outside Consultant Services Provides funds for contracting special services with outside consultants as needs arise in the year. This includes DEIA work consultants.	40,000	0
39	WMP, Lakes, TMDLs, Grants This item is for various water body studies and related topics. See Program Budget Line Item Breakout table.	337,700	183,200

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
40	<p>Natural Resources Program This item includes funding for project to enhance ecological diversity within the District – habitat restoration projects, site maintenance, studies and research.</p>	166,100	46,100
41	<p>Water Quality Monitoring Includes lab costs and equipment for lake sampling, BMP monitoring and performance monitoring. See attached list for breakdown.</p>	509,300	224,300
42	<p>Research Projects This account provides funds for conducting research into various water and resource management issues and problems. The budget includes contributions to the Minnesota Stormwater Research (MSR) program as well as the potential projects shown in the attached Program Budget Line Item Breakout table.</p>	126,500	(23,500)
43	<p>Project Operations This budget provides funds for the ongoing operational costs for District projects that incur utility or supply costs. Some examples include the auto lake level monitoring systems as well as the Keller Channel Weir and Phalen Outlet modification operations.</p>	150,000	0
44	<p>Education, Communication Events Production of materials and programs designed to improve the understanding and knowledge of the school children, general public, city and county staff, developers and others of the District's programs and watershed management. This includes continued support of Master Water Stewards Program as well as support of the Adopt-a-Drain program. This will be used to support our communications and marketing plan including updates to printed materials, accessibility audit of our digital platforms, and a community survey. Provide funds for the annual WaterFest program and Watershed Excellence Awards program. This year will also include the recognition and celebration of the district's 50th year!</p>	171,600	5,600
45	<p>Health & Safety Program/Staff In-house Training Provides funds to support the District staff safety program, training costs, equipment.</p>	5,000	1,000

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
Capital Improvement Budget Summary:			
47	Maplewood Mall SRF Loan Debt Service Annual payment for the State Revolving Fund (SRF) loan for Maplewood Mall Phase IV project.	92,543	543
48	2016 Beltline and Battle Creek Tunnel Repair Debt Service This is the principal and interest payment for a bond issue approved in 2016.	302,863	(100)
49	Targeted Retrofit Projects This budget is to fund projects that have been targeted by the District as a priority project for water quality and natural habitat. Projects are vetted in the current year and potential project implementations are planned for 2025. Projects with the most potential at this time are planned for. Other projects identified to meet the goals for targeted retrofits may also present themselves over the next year. Staff will manage projects within the proposed Targeted Retrofit Projects budget and present them to the board as they develop. See Program Budget Line Item Breakout table.	1,170,000	(780,000)
50	Stewardship Grant Fund Provide funds for cost-share assistance to local partners, churches, public and private developers and homeowners for funding of volume reduction, habitat restoration, and other practices above the requirements of District rules.	1,250,000	0
51	Fish Creek Tributary Improvements This is a capital improvement project that may materialize out of the 2022 feasibility study of the same name. This is a water quality project in the Fish Creek subwatershed to target sediment based on the impairment the creek has.	1,305,000	(70,000)
52	Project Repair and Maintenance Provides funds for the maintenance of District projects and trunk conveyor system. Also includes funds for continuation of a BMP maintenance program and a contingency fund. See Program Budget Line Item Breakout table.	2,720,000	595,000

Budget Line No.	Item & Description	Budget Amount	Change from '24 increase (decrease)
53	<p>Wetland Restoration Projects Provides funds for wetland restoration work throughout the district. This year’s money will be used to complete the Cottage Place Wetland Restoration Project.</p>	350,000	(350,000)
54	<p>Flood Risk Reduction Fund Provides funds for flood control projects including acquisition or flood proofing of existing flood prone structures. Assistance to cities to reduce flood risks in areas identified by District modeling of Atlas 14 storm events could also be included. This fund pools money for projects that meet the board’s flood risk reduction goals. Funds are also held in reserves for other project opportunities that may arise. See the Program Budget Line Item Breakout table.</p>	5,585,000	185,000



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

Quality Water for Quality Life.

2025 Preliminary Budget & Levy

Public Hearing Overview

	Budget Total	General Fund Budget	CIP Budget	Proposed Levy
2025	\$17,832,306	\$5,056,900	\$12,775,406	\$7,737,306
2024	\$17,582,463	\$4,387,500	\$13,194,963	\$7,377,463
Increase or (Decrease)	\$249,843	\$669,400	(\$419,557)	\$359,843
2025 % Change from 2024	1.42%	15.26%	-3.18%	4.88%



Capital Improvement Program Project Breakdowns

Targeted Retrofit Projects	
2024 Project Completion (Woodbury Target and Pioneer Park)	\$20,000
St. Paul Youth Services	\$350,000
Cochran Recovery Center	\$400,000
Maplewood Toyota	\$400,000
Total=	\$1,170,000

Project Repair and Maintenance	
2025 Maintenance Contract	\$500,000
Beltline Inspection and Survey	\$325,000
Beltline Fix Near River Outfall	\$1,520,000
Routine Inspections and Maintenance	\$125,000
BMP and NR Maintenance Program	\$250,000
Total=	\$2,720,000

Flood Risk Reduction Projects	
Ames Lake Area Improvements	\$2,250,000
Roosevelt Homes Phase III	\$415,000
Kohlman Creek Improvements	\$1,920,000
Future Flood Risk Reduction Projects	\$1,00,000
Total=	\$5,585,000



Capital Improvement Program

CIP Project	2025 Proposed Total Budget	Carry-Over	Other Funds	2025 CIP Levy Needs
Maplewood Mall SRF Loan Debt Service	\$92,543	-	-	\$92,453
Beltline/Battle Creek Tunnel Debt Service	\$302,863	-	-	\$302,863
Targeted Retrofit Projects	\$1,170,000	\$300,000	\$580,000*	\$290,000
Stewardship Grant Fund	\$1,250,000	\$500,000	-	\$750,000
Fish Creek Tributary Improvements	\$1,350,000	\$700,000	\$230,000**	\$375,000
Project Repair & Maintenance	\$2,720,000	\$1,00,000	-	\$1,720,000
Wetland Restoration Projects	\$350,000	\$350,000	-	\$0
Flood Risk Reduction Fund	\$5,585,000	\$5,000,000	\$385,000***	\$200,000
TOTALS	\$12,775,406	\$7,850,000	\$1,195,000	\$3,730,406

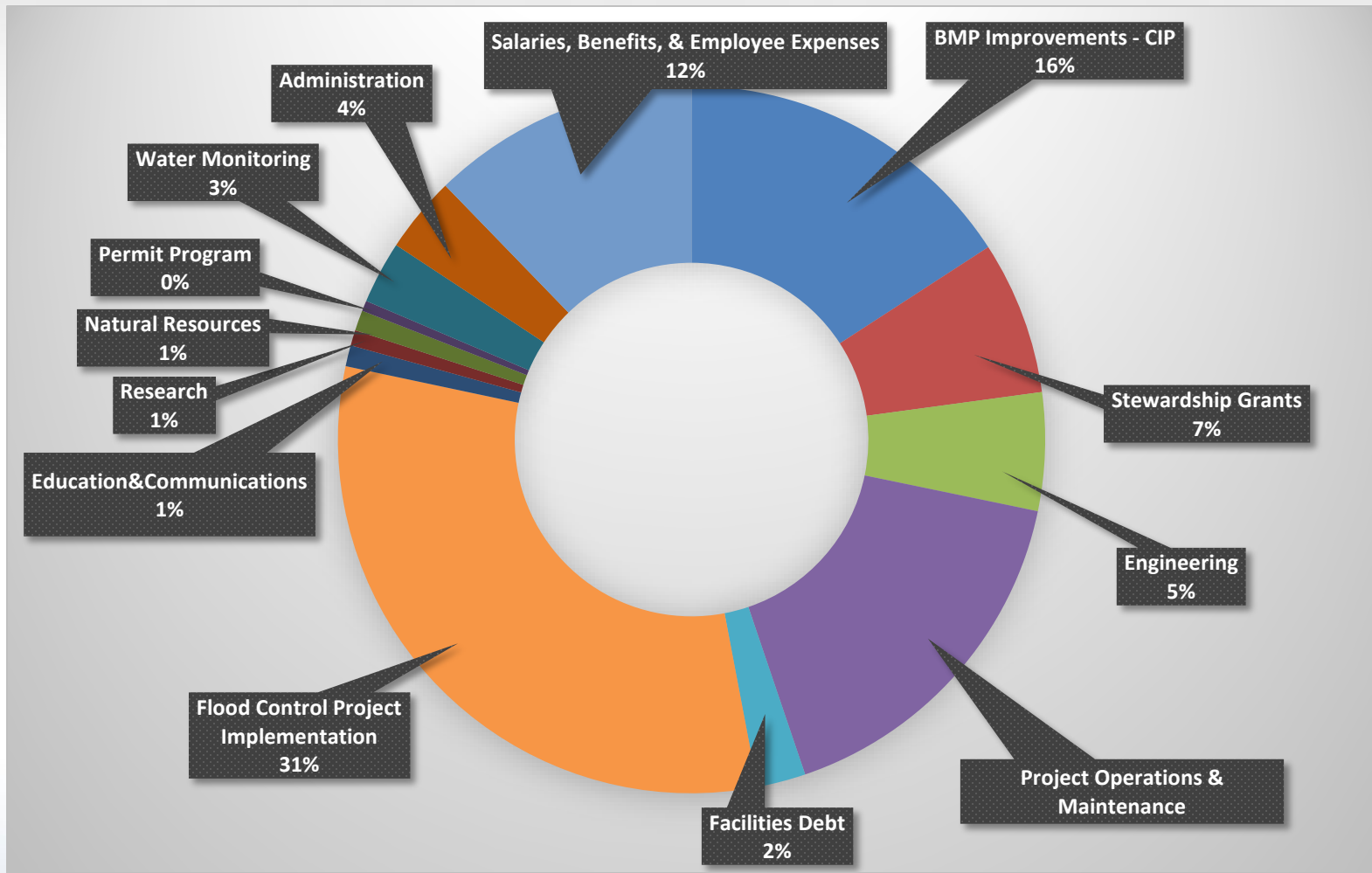
*Stormwater Impact Funds

**Watershed Based Implementation Funds

***Implementation Stormwater Resilience Grant



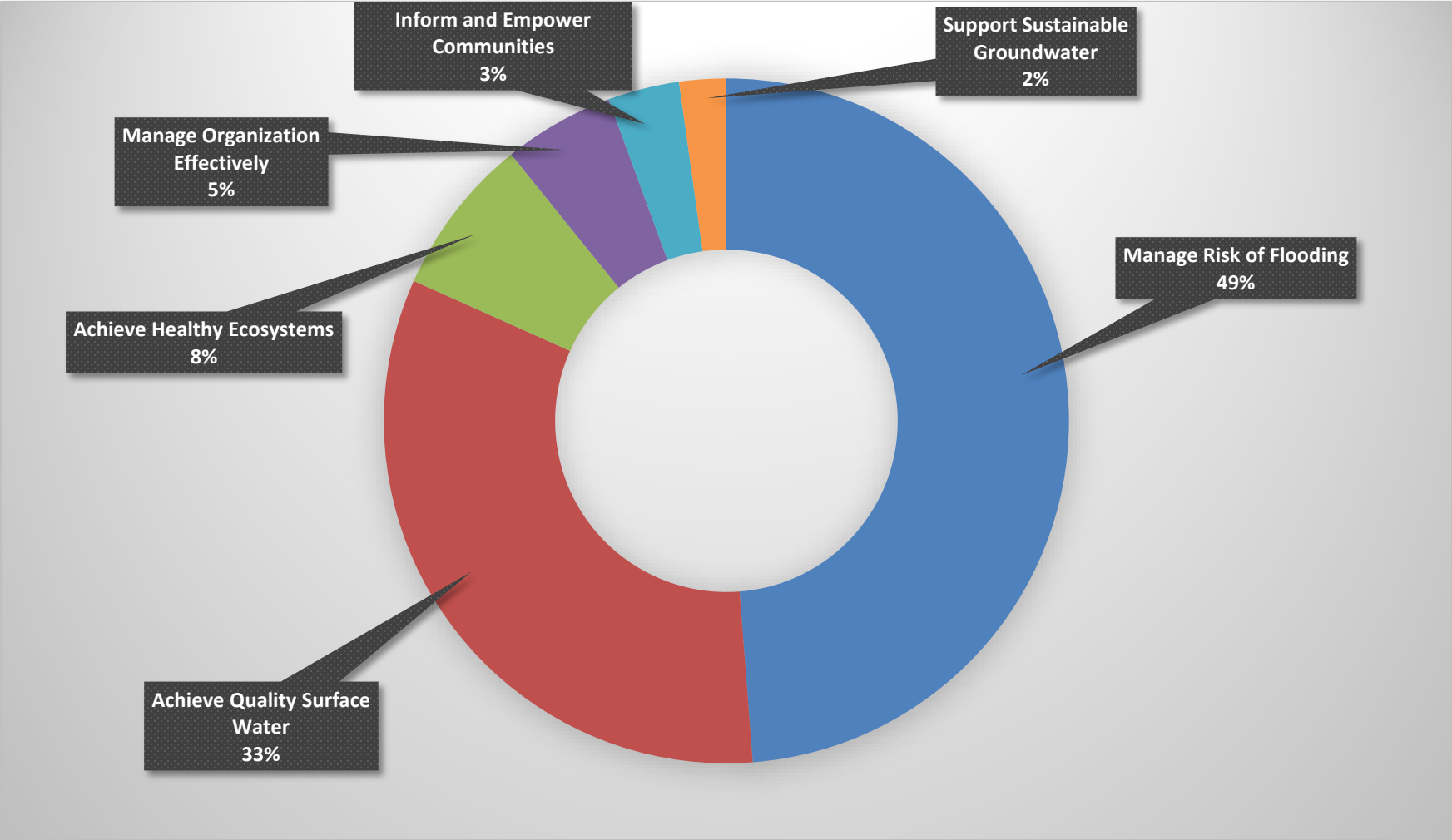
Budget by Program Area



Projects and Programs: 84%
Administrative Costs: 16%

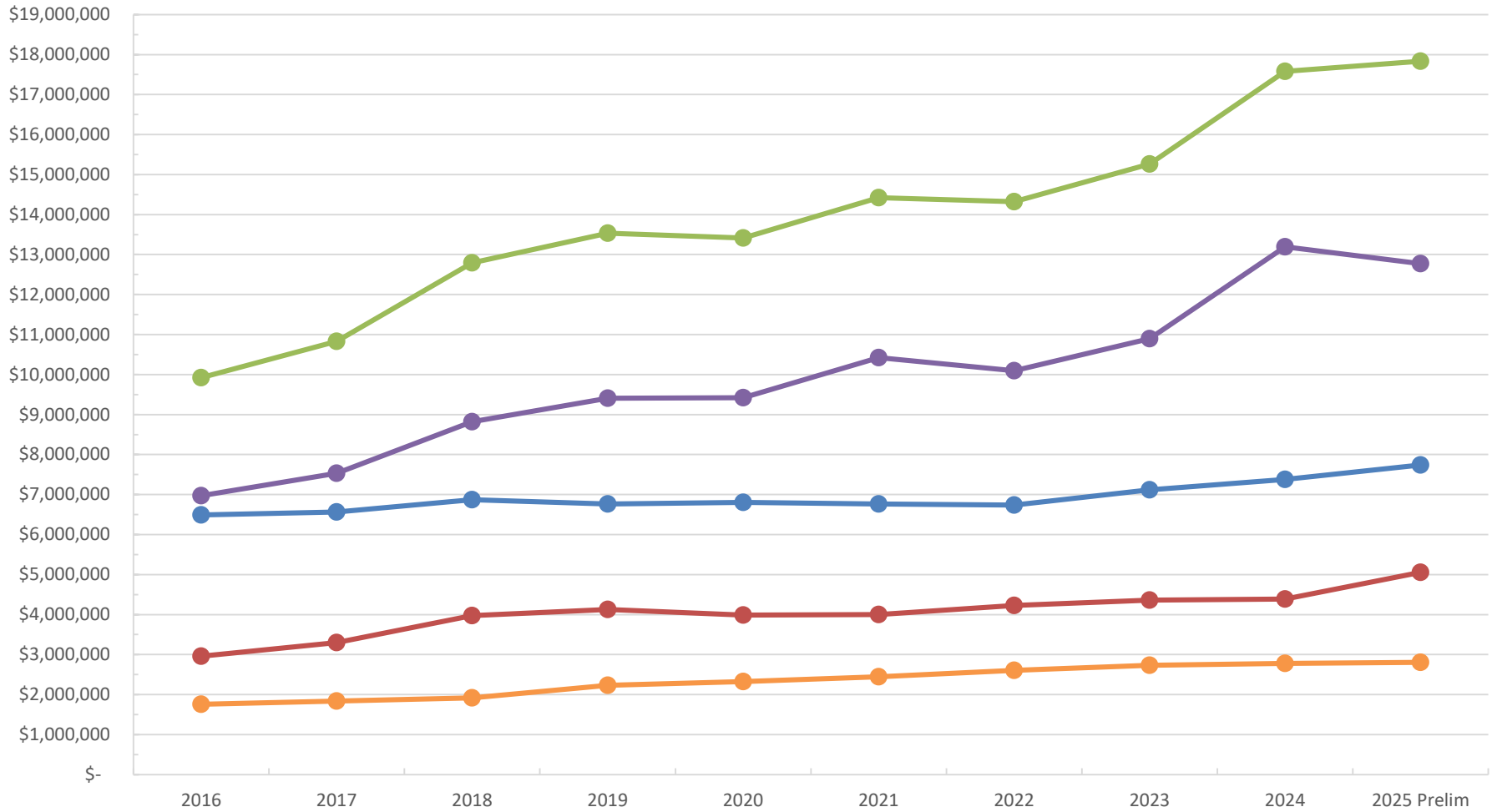


Budget by Watershed Management Plan Goals



10 Year Historical Levy and Budget

—●— Total Budget —●— CIP Budget —●— Total Levy —●— General Fund Balance —●— Admin Budget



Impact of Proposed Levy on Residential Homestead Taxes

2025 Local Tax Rate = 2.994% (increase of 18.3% from 2024)

Assumes a -2.3% change in market value from 2024 to 2025, the median change.

Proposed Pay 2025					
Market Value	Homestead Market	Taxable	Tax	Taxing District	Change
Before Exclusion	Value Exclusion	Market Value	Capacity	Portion of Tax	From 2023
319,900 (median)	17,800	302,100	3,021	\$90.45	11.7%
250,000	24,100	225,900	2,259	\$67.63	10.5%
300,000	19,600	280,400	2,804	\$83.95	11.4%
350,000	15,100	344,900	3,349	\$100.27	12.1%
400,000	10,600	389,400	3,894	\$116.59	12.5%





RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

Quality Water for Quality Life.

rwmwd.org

* * * * *

Administrator's Report

* * * * *

MEMO

TO: Board of Managers and Staff
FROM: Tina Carstens, Administrator
SUBJECT: August Administrator's Report
DATE: August 29, 2024

A. Meetings Attended

Monday, August 5	11:00 AM	Phalen Creek Daylighting Design Meeting
Tuesday, August 6	ALL DAY	Salt Symposium
	8:30 AM	MAWA Executive Committee
Wednesday, August 7	ALL DAY	Salt Symposium
	6:30 PM	Board Meeting
Friday, August 9	11:00 AM	MnDOT Protect Grant Meeting
Monday, August 12	11:30 AM	Fish Creek Tributary
Thursday, August 15	9:00 AM	U of M Ecological Research Meeting
Wednesday, August 18	2:00 PM	Ames Lake Flood Risk Projects
Thursday, August 29	12:30 PM	Tanners Lake Flood Risk
	1:00 PM	Beltline Outfall Replacement Construction

B. Upcoming Meetings and Dates

CAC Meeting	September 24, 2024
October Board Meeting	October 2, 2024
Metro Watersheds Meeting	October 15, 2024
CAC Meeting	October 22, 2024
November Board Meeting	November 6, 2024
Watersheds Excellence Awards	November 21, 2024
Minnesota Watersheds Annual Conference	December 4-6, 2024
CAC Meeting	December 3, 2024
December Board Meeting	December 11, 2024

C. Staff Anniversaries

There are no staff anniversaries in the month of September.

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>

This past month, staff submitted project and program award nominations for our Lake Owasso projects and our Targeted Retrofit program. An abstract to present at the annual conference was also submitted for our Watershed Approach to Retrofit Projects program.

Board of Managers 2024 Action Log

Wednesday, September 4, 2024

Item	Anticipated Action Date	Means of Action	Completed
Governance Manual	March 2024	RBA – Approval	March 2024
West Vadnais Lake Boundary Change	May 2024	Board discussion	May 2024
Shoreland Condition Assessment and Planning	May 2024	Presentation and Discussion.	May 2024
Addressing Internal Load in Lakes (aeration and alum)	Spring 2024	Board discussion	June 2024
Shoreland Assessment Next Steps	Fall 2024	Board Discussion	
PFOS Update	Fall 2024	Presentation and Board Discussion	
CAC 2025 Work Planning	Fall/Winter 2024	Board Discussion	
Impervious Surface Reduction Planning	WMP 2025	Presentation and Discussion.	
Chloride Use Reduction/Low Salt Design/Calibration Techniques	WMP 2025	Presentation and Board Discussion	

* * * * *

Project and Program Status Reports

* * * * *

Memorandum

To: Board of managers and staff
From: Tina Carstens, Brad Lindaman, and Erin Anderson Wenz
Subject: Project and program status report: September 2024
Date: August 28, 2024

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

Project feasibility studies

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

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

No activity occurred this month. The Housing and Redevelopment Authority (HRA) board continues to review its property portfolio and develop a long-range plan for several properties, including those near Ames Lake. The RWMWD is waiting for direction regarding whether the HRA-owned property near Ames Lake can be used for flood risk mitigation. The HRA is targeting fall 2024 to finalize its recommendations.

Following receipt of feedback from the city and HRA, a feasibility report will be prepared, documenting considered concepts, stakeholder feedback, cost estimates, permitting requirements, and recommendations for future system modifications. Although the draft report is anticipated to be available for RWMWD review this fall, the schedule is dependent on when HRA feedback is received.

An MPCA Implementation Grant for Stormwater Resilience application was submitted for the project. This month, RWMWD was informed that the project would not receive grant funding, as funding was contingent on approval from the property owner, which is dependent on direction from the HRA. Barr is meeting with RWMWD staff next month to determine a tentative revised schedule for final design and construction, which will depend on input from the HRA.

B. Phalen Village flood risk reduction (Barr project manager: Brandon Barnes; RWMWD project manager: Paige Ahlborg)

The purpose of this study is to evaluate modifications to reduce flood risk near Phalen Village north of Lake Phalen by lowering flood levels to remove structures from the 100-year floodplain. The feasibility study was completed in 2022. In 2024, the RWMWD is working with the City of Maplewood to incorporate modifications to the storm sewer system into the city's 2024 street improvement project. This is a follow-up planning study identified in the Beltline resiliency study.

Barr and the RWMWD staff have submitted information to the City of Maplewood to support modifications to the storm sewer system along East Shore Drive. The city is proceeding with the construction of storm sewer modifications, except for the final pipe segment, which is on private property. The property owner has denied city staff access to construct the final pipe segment. Construction of storm sewer modifications, apart from the final pipe segment, will occur this summer as part of Maplewood's street improvement project. The final pipe segment can be constructed later if the property owner allows access in the future.

C. Resiliency study for non-Beltline tributary areas—pre-planning study and evaluation of existing data (Barr project manager: Jay Hawley; RWMWD project manager: Tina Carstens)

The purpose of this project is to evaluate potential system-scale modifications to reduce flood risk within the portion of the RWMWD that was not evaluated as part of the Beltline resiliency study. This portion of the watershed includes the Tanners Lake, Battle Creek Lake, Battle Creek, Carver Lake, Fish Creek, and Snake Creek subwatersheds. The evaluation will identify modifications to the drainage system that could reduce flood risk to habitable structures within the 100-year floodplain of district-managed water bodies—including actively managing outlet control structures on Tanners Lake, Battle Creek Lake, and Carver Lake. This evaluation will allow the RWMWD to identify potential flood risk mitigation strategies that address the portion of the district that is not tributary to the Beltline.

Barr presented project findings at the July 10 board meeting. The reporting phase of this study is now complete. This month, Barr compiled information for RWMWD staff regarding at-risk habitable structures around Tanners Lake and Grass Lake and along Gervais Creek. Staff also updated the flood-prone structure maps.

D. Maplewood Mall 2024 assessment (Barr project manager: Fred Rozumalski; RWMWD project manager: Paige Ahlborg)

The purpose of this effort is to conduct a comprehensive assessment of Maplewood Mall, similar to the effort conducted in 2018. The assessment leverages an iPad field data application to collect information on the site's tree trenches, rain gardens, porous pavers, and educational features. This effort will help define tree replacements in groves where trees are doing poorly (especially in the north and northwest tree groves) and guide repairs for a garden that is no longer draining properly.

Barr staff continue to review the data collected last spring across the Maplewood Mall site. Recommendations for repairs, as well as any necessary tree and planting replacements, will be included in a report planned for later this fall. One more round of fieldwork is anticipated this fall,

where staff will measure oxygen levels and perform video inspections in select tree trenches, as well as conduct a “synthetic storm” in the south tree grove. This “synthetic storm” consists of flooding the south tree grove trenches with a known volume of water from a nearby hydrant and measuring the rate and volume of water flowing out of the tree trenches over time to quantify flow attenuation and uptake of water from tree roots.

E. Watershed approach to retrofit projects (WARP) (Barr project managers: Marcy Bean and Tyler Olsen; RWMWD project manager: Paige Ahlborg)

In 2022 and 2023, Barr reviewed the history of the retrofit program to help inform considerations for future projects. This “retrofit inventory” resulted in an updated database of over 17,000 properties and geographic information system (GIS) maps of built and considered projects. In 2024, Barr will work with the district to consider the intersections between the database and other district-wide initiatives and information to guide retrofit project selection more systematically.

Barr presented a summary of the WARP development at the August Board meeting. Subsequently, an abstract for the Minnesota Watersheds Conference was prepared and submitted as a joint presentation with District staff.

F. Tanners Lake, Battle Creek Lake, and McKnight Basin outlet operation plan (Barr project manager: Jay Hawley; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to refine the design and operation plans for the proposed outlet modifications on Tanners Lake, Battle Creek Lake, and possibly McKnight Basin. This scope continues the feasibility work that began in 2023 to identify strategies or combinations of strategies and system modifications that could remove habitable structures in the Tanners Lake and Battle Creek Lake watersheds from the 100-year floodplain.

This project is on hold while we wait for the 2025 Battle Creek monitoring data to be collected and processed. The 2025 monitoring data will be used to determine if Battle Creek’s water quality can be improved through active management of the lake outlets. Work on this feasibility study is planned to resume in the summer of 2025, including the collection of monitoring data, with anticipated completion that fall.

Watershed management plan update

G. Watershed management plan update scoping (Barr project manager, Greg Williams; RWMWD project manager: Tina Carstens)

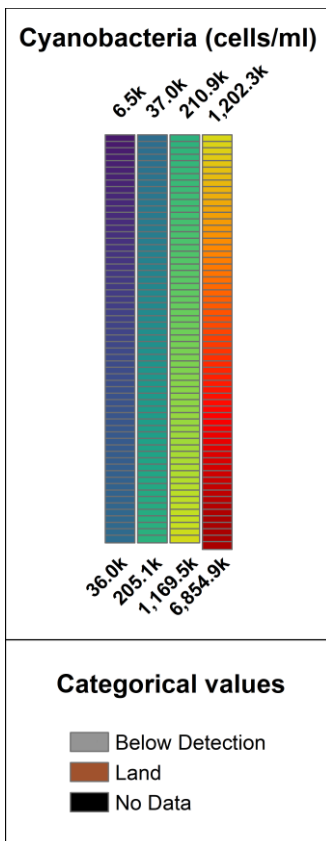
The purpose of this project is to prepare for the RWMWD watershed management plan update by scoping pre-work that should take place this year.

During this period, Barr staff met internally to identify tasks to be initiated in 2024, refine the scope of those tasks, and schedule a project kickoff meeting with District staff.

Research projects

H. New Technology mini case studies (Barr project manager: Marcy Bean; RWMWD project manager: Tina Carstens)

The purpose of this effort is to educate the board and RWMWD staff on new and interesting technologies and design strategies related to water quality improvement and other issues of concern within the district. The information below is based on the manufacturer’s claims; the product has not been specifically tested by district staff or Barr unless stated as such.



USEPA’s Cyanobacteria Assessment Network (CyAN)

CyAN is a multi-agency project to develop an early warning, remote-sensing indicator system to detect harmful algal blooms in U.S. freshwater systems to protect aquatic and human health. CyAN is a collaborative project among the EPA, the National Aeronautics and Space Administration (NASA), the National Oceanic and Atmospheric Administration, the United States Geological Survey, and, as of 2023, the U.S. Army Corps of Engineers.

The mission of the CyAN project is to support the environmental management and public use of U.S. lakes and estuaries by providing a useful and accessible approach to detecting and quantifying algal blooms and related water quality using satellite data records.

CyAN uses satellite imagery to create rasters of pixel values that are evaluated for wavelengths associated with harmful algal blooms. In post-processing, each pixel gets a value between 0 and 255, with 0 being “below detection,” 1 through 253 being detection of a range of certain cell concentrations, 254 being associated with land masses, and 255 being associated with no data. These values are then converted to cyanobacteria cell concentrations (cells per milliliter) characterized as “low,” “medium,” “high,” and “very high.”

The goals of the CyAN program are to:

- Develop a uniform and systematic approach for identifying cyanobacteria blooms across the contiguous U.S. using ocean satellites.
- Create a strategy for evaluating and refining algorithms across satellite platforms.
- Identify landscape-linkage postulated causes of cyanobacterial blooms in freshwater systems.
- Characterize exposure and human health effects in drinking water sources and recreational waters using ocean color satellites.
- Characterize responses and economic value of an early warning system using ocean satellites and a mobile dissemination platform.

Source: Environmental Protection Agency

- Disseminate satellite data through multiple public interfaces, including (1) a [mobile and web-based application](#), (2) [EnviroAtlas](#), (3) [Report on the Environment](#), and (4) [NASA's Ocean Color Web](#).

From a watershed district’s perspective, sampling for harmful algal blooms can be expensive, and blooms can be unpredictable and elusive. CyAN has the potential to help prioritize which water bodies to monitor more closely and even which parts of individual water bodies should be targeted.

Barr staff have begun to evaluate this information for watershed clients in the Twin Cities metro area. It is easy to download basic pre-made plots, .csv files, and waterbody reports from the website. Further analysis of the data (looking for trends and associations with other parameters such as temperature and rainfall, for example) takes longer.

Waterbodies in RWMWD have a range of data available in CyAN (see table below). For waterbodies with available data, we may be able to provide a plot of concentration over time and a corresponding .csv file of data. We can also provide a comparison plot between two waterbodies over time. Lake Owasso and Pigs Eye Lake also have waterbody reports available that we plan to review later this year.

Table: RWMWD waterbodies with data available in CyAN

Ramsey-Washington Lakes	In CyAN?	# Data points	Data start	Data end
Battle Creek Lake (Woodbury)	Y	15	3/21/2020	3/30/2024
Beaver Lake (Maplewood)	Y	9	12/5/2020	3/30/2024
Bennett Lake (Roseville)	N			
Black Tern Pond (Saint Paul)	N			
Carver Lake (Woodbury)	Y	10	3/21/2020	11/4/2023
Casey Lake (North Saint Paul)	N			
Eagle Lake (Saint Paul)	N			
Gervais Lake (Little Canada)	Y	47	6/13/2020	3/2/2024
Grass Lake (Shoreview)	N			
Keller Lake (Maplewood)	Y	3	11/21/2020	12/16/2023
Kohlman Lake (Maplewood)	Y	10	3/30/2024	11/21/2020
Lake Emily (Shoreview)	N			
Lake Judy (Shoreview)	N			
Lake Owasso (Shoreview)	Y	28	3/14/2020	4/27/2024
Lake Phalen (Saint Paul)	Y	15	5/16/2020	3/2/2024

Ramsey-Washington Lakes	In CyAN?	# Data points	Data start	Data end
Lake Wabasso (Shoreview)	Y	3	12/5/2020	11/4/2023
Pigs Eye Lake (Saint Paul)	Y	71	6/27/2020	12/2/2023
Round Lake (Little Canada)	N			
Round Lake (Maplewood)	N			
Savage Lake (Little Canada)	N			
Shoreview Lake (Shoreview)	N			
Snail Lake (Shoreview)	Y	8	3/20/2021	3/30/2024
Spoon Lake (Maplewood)	N			
Tamarack Swamp (Woodbury)	N			
Tanners Lake	Y	29	3/14/2020	3/30/2024
Twin Lake (Saint Paul)	N			
Wakefield Lake (Maplewood)	N			
Willow Lake (North Saint Paul)	Y	3	3/14/2020	12/11/2021

Project operations

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

The purpose of this project is 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. Typical operation and maintenance tasks for the lake-level stations and associated web pages continue. A few station-specific updates are included below.

Tanners Lake station

The HSA bubbler system has been replaced with a Campbell Scientific radar sensor. During the first few years, we experienced repeated issues with the operation of the bubbler system, mainly due to the long run of the river line (i.e., the air line) 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.

Twin Lake station

The Twin Lake station experiences frequent cellular signal issues. The RWMWD and Barr ordered a new directional antenna and external modem to hopefully correct the issue. The new antenna,

modem, and datalogger have been installed, and Barr staff is currently working with the vendor on optimizing the cellular signal. Additionally, the GFCI outlet often trips, so the battery charger does not maintain the station battery. The RWMWD and Barr are currently troubleshooting this problem.

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

The six new rain gages installed earlier this spring are functioning well and recording data. The seventh and final rain gauge was installed at the Twin Lake station in July and is also functioning well. Currently, the rain data is being uploaded to the VDV (Vista Data Vision) web page, which the RWMWD and interested municipalities can view. The district is considering options for displaying the data on its website.

Capital improvements

J. Woodbury Target store stormwater retrofits (Barr project manager: Katie Turpin-Nagel; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to create concept-level and final designs and construct stormwater BMPs for Woodbury's Valley Creek Target shopping complex.

Throughout the month of August, Peterson Companies has been working to complete construction on the Woodbury Target stormwater retrofit project.

Construction is anticipated to conclude in accordance with contract dates. One substantial completion item that may conclude later than expected is the planting restoration, which is scheduled to begin the week of Labor Day and continue for two weeks, ending just after the substantial completion date. Peterson Companies is very aware of our firm final completion date of September 30. Peterson's first payment application is included in this month's Board packet for the managers' approval.

This month, Barr finalized the value of Kurilla's materials left on the site at the time of their contract's termination. Barr recommends that this amount be paid to Kurilla, as Peterson can use these materials to complete the project. A memo describing Barr's recommendation is included in this month's Board packet for the managers' review and approval.

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

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

This month, we prepared 95-percent design drawings and the stormwater models required to meet City of Saint Paul requirements. Pending the final modeling, we anticipate submitting these to the City of Saint Paul plan review process in September. The project was awarded an MPCA Implementation Grant for Stormwater Resilience, which will offset most of the RWMWD funding for Phase 3 in the draft budget discussed last month.

L. Targeted retrofit projects 2024 (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design BMP retrofits on previously identified commercial, school, and faith-based properties throughout the district, as well as to provide bid assistance and oversee construction.

The RWMWD and Barr have met potential project partners and visited sites to determine potential projects for 2025 retrofits: Saint Paul Youth Services green roof, Maplewood Toyota BMP retrofit, and landscape improvements and BMP retrofits at Cochran Recovery Services in Maplewood. This month, Barr began gathering base information for each property to move forward with preliminary design. Site surveys have been initiated, and we anticipate completion in September.

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

The purpose of this project is to complete the final design, plans, and specifications for a stormwater reuse system in Pioneer Park that will reduce both the use of groundwater for irrigation and phosphorus loads to downstream water bodies.

Limited work was completed in the last month. Upcoming work will include connections to the existing irrigation system, concrete pad reinforcement and pouring, and final stabilization of the site. Per a final timeline from WaterTronics, delivery of the pump and treatment system is not expected until September. Peterson Companies will return then to install, connect, and bring the reuse system into operation.

N. Double Driveway and Fish Creek tributary improvements (Barr project manager: Tyler Olsen; RWMWD project manager: Tina Carstens)

The purpose of this project is to design and implement vegetation improvements around Double Driveway Pond, as well as stream stabilization improvements in the Fish Creek tributary upstream.

This month, Barr continued updating the 100-percent design plans and technical specifications. Also, during August, district staff began reaching out to homeowners to drop off offers and begin discussions regarding the next steps. Each is taking some time to consider the offer.

O. Cottage Place wetland regeneration (Barr project manager: Brendan Dougherty; RWMWD project manager: Paige Ahlborg)

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

This month, Barr coordinated construction contracting with Dimke Excavating following its successful bid award. After receiving the formal notice-to-proceed document, we will schedule a

preconstruction meeting with the contractor. On-site invasive species management may occur this summer, but major construction operations will not start until after November 15 to avoid potential impacts on bats and birds.

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

The purpose of this project is to design and construct a box culvert where Kohlman Creek crosses under County Road C (owned by Ramsey County) in Maplewood. The culvert was identified as a flood risk reduction improvement project in the Kohlman Creek flood risk reduction feasibility study.

During this period, Barr reviewed submittals from Bituminous Roadways, including traffic control and water management. Barr also met on-site with private utilities to review the potential relocation of an overhead utility line that crosses County Road C. The estimated earliest delivery of the box culvert is still September 16, 2024, and Bituminous Roadways plans to mobilize mid-September after they have received delivery of box culvert sections. Construction activity is anticipated to be completed in the fall of 2024.

Q. Kohlman Creek flood risk reduction projects—final design (Barr project manager: Tyler Olsen; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design multiple flood risk reduction improvement projects that were previously identified in the Kohlman Creek flood risk reduction feasibility study. The improvement projects include PCU Pond T grading, 13th Avenue storm sewer improvements, and berm grading and outlet installation in the backyards of homes along County Road C.

During this period, Barr coordinated with the City of North Saint Paul regarding the proposed berm north of PCU Pond and with Ramsey County regarding access to the parcel south of County Road C. This summer, Barr and the RWMWD inspected the creek condition downstream (north) of the County Road C crossing to determine how changes to the flow duration curve may affect erosion of the creek bed and banks. Inspection results will be summarized in the coming months, along with recommendations to minimize further erosion while maintaining the project's flood risk reduction benefits. The design of modifications to reduce flood risk along Kohlman Creek will continue through 2024. Upcoming activities include completing a topographic survey of the project area, completing a geotechnical investigation, and developing plans for system modifications. This fall, we will share preliminary designs with Maplewood, North Saint Paul, and Ramsey County to get their input. The tentative schedule is to solicit bids during the winter of 2024–2025 and construct in the summer of 2025.

CIP project repair and maintenance

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

The purpose of this effort is to maintain the RWMWD's existing capital improvement projects as they arise outside the normal annual maintenance project.

Annual inspections of district sites, in preparation for the 2025 CIP project, started on July 17—a bit earlier than in past years. The early start is an effort to avoid tight survey and sediment testing schedules, as well as to incorporate additional inspections as needed. Inspections are nearing completion, and initial surveys of sites for inclusion in the 2025 CIP project have started.

S. 2024 CIP maintenance and repairs projects (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)

The purpose of this effort is to maintain the RWMWD’s existing capital improvement projects through this annual maintenance project.

All work is complete, and payment application 6 (final) has been sent to Fitzgerald Excavating Inc. This payment application includes a release of all retainages. The final check was held until Fitzgerald Excavating submitted its IC-134 form, which is a formal affidavit that the work is complete, and that the contractor and all its subcontractors have fulfilled the requirements of Minnesota withholding tax laws. This has been submitted and approved. This project is now complete, and no further updates will be provided for the 2024 work.

T. Beltline Mississippi Branch outfall replacement project (Barr project managers: Joe Welna and Nathan Campeau; RWMWD project manager: Dave Vlasin)

The purpose of this project is to replace the final approximately 70 feet of the Beltline Interceptor adjacent to the Mississippi River that failed in July 2023.

In August, we assisted the district in reviewing the initial submittals, facilitating contract execution, and issuing the notice to proceed. Construction and repair are planned for late fall and winter 2024–2025.

U. Natural resources update: Paul Erdmann

Keller Shoreline- Maintenance and Emergent Planting

Phase 1 of the Keller Shoreline is looking stellar, even with highly fluctuating water levels. Many native plants that normally need a year or two to bloom are blooming their first year, one benefit of lots of rain. The NR team has been performing regular maintenance at the site to ensure its long-term success. Assisted by Conservation Corps, we recently planted approximately 400 native emergent plants along the shoreline. These emergent plants, such as arrowhead, bulrush, bur-reed and rushes stabilize the bank of shore, protect the upland planting from wave action and flooding, and provide critical wildlife habitat. We are currently planning Phase 2 of this project which we will be installing in mid-September, followed by planting in the Spring of 2025.



Planting Emergents at Keller

Lake Surveys

NR staff has been using their recently acquired/refreshed aquatic plant i.d. skills and assisting Ramsey County staff surveying macrophytes in District lakes. We revisit specific points on District waterbodies on a periodic, rotating basis to see what plants are present and in what abundance. Aquatic plants play a crucial role in water quality and ecosystem health, so knowing what is growing helps us make important management decisions.

Woodbury Natural Resources Management Plan Review

The Natural Resources Program was asked by City of Woodbury staff to review and provide comments on the City's Natural Resources Management Plan, and we recently provided feedback. Once complete, the Plan can help prioritize natural areas within Woodbury for restoration. Our review focused on areas within RWMWD, such as Tamarack Nature Preserve. This was the first round of review, and we look forward to continuing to work with the City on the plan and their restoration efforts.

Learning/Teaching Opportunities

As time allows, the NR Team has attended various tours, classes, and training opportunities to continue expanding our natural resource knowledge and to hear from other restoration practitioners and to network.

Staff toured the Cedar Creek Ecosystem Science Reserve in East Bethel. Our tour focused on areas of bison grazing and units of oak savanna that receive different timing treatments of prescribed fire. We also learned about the research and recovery efforts for the Red-headed woodpecker, a species that has been in steep decline since 1967. We got to see many of these beautiful birds on our walk. We were exposed to plant communities we don't have in our District and learned a great deal from their Education and Community Engagement Coordinator, Kara Baldwin, Ph.D. We also attended a Metro Conservation Network tour of Lebanon Hills Regional Park in Eagan, where Dakota County and Great River Greening described their oak savanna and other restoration efforts.



One of several “red heads” spotted at Cedar Creek

In late August, the NR Team attended the quarterly Ramsey County Cooperative Weed Management Area (CWMA) meeting. The CWMA brings conservation partners together to manage invasive species in a collaborative effort. The CWMA focuses on Early Detection/Rapid Response species- these are species that are not well established yet, so finding them and managing them before they become widespread is the goal. RWMWD is a strong partner in this effort.

Throughout the summer, the NR interns have been joining other District Programs on occasion to learn about the other aspects of watershed management, and interns from other departments have been joining our crew as part of the District's shadowing and learning program. Pat and Joe attended an annual pesticide applicators training put on by the City of St. Paul, and renewed their application certification.



L-R: Emilia, Sommer, & Bjorn, NR interns, receive safety training from Mary before heading out on a construction site.

Good Luck, Emilia!

After a few short months, NR intern Emilia Gusdal is returning to her sophomore year at St. Olaf college, where she is majoring in Environmental Studies. Emilia enjoyed her internship here, and we will miss her smiling face and jovial attitude! Emilia’s family lives on Lake Owasso, and she says she will continue encouraging them to utilize our grant program for a shoreline restoration or other stewardship project.

V. Public involvement and education program: Sage Passi

Outreach at National Night Out, the Pollinator Festival and More!



Sage Passi, RWMWD Community Engagement Specialist and Water Steward, Martha Boyd (right) interacted and provided education and walking tours with many residents of the Roosevelt Homes and other residents from the East St. Paul neighborhood at the East Side Boys and Girls Club at their annual National Night Out event on the late afternoon and evening of August 6 in St. Paul. This is our second year of interfacing with this eastside community and providing education and free native plants for this large annual neighborhood get-together. Thank you to Martha Boyd for your ongoing support of the Boys and Girls garden site.

To: Board of managers and staff
From: Tina Carstens, Brad Lindaman, and Erin Anderson Wenz
Subject: Project and program status report – September 2024
Date: August 28, 2024

At this National Night Out event on August 6 we provided free native plants grown by classrooms this year, led the public attending this event in walking tours through the lush native garden next to the Club and answered questions about growing plants and their role in providing habitat for bees and butterflies, infiltrating rain and grant funding. Signs depicting the process of creating the garden and sculptures were placed throughout the garden. What a beautiful, fun night!

The history of this project bears repeating. The preparation of the garden was supported by many corporate volunteers, youth and staff from the club, Water Stewards, Stephanie Wang, Stuart Knappmiller, Bette Danielson, Ramsey County Master Gardeners, Tree Trust and Tracy Leavenworth. Several sculptures grace the garden that were designed and crafted by youth from the club with the support and guidance of artist and educator, Aloun Phoulavan, CAC member and educator, Randee Edmundson and sculpture fabricators. Dana Boyle, a Woodbury Master Naturalist and a representative of the St. Paul Garden Club helped the Club secure funding for the project. RWMWD provided additional Stewardship Grant funds and classrooms from L'Etoile du Nord and a mix of corporate volunteers and others helped in the planting.

This summer RWMWD staff Sage Passi and Emily Kamin collaborated in the creation of interpretive signs that can be put out for special community events that illustrate the history and process of designing and creating this garden and its sculptures. Thank you to Koreena Moua, the director of the club for her vision, Max Thao and other staff and youth from the Club whose support for this successful project have really helped it come into its own over the last three years. The summer of 2024 with all its rain and sun has especially allowed it to blossom and thrive!

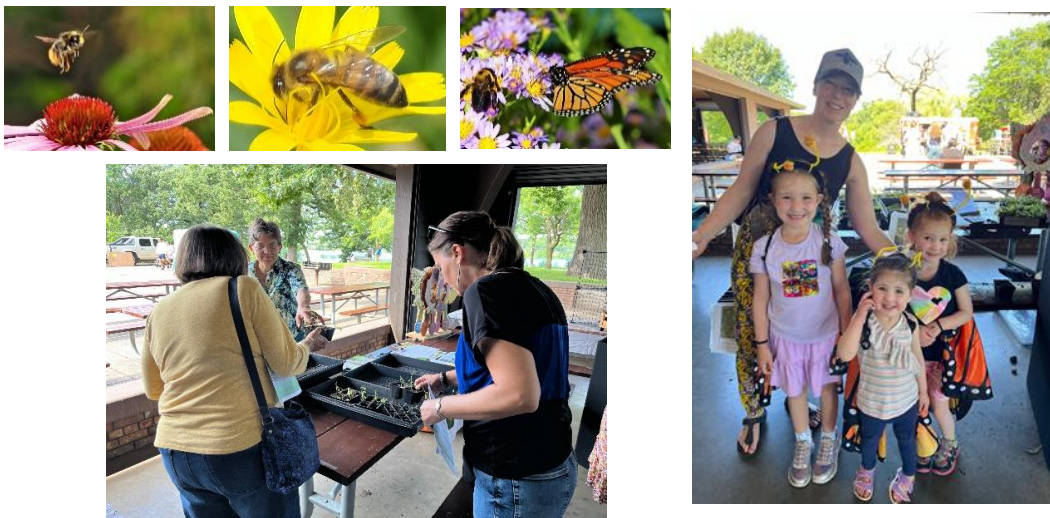


Above Left: Prairie Blazing Star. **Center:** Cardinal Flower. **Above Right:** Native plants grown with help from L'Etoile du Nord, Weaver Elementary, Harmony and American Indian Magnet classes, Water Stewards and Master Gardeners, RWMWD staff and Ramsey County Master Gardeners were given away at the East Side Boys and Girls Club event on August 6.



Above left: An interpretive sign shows Senator Foung at the dedication of the sculptures at last year’s National Night event with art consultant, Aloun Phoulavan and CAC member and educator, Randee Edmundson. **Above Right:** A second sculpture designed by Boys and Girls Club youth with help from Phoulavan was installed last summer in the garden near the fence and perimeter sidewalk.

RWMWD’s Plant Give-Away at The Pollinator Festival



Thanks to Martha Boyle for her expert support at the Pollinator Festival sponsored by Wakan Tipi at Lake Phalen on August 11th. We provided many trays of native seedlings for attendees (They even helped us transplant them!) It was fun to see our fellow Capital Region Watershed family Lindsay Schwantes and her 3 darling daughters (above right) who stopped by to wish us well.

Blue Thumb at the Minnesota State Fair

Thank you to Stuart Knappmiller for helping staff the Blue Thumb exhibit with Sage Passi at the Minnesota State Fair Eco Experience building on Friday the 23rd. What a wonderful display of native plants donated for the event by our Blue Thumb partners. Thank you to Dakota and Ojibwe healer Tara Perron Tanağidan To Winj who provided the Dakota plant names and stories for the native plant signage. Check them out if you get the chance.



Above Left: Stuart Knappmiller sharing resources at the Blue Thumb exhibit. **Above Center:** Native plantings at the Blue Thumb exhibit. **Above Right:** Stuart Knappmiller chatting with fairgoers. **Below Left & Below Right:** Native plant signs with information provided by Tara Perron Tanağidaŋ To Wiŋ. **Below Center:** Sage Passi showing the length of native plant roots.



W. Communications and outreach program: Lauren Hazenson

Current Projects

Departmental Planning

This month, the newly formed Communications and Engagement Department has focused on team building, goal setting for the fall, and role transition planning. Specifically, we have focused on expanding our adult education offerings, evaluating the current school-based program to continue its success, and laying the groundwork for large 2025 campaigns.

Community Engagement and Adult Education Workplan

Staff has started working on a two-year community engagement and adult education plan to expand in-person outreach and workshops on watershed management topics. The plan aims to reach specific audiences that haven't been frequently involved in existing watershed efforts and may benefit from

more tailored opportunities to learn about and participate in water quality improvement, flood reduction, and habitat restoration. After identifying these audiences and the educational and engagement goals, the plan will be designed to support the organization's overall objectives.

Event Outreach

This month the Communications and Engagement team staffed tables at the following events:

- National Night Out (8/6)
- Shoreview Farmer's Market (8/6)
- Wakan Tipi Awanyankapi Pollinator Festival (8/11)

Watershed Excellence Awards

The new Watershed Excellence Award form, which is now available online and as a fillable PDF, has been finalized and will be promoted via our LinkedIn, email, and partner network channels. Previously, messaging to city, county, and community organization staff around this program has been limited, so we are redoubling efforts to widen the net for nominations now that there is clear criteria for each award category. Nominations will be accepted from September 3rd to September 18th, and active promotion will occur throughout that two-and-a-half-week period.

Illustration and Signage

We are continuing to create illustrations with a contractor to depict sometimes complex or unfamiliar watershed concepts to the general public. Below is an example showing a stormwater reuse system. Other completed illustrations include tree trenches, enhanced sand filters, shoreline restoration, permeable pavement, native plant root systems, and infiltration basin rain gardens. A depiction of a watershed and a wetland will also be completed this fall. These illustrations will be included on district signage, handouts, and the website to provide a visually enticing yet accurate representation of our best management practices.



To: Board of managers and staff
From: Tina Carstens, Brad Lindaman, and Erin Anderson Wenz
Subject: Project and program status report – September 2024
Date: August 28, 2024

Page 17

Newsletter

Opens: 45.1 %

Clicks: 1.8%

Subscribers: 1,635

Note: The technical issue affecting last month's newsletter has been resolved.

Social Media (Facebook, YouTube, Instagram, LinkedIn)

Facebook

Reach: 1,535

Engagement (likes, shares, comments): 93

Followers: 1,731

Instagram

Reach: 881

Engagement: 76

Audience: 944

YouTube

Views: 792

Watch time (hours): 12.8

Subscribers: 345

Viewers: 652

LinkedIn

Reach: 182

Audience: 442

Resident Communications/Professional Development/ Public Meetings, Misc.

- Meeting with RCWD Communications Manager Kendra Sommerfeld (8/5)
- Meeting with the University of Minnesota Long-Term Ecological Research Team (8/15)