



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

February 2023 Board Packet

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Agenda

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Regular Board Meeting Agenda

Wednesday, February 1, 2023

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. In order to continue to be sensitive to the COVID-19 pandemic, we may need to limit the number of public in the board room. 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. Recognition of Outgoing Board Members – Lawrence Swope and Dianne Ward (pg. 5)
4. **Consent Agenda: To all be approved with one motion unless removed from consent agenda for discussion.**
 - A. Approval of Special Meeting Minutes January 18, 2023 (pg. 8)
 - B. Treasurer's Report and Bill List (pg. 11)
 - C. Stewardship Grant Program
 - i. 23-01 CS Owasso Heights Townhomes (pg. 22)
 - D. District Liability Insurance Coverage Waiver (pg. 24)
5. Visitor Comments (limited to 4 minutes each)
6. Permit Program
 - A. Applications
 - i. **23-02 Caretta Assisted Living, Maplewood (pg. 28)**
 - ii. **23-03 Ramsey County Hodgson Road Reconstruction, Shoreview (pg.44)**
 - iii. **23-04 Dunkin Donuts, North St. Paul (pg. 52)**
 - iv. **23-05 MnDOT I-94 Maintenance & Safety Improvements (pg. 57)**
 - v. **23-06 Xcel Energy Roseville 0802 Line Rebuild, Roseville (pg.66)**
 - B. Enforcement Action Report (pg. 74)
7. Stewardship Grant Program
 - A. Applications – See consent agenda
 - B. Budget Status Update (pg. 77)
8. Action Items - NONE
9. Attorney Report
10. Board Issues, Policies and Operation (for discussion at meeting)
 - A. Board Action Log: Additions, deletions
11. New Reports and/or Presentations
 - A. Considerations for per- and polyfluoroalkyl substances (PFAS) in the watershed district Presentation (no packet materials)
 - B. South RWMWD Evaluation of Flood Control Options/Resiliency Study for Battle Creek and Fish Creek Drainage Areas (pg. 79)
12. Administrator's Report (pg. 83)

- A. Meetings Attended
- B. Upcoming Meetings and Dates
- C. Ongoing Project Updates
- D. Annual Meeting Reminder
- E. Minnesota Watersheds Updates
- 13. Project and Program Status Reports (*pg. 101*)
 - Project Feasibility Studies*
 - A. Interim Emergency Response Planning
 - B. Kohlman Creek Flood Risk Feasibility Study
 - C. Kohlman Creek/Wakefield Lake Diversion Feasibility Study
 - D. County Ditch 17 Improvements Feasibility Study
 - E. Phalen Village Feasibility Study
 - F. Ames Lake Area Flood Risk Reduction Planning Study
 - G. Owasso Basin/North Star Estates Improvements
 - H. Double Driveway Pond Optimization Study
 - I. Carver Ponds Improvement Study
 - J. South Metro Mississippi River TSS TMDL
 - Research Projects*
 - K. Kohlman Permeable Weir Test System
 - L. Shallow Lake Aeration Study
 - Capital Improvements*
 - M. Target Store Stormwater Retrofit Projects
 - N. Targeted Retrofit Projects
 - O. Stewardship Grant Program Support
 - P. Lake Emily Subwatershed Regional BMP
 - Q. Pioneer Park Stormwater Reuse
 - CIP Project Repair and Maintenance*
 - R. Beltline and Battle Creek Inspection
 - S. 2023 CIP Maintenance and Repair Project
 - T. 2023-2025 BMP Maintenance Program
 - New Technology Review*
 - U. Edible Plants in Native Plant Community Restoration
 - Program Updates*
 - V. Natural Resources Program
 - W. Public Involvement and Education Program
 - X. Communications Program and Website
- 14. Manager Comments and Next Month's Meeting
 - A. Board Action Log (*pg. 118*)
- 15. **Adjourn**

Certificate of Appreciation

Presented to

Lawrence Swope

in recognition and grateful appreciation for
five years of dedication, leadership, and service
to the Ramsey-Washington Metro Watershed District.



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

February 23, 2023

Tina Carstens, Administrator

Certificate of Appreciation

Presented to

Dianne Ward

in recognition and grateful appreciation for
six years of dedication, leadership, and service
to the Ramsey-Washington Metro Watershed District.



RAMSEY-WASHINGTON
METRO WATERSHED DISTRICT

February 23, 2023

Tina Carstens, Administrator

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Consent Agenda

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RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

Ramsey-Washington Metro Watershed District Minutes of Special Board Meeting January 18, 2023

The Special Meeting of January 18, 2023 was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, and via Zoom web conferencing, at 5:00 p.m. This special meeting's purpose was to complete the business action items that were postponed from the January 4, 2023 regular meeting due to the change in that meeting's format of being only virtual. A video recording of the meeting can be found at <https://youtu.be/OT5ADOKaheY>. Video time stamps included after each agenda item in minutes.

PRESENT:

Larry Swope, President
Dianne Ward, Vice President
Val Eisele, Treasurer
Dr. Pam Skinner, Secretary (arrived 5:08 p.m.)

ABSENT:

Matt Kramer, Manager

ALSO PRESENT:

Tina Carstens, District Administrator
Erin Anderson Wenz, Barr Engineering
Paige Ahlborg, Watershed Project Manager
Mark Gernes, Maplewood Resident

1. CALL TO ORDER

The meeting was called to order by President Swope at 5:05 p.m.

2. APPROVAL OF AGENDA (00:25)

Motion: Manager Ward moved, Manager Eisele seconded, to approve the agenda as presented.

A roll call vote was performed:

Manager Ward	aye
Manager Eisele	aye
President Swope	aye

Motion carried unanimously.

3. CONSENT AGENDA (00:40)

- A. Approval of Meeting Minutes December 7, 2022
- B. Approval of Meeting Minutes January 4, 2023
- C. Treasurer's Report and Bill List
- D. Permit Program
 - i. 23-01 Phalen Village – Maryland/Prosperity, St. Paul

Motion: Manager Eisele moved, Manager Ward seconded, to approve the consent agenda as presented.

A roll call vote was performed:

Manager Eisele	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

4. VISITOR COMMENTS (1:08)

No comments.

5. ACTION ITEMS (1:25)

A. Project Reports and Support to Proceed

President Swope stated that all action items were presented and discussed during the Regular Board Meeting of January 4, 2023.

Action items are as follows:

Phalen Village Flood Risk Reduction Feasibility Study: Direct staff to coordinate with the city of Maplewood staff to complete final design of flood risk reduction modifications included in Option 5 of the feasibility study such that modifications can be constructed at the same time as the City's 2025 street improvement project.

Ames Lake Flood Risk Reduction Prefeasibility Study: Direct staff to complete a detailed feasibility study for the two feasible locations for system modifications identified in the prefeasibility study for reducing the flood risk in the Ames Lake area.

County Ditch 17 Flood Risk Reduction Feasibility Study: Direct staff to coordinate with the city of Maplewood on property owner outreach regarding the site specific modifications and emergency response plans. Direct staff to work with the district attorney to prepare a letter template to property owners that provides information on 100-year water levels and available resources to property owners in flood-prone areas.

Lake Emily Targeted Retrofit Project: Direct staff to advance the Arbogast underground filtration chamber to final design, and develop 100% engineering drawings and specification, contract documents, and 100% engineer's opinion of probable cost.

Double Driveway Pond and Fish Creek Improvements Scope Summary: Direct staff to implement the scope of work as presented in the Double Driveway Pond and Fish Creek Tributary Improvements scope summary.

Motion: Manager Ward moved, Manager Eisele seconded, to accept the request for board action on all five items.

Further discussion: Manager Ward requested clarification regarding the Phalen Village Flood Risk Reduction Feasibility Study. She stated that the survey has not been completed, but the city wants to complete the project for other reasons. She asked for confirmation that the city would pay for the project if carrying it out independently of the study, as she does not want to move forward with this type of project without first conducting a survey.

President Swope stated that if property owners within the project area are contacted, we will have to ensure that: 1) we are being consistent with FEMA standards, and 2) we do everything we can to ensure that the model is correct, including frequent adjustments. He stated that he would like to discuss what to do with the model as additional information is collected to ensure it remains an accurate tool to aid in decision making and associated communications.

Tina Carstens mentioned that the model will never be able to predict flood risk with full accuracy, but that it is important that we communicate the limitations of the model to those who will be affected by its use. She stated that scrutiny and attention will be used in drafting any communications pertaining to information provided by the model.

Erin Anderson Wenz clarified that during the most recent round of communications regarding surveying properties, homeowners were contacted directly through door knocking and through informational materials left at their front doors. She stated that this was the most action that could reasonably be taken towards ensuring that these communications were received. Erin Anderson Wenz also stated that the models are updated as new information becomes available, and the nature of these updates depends on what new information is received.

Tina Carstens stated that if we were going to tell a homeowner that their home was at risk, we would want to have all of the information available to communicate to the homeowner. She mentioned that part of that communication might be acknowledging that we do not have all of the information, and that we would like to conduct a property survey to collect additional information. She also noted that the cities should be the lead on these communications with the watershed providing technical assistance.

A roll call vote was performed:

Manager Skinner	aye
Manager Eisele	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

6. RESCHEDULE OF WETLAND BOARD WORKSHOP (13:19)

Tina Carstens stated that President Swope requested that this meeting be reschedule to a date before the terms of Manager Ward and President Swope end on February 23, 2023. She suggested that the workshop be rescheduled looking at dates in mid to late February. She will check with the two incoming board members as well as Manager Kramer to confirm their availability.

7. MANAGER COMMENTS AND NEXT MONTH'S MEETING (16:13)

President Swope stated that Tina Carstens did a wonderful job taking over as one of the coordinators for the Metro MAWD meeting the previous evening. He stated that the meeting was interesting and very brief. He mentioned that there are a lot of topics under discussion due to all of the changes taking place within MAWD, Metro MAWD, and associated organizations. He also mentioned that the meeting involved discussion of how watersheds are approaching flood resiliency, and that he believes we are in great shape due to our ongoing work on the topic. He suggested the topic be added to the agenda, and brought up at the next Annual Meeting.

Tina Carstens mentioned that she spoke with Brandon Barnes of Barr Engineering about putting together a presentation on the topic prior to the Minnesota Water Resources Conference in October 2023 which could be used for Metro MAWD and other opportunities, as well.

Manager Ward stated that it would be beneficial to share the methodology for attacking such a large project as a part of that presentation.

8. ADJOURN (19:22)

Motion: Manager Skinner moved, Manager Eisele seconded, to adjourn the meeting at 5:25 p.m. Motion carried unanimously.

RWMWD BUDGET STATUS REPORT
Administrative & Program Budget
Fiscal Year 2023
1/31/2023

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	3,500.00	-	234.50	234.50	3,265.50	6.70%
	Sub-Total: Managers/Committees:		\$13,500.00	\$0.00	\$234.50	\$234.50	\$13,265.50	1.74%
Employees	Staff salary/taxes/benefits	4010	1,860,000.00	-	136,073.15	136,073.15	1,723,926.85	7.32%
	Employee expenses	4020	15,000.00	-	79.67	79.67	14,920.33	0.53%
	District training & education	4350	75,000.00	-	474.16	474.16	74,525.84	0.63%
	Sub-Total: Employees:		\$1,950,000.00	\$0.00	\$136,626.98	\$136,626.98	\$1,813,373.02	7.01%
Administration/ Office	GIS system maint. & equip.	4170	10,000.00	-	1,257.25	1,257.25	8,742.75	12.57%
	Data Base/GIS Maintenance	4171	20,000.00	-	-	-	20,000.00	0.00%
	Equipment maintenance	4305	2,000.00	-	-	-	2,000.00	0.00%
	Telephone	4310	2,000.00	-	59.34	59.34	1,940.66	2.97%
	Office supplies	4320	7,000.00	-	465.71	465.71	6,534.29	6.65%
	IT/Internet/Web Site/Software Lic.	4325	85,000.00	-	6,955.25	6,955.25	78,044.75	8.18%
	Postage	4330	2,000.00	-	-	-	2,000.00	0.00%
	Printing/copying	4335	5,000.00	-	698.00	698.00	4,302.00	13.96%
	Dues & publications	4338	15,000.00	-	12,500.00	12,500.00	2,500.00	83.33%
	Janitorial/Trash Service	4341	15,000.00	-	594.00	594.00	14,406.00	3.96%
	Utilities/Bldg.Contracts	4342	30,000.00	-	441.47	441.47	29,558.53	1.47%
	Bldg/Site Maintenance	4343	125,000.00	-	7.58	7.58	124,992.42	0.01%
	Miscellaneous	4390	5,000.00	-	-	-	5,000.00	0.00%
	Insurance	4480	60,000.00	-	-	-	60,000.00	0.00%
	Office equipment	4703	100,000.00	-	150.00	150.00	99,850.00	0.15%
	Vehicle lease, maintenance	4810-40	20,000.00	-	-	-	20,000.00	0.00%
	Sub-Total: Administration/Office:		\$503,000.00	\$0.00	\$23,128.60	\$23,128.60	\$479,871.40	4.60%
Consultants/ Outside Services	Auditor/Accounting	4110	75,000.00	-	-	-	75,000.00	0.00%
	Engineering-administration	4121	132,000.00	-	3,515.00	3,515.00	128,485.00	2.66%
	Engineering-permit I&E	4122	10,000.00	-	-	-	10,000.00	0.00%
	Engineering-eng. review	4123	70,000.00	-	1,674.00	1,674.00	68,326.00	2.39%
	Engineering-permit review	4124	59,000.00	-	1,779.00	1,779.00	57,221.00	3.02%
	Project Feasibility Studies	4129	395,000.00	-	13,201.50	13,201.50	381,798.50	3.34%
	Attorney-permits	4130	5,000.00	-	-	-	5,000.00	0.00%
	Attorney-general	4131	40,000.00	-	2,190.00	2,190.00	37,810.00	5.48%
	Outside Consulting Services	4160	20,000.00	-	-	-	20,000.00	0.00%
	Sub-Total: Consultants/Outside Services:		\$806,000.00	\$0.00	\$22,359.50	\$22,359.50	\$783,640.50	2.77%
Programs	Educational programming	4370	70,000.00	-	90.39	90.39	69,909.61	0.13%
	Communications & Marketing	4371	50,000.00	-	89.50	89.50	49,910.50	0.18%
	Events	4372	51,000.00	-	640.78	640.78	50,359.22	1.26%
	Water QM-Engineering	4520-30	240,000.00	-	531.78	531.78	239,468.22	0.22%
	Project operations	4650	200,000.00	-	717.47	717.47	199,282.53	0.36%
	SLMP/TMDL Studies	4661	142,000.00	-	-	-	142,000.00	0.00%
	Natural Resources/Keller Creek	4670-72	120,000.00	-	-	-	120,000.00	0.00%
	Outside Prog.Support/Weed Mgmt.	44683	57,000.00	-	10,000.00	10,000.00	47,000.00	17.54%
	Research Projects	4695	155,000.00	-	150.00	150.00	154,850.00	0.10%
	Health and Safety Program	4697	4,000.00	-	-	-	4,000.00	0.00%
	Sub-Total: Programs:		\$1,089,000.00	\$0.00	\$12,219.92	\$12,219.92	\$1,076,780.08	1.12%
GENERAL FUND TOTAL			\$4,361,500.00	\$0.00	\$194,569.50	\$194,569.50	\$4,166,930.50	4.46%
CIP's	CIP Project Repair & Maintenance	516	1,500,000.00	-	7,299.70	7,299.70	1,492,700.30	0.49%
	Targeted Retrofit Projects	518	1,500,000.00	-	8,646.91	8,646.91	1,491,353.09	0.58%
	Flood Risk Reduction Fund	520	5,200,000.00	-	101.27	101.27	5,199,898.73	0.00%
	Debt Services-96-97 Beltline/MM/Battle Creek	526	395,404.00	-	278,086.78	278,086.78	117,317.22	70.33%
	Stewardship Grant Program Fund	529	1,128,000.00	-	1,460.50	1,460.50	1,126,539.50	0.13%
	Double Driveway Water Quality Optimization	537	675,000.00	-	1,483.50	1,483.50	673,516.50	0.22%
	Wetland Restoration Projects	540	500,000.00	-	-	-	500,000.00	0.00%
CIP BUDGET TOTAL			\$10,898,404.00	\$0.00	\$297,078.66	\$297,078.66	\$10,601,325.34	2.73%
TOTAL BUDGET			\$15,259,904.00	\$0.00	\$491,648.16	\$491,648.16	\$14,768,255.84	3.22%

Current Fund Balances:

Fund:	Unaudited Beginning Fund Balance @ 12/31/22	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @ 01/31/23
101 - General Fund	\$2,278,902.63	-	-	194,569.50	194,569.50	2,084,333.13
516 - CIP Project Repair & Maintenance	1,124,457.36	-	-	7,299.70	7,299.70	1,117,157.66
518 - Targeted Retrofit Projects	148,393.49	-	-	8,646.91	8,646.91	139,746.58
520 - Flood Damage Reduction Fund	5,098,898.71	-	-	101.27	101.27	5,098,797.44
526 - Debt Services-96-97 Beltline/MM/Beltline-Battle Creek Tunnel Repair	551,908.60	-	-	278,086.78	278,086.78	273,821.82
529 - Stewardship Grant Program Fund	564,229.71	-	-	1,460.50	1,460.50	562,769.21
536 - Stormwater Impact Fund	358,950.00	-	-	-	-	358,950.00
537 - Double Driveway Water Quality Optimization Implementation	-	-	-	1,483.50	1,483.50	(1,483.50)
540 - Wetland Restoration Projects	498,036.00	-	-	-	-	498,036.00
580 - Contingency Fund	1,465,487.00	-	-	-	-	1,465,487.00
Total District Fund Balance	\$12,089,263.50	\$0.00	\$	\$ 491,648.16	\$491,648.16	\$11,597,615.34

RWMWD BUDGET STATUS REPORT
Administrative & Program Budget
Fiscal Year 2022
12/31/2022 - UPDATED 1/23/23

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	\$8,500.00	-	2,125.00	3,534.10	\$4,965.90	41.58%
	Manager expenses	4360	4,000.00	-	-	-	4,000.00	0.00%
Committees	Committee/Bd Mtg. Exp.	4365	3,500.00	-	321.60	4,385.07	(885.07)	125.29%
	Sub-Total: Managers/Committees:		\$16,000.00	\$0.00	\$2,446.60	\$7,919.17	\$8,080.83	49.49%
Employees	Staff salary/taxes/benefits	4010	1,660,000.00	-	134,969.30	1,632,871.89	27,128.11	98.37%
	Employee expenses	4020	15,000.00	-	623.06	7,294.79	7,705.21	48.63%
	District training & education	4350	75,000.00	-	4,919.38	33,266.99	41,733.01	44.36%
	Sub-Total: Employees:		\$1,750,000.00	\$0.00	\$140,511.74	\$1,673,433.67	\$76,566.33	95.62%
Administration/Office	GIS system maint. & equip.	4170	10,000.00	-	-	3,134.02	6,865.98	31.34%
	Data Base/GIS Maintenance	4171	40,000.00	-	2,380.00	2,478.94	37,521.06	6.20%
	Equipment maintenance	4305	3,000.00	-	-	152.69	2,847.31	5.09%
	Telephone	4310	4,000.00	-	59.34	712.08	3,287.92	17.80%
	Office supplies	4320	7,000.00	-	776.60	6,970.89	29.11	99.58%
	IT/Internet/Web Site/Software Lic.	4325	75,000.00	-	6,536.64	77,280.44	(2,280.44)	103.04%
	Postage	4330	3,000.00	-	-	1,106.17	1,893.83	36.87%
	Printing/copying	4335	5,000.00	-	294.00	4,548.40	451.60	90.97%
	Dues & publications	4338	11,000.00	-	-	11,188.94	(188.94)	101.72%
	Janitorial/Trash Service	4341	15,000.00	-	2,000.57	11,272.11	3,727.89	75.15%
	Utilities/Bldg.Contracts	4342	30,000.00	-	333.90	9,463.95	20,536.05	31.55%
	Bldg/Site Maintenance	4343	150,000.00	-	1,089.76	100,677.26	49,322.74	67.12%
	Miscellaneous	4390	5,000.00	-	-	-	5,000.00	0.00%
	Insurance	4480	55,000.00	-	(2,167.04)	50,988.96	4,011.04	92.71%
	Office equipment	4703	150,000.00	-	-	15,556.41	134,443.59	10.37%
	Vehicle lease, maintenance	4810-40	20,000.00	-	801.26	9,452.93	10,547.07	47.26%
	Sub-Total: Administration/Office:		\$583,000.00	\$0.00	\$12,105.03	\$304,984.19	\$278,015.81	52.31%
Consultants/Outside Services	Auditor/Accounting	4110	70,000.00	-	3,316.85	56,435.68	13,564.32	80.62%
	Engineering-administration	4121	125,000.00	-	10,529.00	82,720.00	42,280.00	66.18%
	Engineering-permit I&E	4122	10,000.00	-	-	4,269.50	5,730.50	42.70%
	Engineering-eng. review	4123	60,000.00	-	414.00	62,564.50	(2,564.50)	104.27%
	Engineering-permit review	4124	55,000.00	-	5,661.50	53,117.50	1,882.50	96.58%
	Project Feasibility Studies	4129	410,000.00	-	27,229.75	327,412.88	82,587.12	79.86%
	Attorney-permits	4130	10,000.00	-	-	-	10,000.00	0.00%
	Attorney-general	4131	40,000.00	-	3,285.00	21,904.70	18,095.30	54.76%
	Outside Consulting Services	4160	20,000.00	-	-	-	20,000.00	0.00%
	Sub-Total: Consultants/Outside Services:		\$800,000.00	\$0.00	\$50,436.10	\$608,424.76	\$191,575.24	76.05%
Programs	Educational programming	4370	75,000.00	-	3,033.12	44,756.26	30,243.74	59.68%
	Communications & Marketing	4371	50,000.00	-	1,137.45	31,822.23	18,177.77	63.64%
	Events	4372	46,000.00	-	-	51,469.59	(5,469.59)	111.89%
	Water QM-Engineering	4520-30	180,000.00	-	5,305.02	221,366.19	(41,366.19)	122.98%
	Project operations	4650	200,000.00	-	656.35	138,924.88	61,075.12	69.46%
	SLMP/TMDL Studies	4661	125,000.00	-	1,832.00	43,819.50	81,180.50	35.06%
	Natural Resources/Keller Creek	4670-72	120,000.00	-	8,304.81	113,253.42	6,746.58	94.38%
	Outside Prog.Support/Weed Mgmt.	44683	57,000.00	-	3,369.33	24,107.99	32,892.01	42.29%
	Research Projects	4695	225,000.00	-	62,745.00	156,203.69	68,796.31	69.42%
	Health and Safety Program	4697	3,000.00	-	-	3,663.18	(663.18)	122.11%
	Sub-Total: Programs:		\$1,081,000.00	\$0.00	\$86,383.08	\$829,386.93	\$251,613.07	76.72%
GENERAL FUND TOTAL			\$4,230,000.00	\$0.00	\$291,882.55	\$3,424,148.72	\$805,851.28	80.95%
CIP's	CIP Project Repair & Maintenance	516	1,500,000.00	-	68,139.72	1,196,228.03	303,771.97	79.75%
	Targeted Retrofit Projects	518	1,500,000.00	-	36,428.63	831,346.51	668,653.49	55.42%
	Flood Risk Reduction Fund	520	5,200,000.00	-	604.52	27,752.65	5,172,247.35	0.53%
	Debt Services-96-97 Beltline/MM/Battle Creek	526	394,710.00	-	-	393,040.40	1,669.60	99.58%
	Stewardship Grant Program Fund	529	1,000,000.00	-	171,990.17	636,473.99	363,526.01	63.65%
	Wetland Restoration Projects	540	500,000.00	-	-	-	500,000.00	0.00%
CIP BUDGET TOTAL			\$10,094,710.00	-	\$277,163.04	\$3,084,841.58	\$7,009,868.42	30.56%
TOTAL BUDGET			\$14,324,710.00	\$0.00	\$569,045.59	\$6,508,990.30	\$7,815,719.70	45.44%

Current Fund Balances:

Fund:	Beginning Fund Balance @ 12/31/21	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @ 12/31/22
101 - General Fund	\$2,382,780.20	-	3,320,271.15	291,882.55	3,424,148.72	2,278,902.63
516 - CIP Project Repair & Maintenance	162,659.00	-	2,158,026.39	68,139.72	1,196,228.03	1,124,457.36
518 - Targeted Retrofit Projects	948,555.00	-	31,185.00	36,428.63	831,346.51	148,393.49
520 - Flood Damage Reduction Fund	3,415,744.00	-	1,710,907.36	604.52	27,752.65	5,098,898.71
526 - Debt Services-96-97 Beltline/MM/Beltline-Battle Creek Tunnel Repair	944,949.00	-	-	-	393,040.40	551,908.60
529 - Stewardship Grant Program Fund	854,750.00	-	345,953.70	171,990.17	636,473.99	564,229.71
536 - Stormwater Impact Fund	309,837.00	-	49,113.00	-	-	358,950.00
540 - Wetland Restoration Projects	498,036.00	-	-	-	-	498,036.00
580 - Contingency Fund	1,465,487.00	-	-	-	-	1,465,487.00
Total District Fund Balance	\$10,982,797.20	\$0.00	\$ 7,615,456.60	\$ 569,045.59	\$6,508,990.30	\$12,089,263.50

Ramsey Washington Metro Watershed Dist.
Check Register
For the Period From Jan 1, 2023 to Jan 31, 2023

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	01/01/23	met008	Jan 2023	MetLife-Group Benefits	Employee Benefits	\$1,824.16
EFT	01/10/23	hea002	Feb 2023	HealthPartners	Employee Benefits	14,921.44
EFT	01/10/23	nsp002	Jan 2023	Xcel Energy	1010-101-000	33.77
73562	01/11/23	aws001	S1335957-010123	AWS Service Center	Utilities/Bldg. Contracts	328.97
73563	01/11/23	bur002	23-02	Tom Burns Consulting, LLC	Data Base/GIS Maintenance	2,380.00
73564	01/11/23	dil001	Simba	Carl DiLaura	Office Supplies	200.00
73565	01/11/23	han008	2119	Hanna Enterprises, LLC	Janitorial/Trash Service	1,100.00
73566	01/11/23	hom001	1091823	Home Depot Credit Services	Water QM/Natural Resources	110.64
73567	01/11/23	maw002	2023 Dues	MAWD	Dues & Publications	12,500.00
73568	01/11/23	met004	INV2186630	Metro Sales, Inc.	Printing Expense	404.00
73569	01/11/23	min008	36184	Minnesota Native Landscapes, Inc.	Construction Imp.-Maint. & Repair	5,200.00
73570	01/11/23	nor016	Debt Services-2/1/23	Northland Trust Services, Inc.	Debt Services-Beltline	273,931.25
73571	01/11/23	pac001	22100398337	Pace Analytical Services, Inc.	Water QM Staff	2,527.13
73572	01/11/23	pre003	319183962	Premium Waters, Inc.	Utilities/Bldg. Contracts	31.00
73573	01/11/23	ram002	PRK-002131	Ramsey County	Stewardship Grant Fund	12,356.25
73574	01/11/23	sai001	3821	Saint Paul Media	Communications & Marketing	50.00
73575	01/11/23	tes001	S368728-IN	The Tessman Company	Construction Imp.-Maint. & Repair	367.20
73576	01/11/23	usb005	490921137	US Bank Equipment Finance	Printing Expense	294.00
73577	01/11/23	vik001	32567854	Viking Industrial Center	Water QM Staff	99.00
73578	01/24/23	ahl001	Jul-Dec 2022/Jan 2023	Paige Ahlborg	Employee Reimbursement	241.69
73579	01/24/23	att002	2875663401X12252022	AT & T Mobility - ROC	Project Operations	332.68
73580	01/24/23	bar001	Dec 2022/Jan 2023	Barr Engineering	December/January Engineering	74,801.74
73581	01/24/23	bar002	Jul-Nov 2022	Bill Bartodziej	Employee Reimbursement	167.57
73582	01/24/23	ben002	113354	Benefit Extras, Inc.	Employee Benefits	765.00
73583	01/24/23	blo001	Dec 2022/Jan 2023	Simba Blood	Employee Reimbursement	298.25
73584	01/24/23	cad001	19158401	Zayo Group, LLC	Water QM Staff	139.28
73585	01/24/23	car003	2022	Tina Carstens	Employee Reimbursement	1,331.27
73586	01/24/23	car007	RWMWD_9_30_22	Carp Solutions, LLC	Natural Resources Project	7,500.00
73587	01/24/23	cit006	22-29 CS	City of Woodbury	Stewardship Grant Fund	17,716.25
73588	01/24/23	cit010	13313	City of White Bear Lake	GIS System Maint. & Equipment	1,257.25
73589	01/24/23	cit011	231530	City of Roseville	IT/Website/Software	16.00
73590	01/24/23	com004	1/16/23	Comcast	Utilities/Bldg. Contracts	81.50
73591	01/24/23	don001	Jul-Dec 2022	Matthew Doneux	Employee Reimbursement	33.39
73592	01/24/23	fit002	Jan 2023	Mary Fitzgerald	Employee Reimbursement	28.47
73593	01/24/23	gal001	Jan 2023	Galowitz Olson, PLLC	January Legal Expense	2,740.00
73594	01/24/23	gig001	21-36 CS	Michele Giglio	Stewardship Grant Fund	188.75
73595	01/24/23	ham002	2023 Membership	Hamline University	Outside Program Support	10,000.00
73596	01/24/23	inn002	IN4054923	Innovative Office Solutions LLC	Office Supplies	78.31
73597	01/24/23	int001	W22120478	Office of MN, IT Services	Telephone Expense	59.34
73598	01/24/23	int003	195002	Intereum, Inc.	Office Equipment	150.00
73599	01/24/23	joh006	18-09 MTN	Skip Johnson	Stewardship Grant Fund	811.37
73600	01/24/23	kor001	2022	Eric Korte	Employee Reimbursement	244.73
73601	01/24/23	kub001	Dec 2022/Jan 2023	Kyle W. Kubitz	Employee Reimbursement	80.92
73602	01/24/23	mag004	Jul-Dec 2022	Carrie Magnuson	Employee Reimbursement	351.49
73603	01/24/23	mel001	Dec 2022/Jan 2023	Michelle L. Melser	Employee Reimbursement	143.05
73604	01/24/23	met012	1040	Metro-INET	IT/Website/Software	6,859.00
73605	01/24/23	min010	Feb 2023	MN Public Facilities Authority	Debt Services-Beltline	3,720.53
73606	01/24/23	ncp001	Jan 2023	NCPERS Group Life Ins.	Employee Benefits	16.00
73607	01/24/23	nor011	7441	Northland Securities, Inc.	Debt Services-Beltline	435.00
73608	01/24/23	nsp001	812168240	Xcel Energy	Project Operations	98.61
73609	01/24/23	pas002	Jul-Dec 2022/Jan 2023	Carol Passi	Employee Reimbursement	136.87
73610	01/24/23	qwe001	Jan 2023	CenturyLink	Project Operations	312.69
73611	01/24/23	red002	Dec 2022	Redpath & Company	December Accounting Services	1,646.51
73612	01/24/23	sim001	Jul-Dec 2022/Jan 2023	Emily Simmons	Employee Reimbursement	198.96
73613	01/24/23	sod001	Jul-Dec 2022/Jan 2023	Nicole Soderholm	Employee Reimbursement	47.16
73614	01/24/23	suk001	22-16 MTN	Sheryl Sukolsky	Stewardship Grant Fund	269.97
73615	01/24/23	tim002	M27918	Timesaver Off-Site Secretarial, Inc.	Committee/Board Meeting Expense	234.50
73616	01/24/23	tro002	23-1	Cathy Troendle	Educational Program	70.00
73617	01/24/23	usb002	Jan 2023	U.S. Bank	Dec/Jan Credit Card Expense	1,759.17
73618	01/24/23	van001	Feb 2023	Vanguard Cleaning Systems of Minnesota	Janitorial/Trash Service	594.00
73619	01/24/23	voy001	8692934232252	US Bank Voyager Fleet Sys.	Vehicle Fuel	248.65
73620	01/24/23	was002	5911/5920/5887	Washington Conservation District	Outside Program/Stewardship	4,034.08
Total						\$468,898.81

Ramsey Washington Metro Watershed Dist.
Check Register
For the Period From Jan 1, 2023 to Jan 31, 2023

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	01/06/23	myp001	01/06/23	January 6th Payroll	4110-101-000	68.10
EFT	01/20/23	myp001	01/20/23	January 20th Payroll	4110-101-000	255.10
Dir.Dep.	01/06/23	---	Payroll Expense-Net	January 6th Payroll	4010-101-000	29,115.80
EFT	01/06/23	int002	Internal Rev.Serv.	January 6th Federal Withholding	2001-101-000	10,491.17
EFT	01/06/23	mnd001	MN Revenue	January 6th State Withholding	2003-101-000	1,918.74
EFT	01/06/23	per001	PERA	January 6th PERA	2011-101-000	6,520.73
EFT	01/06/23	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,803.00
EFT	01/06/23	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	857.00
Dir.Dep.	01/20/23	---	Payroll Expense-Net	January 20th Payroll	4010-101-000	36,436.78
EFT	01/20/23	int002	Internal Rev.Serv.	January 20th Federal Withholding	2001-101-000	14,757.49
EFT	01/20/23	mnd001	MN Revenue	January 20th State Withholding	2003-101-000	2,755.53
EFT	01/20/23	per001	PERA	January 20th PERA	2011-101-000	6,299.15
EFT	01/20/23	emp002	Empower Retirement	Employee Def. Comp. Contributions	2016-101-000	2,803.00
EFT	01/20/23	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	857.00
Payroll/Benefits:						<u>\$115,938.59</u>
Total						<u>Accounts Payable/Payroll/Benefits: \$584,837.40</u>

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From January 1, 2023 - January 31, 2023

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	
01/01/23	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits-General	\$1,824.16	
01/10/23	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits-General	14,921.44	
01/10/23	EFT	nsp002	Xcel Energy	4682-529-000	Stewardship Grant Fund	33.77	
01/11/23	73562	aws001	AWS Service Center	4342-101-000	Utilities/Bldg. Contracts	328.97	
01/11/23	73563	bur002	Tom Burn's Consulting, LLC	4171-101-000	Data Base/GIS Maintenance	2,380.00	2022
01/11/23	73564	dil001	Carl DiLaura	4320-101-000	Office Supplies	200.00	
01/11/23	73565	han008	Hanna Enterprises, LLC	4341-101-000	Janitorial/Trash Service	1,100.00	2022
01/11/23	73566	hom001	Home Depot Credit Services			110.64	
				4530-101-000	Water QM Staff-General		33.74 2022
				4670-101-000	Natural Resources Project-General		76.90 2022
01/11/23	73567	maw002	MAWD	4338-101-000	Dues & Publications-General	12,500.00	
01/11/23	73568	met004	Metro Sales, Inc.	4335-101-000	Printing-General	404.00	
01/11/23	73569	min008	Minnesota Native Landscapes, Inc.	4630-516-000	Construction Imp.-Maint. & Repair	5,200.00	2022
01/11/23	73570	nor016	Northland Trust Services, Inc.	4708-526-000	Debt Services-Beltline Tunnel	273,931.25	
01/11/23	73571	pac001	Pace Analytical Services, Inc.	4530-101-000	Water QM Staff-General	2,527.13	2022
01/11/23	73572	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Bldg. Contracts	31.00	
01/11/23	73573	ram002	Ramsey County	4682-529-000	Stewardship Grant Fund	12,356.25	2022
01/11/23	73574	sai001	Saint Paul Media	4371-101-000	Communications & Marketing	50.00	
01/11/23	73575	tes001	The Tessman Company	4630-516-000	Construction Imp.-Maint. & Repair	367.20	
01/11/23	73576	usb005	US Bank Equipment Finance	4335-101-000	Printing-General	294.00	
01/11/23	73577	k001	Viking Industrial Center	4530-101-000	Water QM Staff-General	99.00	2022
01/24/23	73578	ahl001	Paige Ahlborg			241.69	
				4020-101-000	Employee Expenses-General		23.92 2022
				4020-101-000	Employee Expenses-General		26.86
				4040-101-000	Employee Benefits-General		126.55
				4372-101-000	Events		64.36
01/24/23	73579	att002	AT & T Mobility - ROC	4650-101-000	Project Operations-General	332.68	
01/24/23	73580	bar001	Barr Engineering			74,801.74	
				4121-101-000	Engineering Admin-General Fund		2,791.00 2022
				4123-101-000	Engineering-Review		414.00 2022
				4129-101-000	Project Feasability-General		1,778.00 2022
				4129-101-000	Project Feasability-General		807.50 2022
				4129-101-000	Project Feasability-General		235.00 2022
				4129-101-000	Project Feasability-General		235.00 2022
				4129-101-000	Project Feasability-General		1,240.00 2022
				4129-101-000	Project Feasability-General		1,082.00 2022
				4520-101-000	Engineering-WQM		546.88 2022
				4124-101-000	Engineering-Permit Review		965.50 2022
				4661-101-000	SLMP/TMDL Studies		72.00 2022
				4661-101-000	SLMP/TMDL Studies		1,080.00 2022
				4695-101-000	Research Projects-General		1,244.00 2022
				4695-101-000	Research Projects-General		4,863.00 2022
				4650-101-000	Project Operations-General		75.00 2022
				4128-518-000	Engineering-Targeted Retrofit		2,812.50 2022
				4128-518-000	Engineering-Targeted Retrofit		757.00 2022
				4128-518-000	Engineering-Targeted Retrofit		685.00 2022
				4682-529-000	Engineering-Stewardship Grant Program		1,508.50 2022
				4128-518-000	Engineering-Targeted Retrofit		510.00 2022
				4128-516-000	Engineering-Maint. & Repair		3,849.50 2022
				4128-516-000	Engineering-Maint. & Repair		1,363.50 2022
				4128-516-000	Engineering-Maint. & Repair		7,133.95 2022

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From January 1, 2023 - January 31, 2023

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	
				4121-101-000	Engineering Admin-General Fund	3,515.00	
				4129-101-000	Project Feasability-General	512.50	
				4123-101-000	Engineering-Review	1,674.00	
				4129-101-000	Project Feasability-General	820.00	
				4129-101-000	Project Feasability-General	1,621.50	
				4129-101-000	Project Feasability-General	67.50	
				4129-101-000	Project Feasability-General	6,783.00	
				4129-101-000	Project Feasability-General	1,750.50	
				4129-101-000	Project Feasability-General	297.50	
				4129-101-000	Project Feasability-General	1,416.50	
				4520-101-000	Engineering-WQM	242.50	
				4520-101-000	Engineering-WQM	150.00	
				4124-101-000	Engineering-Permit Review	1,779.00	
				4695-101-000	Research Projects-General	150.00	
				4128-518-000	Engineering-Targeted Retrofit	1,787.50	
				4128-518-000	Engineering-Targeted Retrofit	1,497.00	
				4682-529-000	Engineering-Stewardship Grant Program	1,460.50	
				4128-518-000	Engineering-Targeted Retrofit	737.50	
				4128-518-000	Engineering-Targeted Retrofit	4,624.91	
				4128-537-000	Engineering-Double Driveway	1,483.50	
				4128-516-000	Engineering-Maint. & Repair	1,642.50	
				4128-516-000	Engineering-Maint. & Repair	4,740.00	
01/24/23	73581	bar002	Bill Bartodziej	4128-516-000	Engineering-Maint. & Repair	167.57	
				4040-101-000	Employee Benefits-General	131.97	2022
				4020-101-000	Employee Expenses-General	35.60	2022
01/24/23	73582	benoo2	Benefit Extras, Inc.	4040-101-000	Employee Benefits-General	765.00	
01/24/23	73583	blo001	Simba Blood			298.25	
				4040-101-000	Employee Benefits-General	169.05	
				4020-101-000	Employee Expenses-General	24.57	
				4040-101-000	Employee Benefits-General	16.01	2022
				4020-101-000	Employee Expenses-General	88.62	2022
01/24/23	73584	cad001	Zayo Group, LLC	4530-101-000	Water QM Staff-General	139.28	
01/24/23	73585	car003	Tina Carstens			1,331.27	
				4040-101-000	Employee Benefits-General	480.00	2022
				4020-101-000	Employee Expenses-General	79.38	2022
				4350-101-000	Training & Education-General	771.89	2022
01/24/23	73586	car007	Carp Solutions, LLC	4670-101-000	Natural Resources Project-General	7,500.00	2022
01/24/23	73587	cit006	City of Woodbury	4682-529-000	Stewardship Grant Fund	17,716.25	2022
01/24/23	73588	cit010	City of White Bear Lake	4170-101-000	GIS System Maint. & Equipment	1,257.25	
01/24/23	73589	cit011	City of Roseville	4325-101-000	IT/Website/Software	16.00	2022
01/24/23	73590	com004	Comcast	4342-101-000	Utilities/Bldg. Contracts	81.50	
01/24/23	73591	don001	Matthew Doneux			33.39	
				4040-101-000	Employee Benefits-General	14.12	2022
				4020-101-000	Employee Expenses-General	19.27	2022
01/24/23	73592	fit002	Mary Fitzgerald			28.47	
				4020-101-000	Employee Expenses-General	6.65	2022
				4040-101-000	Employee Benefits-General	21.82	
01/24/23	73593	gal001	Galowitz Olson, PLLC			2,740.00	
				4131-101-000	Attorney General-General	2,190.00	
				4131-516-000	Attorney General-Maint. & Repair	550.00	

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From January 1, 2023 - January 31, 2023

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	
01/24/23	73594	gig001	Michele Giglio	4682-529-000	Stewardship Grant Fund	188.75	2022
01/24/23	73595	ham002	Hamline University	4683-101-000	Outside Program Support	10,000.00	
01/24/23	73596	inn002	Innovative Office Solutions LLC	4320-101-000	Office Supplies-General	78.31	
01/24/23	73597	int001	Office of MN, IT Services	4310-101-000	Telephone-General	59.34	
01/24/23	73598	int003	Intereum, Inc.	4703-101-000	Office Equipment-General	150.00	
01/24/23	73599	joh006	Skip Johnson	4682-529-000	Stewardship Grant Fund	811.37	2022
01/24/23	73600	kor001	Eric Korte	4040-101-000	Employee Benefits-General	244.73	2022
01/24/23	73601	kub001	Kyle W. Kubitza			80.92	
				4040-101-000	Employee Benefits-General	40.00	2022
				4020-101-000	Employee Expenses-General	0.92	2022
				4040-101-000	Employee Benefits-General	40.00	
01/24/23	73602	mag004	Carrie Magnuson			351.49	
				4020-101-000	Employee Benefits-General	9.50	2022
				4365-101-000	Committee/Board Meeting Exp.	21.60	2022
				4370-101-000	Educational Program-General	25.00	2022
				4040-101-000	Employee Benefits-General	290.00	2022
				4320-101-000	Office Supplies-General	5.39	2022
01/24/23	73603	mel001	Michelle Melser			143.05	
				4020-101-000	Employee Expenses-General	25.45	2022
				4040-101-000	Employee Benefits-General	117.60	
01/24/23	73604	met012	Metro-INET	4325-101-000	IT/Website/Software	6,859.00	
01/24/23	73605	min010	MN Public Facilities Authority	4700-526-000	Debt Services-Beltline Tunnel	3,720.53	
01/24/23	73606	ncp001	NCPERS Group Life Insurance	4040-101-000	Employee Benefits-General	16.00	
01/24/23	73607	nor011	Northland Trust Services, Inc.	4708-526-000	Debt Services-Beltline Tunnel	435.00	
01/24/23	73608	nsp001	Xcel Energy	4650-520-000	Project Operations-General	98.61	2022
01/24/23	73609	pas002	Carol Passi			136.87	
				4020-101-000	Employee Expenses-General	51.32	2022
				4020-101-000	Employee Expenses-General	25.16	
				4040-101-000	Employee Benefits-General	40.00	
				4370-101-000	Educational Program-General	20.39	
01/24/23	73610	qwe001	CenturyLink	4650-101-000	Project Operations-General	312.69	
01/24/23	73611	red002	Redpath & Company, Ltd.	4110-101-000	Auditor/Accounting	1,646.51	2022
01/24/23	73612	sim001	Emily Simmons			198.96	
				4020-101-000	Employee Expenses-General	15.88	2022
				4040-101-000	Employee Benefits-General	140.00	2022
				4020-101-000	Employee Expenses-General	3.08	
				4040-101-000	Employee Benefits-General	40.00	
01/24/23	73613	sod001	Nicole Soderholm			47.16	
				4020-101-000	Employee Expenses-General	7.16	2022
				4040-101-000	Employee Benefits-General	40.00	
01/24/23	73614	suk001	Sheryl Sukolsky	4682-529-000	Stewardship Grant Fund	269.97	2022
01/24/23	73615	tim002	Timesaver Off-Site Secretarial, Inc.	4365-101-000	Committee/Board Meeting Expense	234.50	
01/24/23	73616	tro002	Cathy Troendle	4370-101-000	Educational Program-General	70.00	

Ramsey Washington Metro Watershed Dist.
Cash Disbursements Journal
For the Period From January 1, 2023 - January 31, 2023

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	
01/24/23	73617	usb002	U.S. Bank			1,759.17	
				4320-101-000	Office Supplies-General	118.44	
				4372-101-000	Events	70.68	
				4325-101-000	IT/Website/Software	96.25	
				4350-101-000	Training & Education-General	124.16	
				4650-101-000	Project Operations-General	72.10	
				4320-101-000	Office Supplies-General	97.00	2022
				4320-101-000	Office Supplies-General	80.22	2022
				4320-101-000	Office Supplies-General	46.18	2022
				4320-101-000	Office Suppleis-General	5.99	2022
				4320-101-000	Office Supplies-General	20.58	2022
				4343-101-000	Bldg/Site Maintenance	7.58	
				4320-101-000	Office Supplies-General	68.96	
				4350-101-000	Training & Education-General	350.00	
				4372-101-000	Events	505.74	
				4371-101-000	Communications & Marketing	39.50	
				4040-101-000	Employee Benefits-General	53.85	
				4320-101-000	Office Suppleis-General	1.94	2022
01/23/23	73618	van001	Vanguard Cleaning Systems of Minnesota	4341-101-000	Janitorial/Trash Service	594.00	
01/23/23	73619	voy001	US Bank Voyager Fleet Sys.	4830-101-000	Vehicle Fuel-General	248.65	2022
01/23/23	73620	was002	Washington Conservation District			4,034.08	
				4683-101-000	Outside Program Support	3,369.33	2022
				4682-529-000	Stewardship Grant Fund	544.00	2022
				4530-101-000	Water QM Staff-General	120.75	2022
Accounts Payable Total:						\$468,898.81	
EFT	01/06/23	myp001	Payroll Fees	4110-101-000	January 6th Payroll	68.10	
EFT	01/20/23	myp001	Payroll Fees	4110-101-000	January 20th Payroll	255.10	
Dir.Dep.	01/06/23	---	Payroll Expense-Net	4010-101-000	January 6th Payroll	29,115.80	
EFT	01/06/23	int002	Internal Rev.Serv.	2001-101-000	January 6th Federal Withholding	10,491.17	
EFT	01/06/23	mnd001	MN Revenue	2003-101-000	January 6th State Withholding	1,918.74	
EFT	01/06/23	per001	PERA	2011-101-000	January 6th PERA	6,520.73	
EFT	01/06/23	emp002	Empower Retirement	2016-101-000	Employee Def. Comp. Contributions	2,803.00	
EFT	01/06/23	emp002	Empower Retirement	2018-101-000	Employee IRA Contributions	857.00	
Dir.Dep.	01/20/23	---	Payroll Expense-Net	4010-101-000	January 20th Payroll	36,436.78	
EFT	01/20/23	int002	Internal Rev.Serv.	2001-101-000	January 20th Federal Withholding	14,757.49	
EFT	01/20/23	mnd001	MN Revenue	2003-101-000	January 20th State Withholding	2,755.53	
EFT	01/20/23	per001	PERA	2011-101-000	January 20th PERA	6,299.15	
EFT	01/20/23	emp002	Empower Retirement	2016-101-000	Employee Def. Comp. Contributions	2,803.00	
EFT	01/20/23	emp002	Empower Retirement	2018-101-000	Employee IRA Contributions	857.00	
Payroll/Benefits						\$115,938.59	
TOTAL:						\$584,837.40	




Summary of Professional Engineering Services During the Period
December 17, 2022 through December 31, 2022

	Total Engineering Budget (2022)	Total Fees to Date (2022)	Budget Balance (2022)	Fees During Period	District Accounting Code	Plan Implementation Task Number
Engineering Administration						
General Engineering Administration	\$80,000.00	\$82,720.00	-\$2,720.00	\$2,791.00	4121-101	DW-13
RWMWD Health and Safety/ERTK Program	\$2,000.00	\$540.00	\$1,460.00	\$0.00	4697-101	DW-13
Educational Program/Educational Forum Assistance	\$20,000.00	\$2,847.50	\$17,152.50	\$0.00	4129-101	DW-11
Topical Workshop, Education, and Planning	\$25,000.00	\$0.00	\$25,000.00	\$0.00	4129-101	DW-13
Engineering Review						
Engineering Review	\$60,000.00	\$62,564.50	-\$2,564.50	\$414.00	4123-101	DW-13
Project Feasibility Studies						
Interim emergency response plan funds for top priority District flooding areas	\$30,000.00	\$38,739.00	-\$8,739.00	\$1,778.00	4129-101	DW-19
Groundwater/Surface Water Next Steps	\$50,000.00	\$0.00	\$50,000.00	\$0.00	4129-101	DW-10, DW-16
Hillcrest Golf Course	\$20,000.00	\$72.00	\$19,928.00	\$0.00	4129-101	DW-6
Kohiman Creek flood damage reduction feasibility study	\$75,000.00	\$6,503.50	\$68,496.50	\$0.00	4129-101	DW-9, KC-2, BELT-3
Kohiman Creek- Wakefield Lake Diversion Planning and Design	\$111,600.00	\$71,830.13	\$86,010.00	\$807.50	4129-101	DW-9, KC-2, BELT-3
Improvements to County Ditch 17	\$20,000.00	\$34,770.50	-\$14,770.50	\$235.00	4129-101	DW-9, BELT-3
Improvements to Phalen Village	\$20,000.00	\$23,494.00	-\$3,494.00	\$235.00	4129-101	DW-9, BELT-3
Ames Lake Technical Assistance and Project Planning with St. Paul	\$25,000.00	\$18,482.00	\$6,518.00	\$0.00	4129-101	DW-9, BELT-3
694/494/94 WQ treatment feasibility study	\$30,000.00	\$0.00	\$30,000.00	\$0.00	4129-101	BCL-3
Double Driveway Optimization Study	\$25,000.00	\$13,705.25	\$11,294.75	\$1,240.00	4129-101	FC-2
Carver Pond Improvements Study (Fish Creek Subwatershed)	\$25,000.00	\$19,603.53	\$5,396.47	\$0.00	4129-101	FC-2
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$30,000.00	\$2,496.00	\$27,504.00	\$0.00	4129-101	MR-2
Owasso Basin area/North Star Estates improvements (with City of Little Canada)	\$50,000.00	\$90,145.47	-\$40,145.47	\$1,082.00	4129-101	GC-3
Wetland Restoration Workshop, Education, and Planning	\$5,000.00	\$2,969.00	\$2,031.00	\$0.00	4129-101	DW-8
Contingency*	\$45,000.00	\$0.00	\$45,000.00	\$0.00	4129-101	
GIS Maintenance						
GIS Maintenance	\$5,000.00	\$1,047.00	\$3,953.00	\$0.00	4170-101	DW-13
Monitoring Water Quality/Project Monitoring						
Lake Water Quality Monitoring (Misc QA/QC)	\$10,000.00	\$34.50	\$9,965.50	\$0.00	4520-101	DW-2
Annual WQ Report Assistance	\$10,000.00	\$13,513.00	-\$3,513.00	\$0.00	4520-101	DW-2
Special Project BMP Monitoring	\$25,000.00	\$11,270.31	\$13,729.69	\$546.88	4520-101	DW-12
Grass Lake Berm Wetland Monitoring	\$10,000.00	\$9,589.33	\$410.67	\$0.00	4520-101	DW-5
Permit Processing, Inspection and Enforcement						
Permit Application Inspection and Enforcement	\$10,000.00	\$4,269.50	\$5,730.50	\$0.00	4122-101	DW-7
Permit Application Review	\$55,000.00	\$53,117.50	\$1,882.50	\$965.50	4124-101	DW-7
Lake Studies/TMDL Reports						
2022 Grant Applications	\$40,000.00	\$2,005.50	\$37,994.50	\$0.00	4661-101	DW-13
WMP Updates - Including Implementation Plan Updates if needed	\$20,000.00	\$7,365.00	\$12,635.00	\$0.00	4661-101	DW-13
Prioritization of water quality projects from subwatershed feasibility studies	\$5,000.00	\$1,029.00	\$3,971.00	\$72.00	4661-101	DW-13
Cost/Benefit Analysis of Treatment Options for Bennett and Wakefield in 2020 Internal Load Analysis	\$35,000.00	\$31,350.00	\$3,650.00	\$1,080.00	4661-101	WL-3, BeL-3
Phalen Chain of Lakes Changes in Water Quality	\$2,500.00	\$2,070.00	\$430.00	\$0.00	4661-101	DW-2, 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)	\$12,000.00	\$4,174.50	\$7,825.50	\$0.00	4695-101	DW-12
Kohiman Permeable Weir Test System - Implement Monitoring Plan	\$50,000.00	\$25,678.13	\$24,321.87	\$1,244.00	4695-101	DW-12
Shallow Lake Aeration Study	\$90,000.00	\$76,351.06	\$13,648.94	\$4,863.00	4695-101	DW-12
Project Operations						
2022 Tanners Alum Facility Monitoring	\$15,000.00	\$19,962.27	-\$4,962.27	\$75.00	4650-101	TaL-3
Capital Improvements						
North St. Paul Target	\$160,000.00	\$158,012.30	\$1,987.70	\$0.00	4128-518	DW-6
East St Paul and North St. Paul Target Retrofit Projects	\$5,000.00	\$4,607.00	\$393.00	\$0.00	4128-518	DW-6
Woodbury Target Stormwater Retrofit	\$46,900.00	\$18,133.50	\$28,766.50	\$2,812.50	4128-518	DW-6
Ryan Drive-Keller Parkway Conveyance	\$194,000.00	\$226,570.20	-\$32,570.20	\$0.00	4128-520	DW-9, GC-3
2022 Targeted Retrofit Projects	\$191,000.00	\$184,847.54	\$6,152.46	\$757.00	4128-518	DW-6
Pioneer Park Stormwater Reuse	\$151,200.00	\$7,156.13	\$144,043.87	\$685.00	4128-518	DW-6
Stewardship Grant Program: GenI BMP Design Assistance and Review (cases where Dist is approached by landowner, or landowner is not commercial, school, church).	\$75,000.00	\$66,611.81	\$8,388.19	\$1,508.50	4682-529	DW-6
Kohiman Creek Storage and Detention	\$200,000.00	\$0.00	\$200,000.00	\$0.00	4128-520	KC-2
Wetland Restoration	\$100,000.00	\$0.00	\$100,000.00	\$0.00	4128-529	DW-8
South Owasso Boulevard East WQ Pond	\$150,000.00	\$0.00	\$150,000.00	\$0.00	4128-520	GC-3
West Industrial Park Berm and associated improvements	\$150,000.00	\$0.00	\$150,000.00	\$0.00	4128-520	GC-3
Lake Emily Subwatershed Regional BMP	\$160,000.00	\$64,393.26	\$95,606.74	\$510.00	4128-518	LE-3
CIP Project Repair & Maintenance						
Routine CIP Inspection and Unplanned Maintenance Identification	\$125,000.00	\$129,814.21	-\$4,814.21	\$3,849.50	4128-516	DW-5
Beltline 5-year Inspection	\$70,000.00	\$72,189.45	-\$2,189.45	\$1,363.50	4128-516	BELT-2
District Inspection Standardization	\$34,200.00	\$35,926.26	-\$1,726.26	\$0.00	4128-516	DW-5
2022 CIP Maintenance and Repairs	\$150,000.00	\$94,789.92	\$55,210.08	\$0.00	4128-516	DW-5
2023 CIP Maintenance and Repairs (planning, bidding, and project setup)	\$166,800.00	\$36,133.41	\$130,666.59	\$7,133.95	4128-516	DW-5

\$36,048.83

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


Bradley J. Lindaman, Vice President



**Summary of Professional Engineering Services During the Period
January 1, 2023 through January 13, 2023**

	Total Engineering Budget (2023)	Total Fees to Date (2023)	Budget Balance (2023)	Fees During Period	District Accounting Code	Plan Implementation Task Number
Engineering Administration						
General Engineering Administration	\$87,000.00	\$3,515.00	\$83,485.00	\$3,515.00	4121-101	DW-13
RWMWD Health and Safety/ERTK Program	\$2,000.00	\$0.00	\$2,000.00		4697-101	DW-13
Educational Program/Educational Forum Assistance	\$20,000.00	\$512.50	\$19,487.50	\$512.50	4129-101	DW-11
Topical Workshop, Education, and Planning	\$25,000.00	\$0.00	\$25,000.00		4129-101	DW-13
Engineering Review						
Engineering Review	\$70,000.00	\$1,674.00	\$68,326.00	\$1,674.00	4123-101	DW-13
Project Feasibility Studies						
Emergency Response Plans (communication with cities from 2021 and 2022 efforts)	\$15,000.00	\$820.00	\$14,180.00	\$820.00	4129-101	DW-19
Kohlman Creek flood damage reduction feasibility study	\$75,000.00	\$0.00	\$75,000.00		4129-101	DW-9, KC-2, BELT-3
Kohlman Creek- Wakefield Lake Diversion Planning and Design	\$111,600.00	\$1,621.50	\$109,978.50	\$1,621.50	4129-101	DW-9, KC-2, BELT-3
Ames Lake Technical Assistance and Project Planning with St. Paul	\$40,000.00	\$0.00	\$40,000.00		4129-101	DW-9, BELT-3
Resiliency Study for non-Beltline tributary areas (pre-planning study and evaluation of existing data)	\$150,000.00	\$67.50	\$149,932.50	\$67.50	4128-520	
Evaluate compliance with South Metro Mississippi River TSS TMDL	\$0.00	\$0.00	\$0.00		4129-101	MR-2
Owasso Basin area/North Star Estates improvements (with City of Little Canada)	\$30,000.00	\$6,783.00	\$23,217.00	\$6,783.00	4129-101	GC-3
Street Sweeping	\$20,000.00	\$1,750.50	\$18,249.50	\$1,750.50	4129-101	
Retrofit Inventory	\$20,000.00	\$297.50	\$19,702.50	\$297.50	4129-101	
Wetland Restoration Workshop, Education, and Planning	\$5,000.00	\$1,416.50	\$3,583.50	\$1,416.50	4129-101	DW-8
Contingency*	\$40,000.00				4129-101	
GIS Maintenance						
GIS Maintenance	\$5,000.00	\$0.00	\$5,000.00		4170-101	DW-13
Monitoring Water Quality/Project Monitoring						
Lake Water Quality Monitoring (Misc QA/QC)	\$10,000.00	\$0.00	\$10,000.00		4520-101	DW-2
Annual WQ Report Assistance	\$12,000.00	\$0.00	\$12,000.00		4520-101	DW-2
Special Project BMP Monitoring	\$25,000.00	\$242.50	\$24,757.50	\$242.50	4520-101	DW-12
Grass Lake Berm Wetland Monitoring	\$12,000.00	\$150.00	\$11,850.00	\$150.00	4520-101	DW-5
Battle Creek Monitoring to address TMDL	\$15,000.00	\$0.00	\$15,000.00			
Permit Processing, Inspection and Enforcement						
Permit Application Inspection and Enforcement	\$10,000.00	\$0.00	\$10,000.00		4122-101	DW-7
Permit Application Review	\$59,000.00	\$1,779.00	\$57,221.00	\$1,779.00	4124-101	DW-7
Lake Studies/TMDL Reports						
West Vadnais Lake Incorporation	\$15,000.00	\$0.00	\$15,000.00			
2023 Grant Applications	\$40,000.00	\$0.00	\$40,000.00		4661-101	DW-13
WMP Updates - Including Implementation Plan Updates if needed	\$20,000.00	\$0.00	\$20,000.00		4661-101	DW-13
Prioritization of water quality projects from subwatershed feasibility studies	\$5,000.00	\$0.00	\$5,000.00		4661-101	DW-13
Carver Ponds Internal Load Reduction	\$12,000.00	\$0.00	\$12,000.00			
Contingency for Lake Studies	\$22,500.00	\$0.00	\$22,500.00		4661-101	
Research Projects						
New Technology Mini Case Studies (average 6 per year)	\$15,000.00	\$0.00	\$15,000.00		4695-101	DW-12
Kohlman Permeable Weir Test System - Implement Monitoring Plan	\$0.00	\$150.00	-\$150.00	\$150.00	4695-101	DW-12
Shallow Lake Aeration Study	\$40,000.00	\$0.00	\$40,000.00		4695-101	DW-12
Project Operations						
2021 Tanners Alum Facility Monitoring	\$17,000.00	\$0.00	\$17,000.00		4650-101	TaL-3
Phalen/Keller and Twin Operations Support & Communications	\$5,000.00	\$0.00	\$5,000.00			
Lake Level Station Operation and Maintenance (add rain gauges?)	\$50,000.00	\$0.00	\$50,000.00			
Capital Improvements						
Tanners Outlet	\$5,000.00	\$0.00	\$5,000.00		4128-520	
Woodbury Target	\$180,000.00	\$19,921.00	\$160,079.00	\$1,787.50	4128-518	
Targeted Retrofit Projects 2023	\$150,000.00	\$1,497.00	\$148,503.00	\$1,497.00	4128-518	DW-6
Stewardship Grant Program	\$75,000.00	\$1,460.50	\$73,539.50	\$1,460.50	4682-529	DW-6
West Industrial Park Berm and associated improvements	\$300,000.00	\$0.00	\$300,000.00		4128-520	GC-3
Lake Emily Subwatershed BMP	\$160,000.00	\$65,130.76	\$94,869.24	\$737.50	4128-518	LE-3
Pioneer Park Stormwater Reuse	\$151,200.00	\$11,781.04	\$139,418.96	\$4,624.91	4128-518	
Double Driveway and Fish Creek Tributary Improvements	\$112,200.00	\$1,483.50	\$110,716.50	\$1,483.50	4129-101	FC-2
CIP Project Repair & Maintenance						
Routine CIP Inspection and Unplanned Maintenance Identification	\$125,000.00	\$1,642.50	\$123,357.50	\$1,642.50	4128-516	DW-5
2023 CIP Maintenance and Repairs	\$165,000.00	\$40,873.40	\$124,126.60	\$4,740.00	4128-516	DW-5

\$38,752.91

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

Bradley J. Lindaman, Vice President

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

Page: 1
January 16, 2023
File No: 9M

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

	Balance
General Account	\$2,190.00
CIP 2023	\$550.00
	<u>\$2,740.00</u>

Stewardship Grant Application Summary

Project Name: Owasso Heights Townhomes

Application Number: 23-01 CS

Board Meeting Date: 2/1/2023

Applicant Name: Darlene Gorrell

Residential ☐

Commercial/Government ☒

Project Overview:

This project is located off South Owasso Boulevard just south of Lake Owasso in the City of Roseville. The townhome association is proposing to install a dry creek bed and rain gardens to help alleviate drainage issues they experience after heavy rainfalls. This project is located in a priority subwatershed so this portion of the work is eligible for 100% coverage up to \$100,000. They are also proposing to install native plantings around the dry creek bed to reduce the area that needs to be mowed. This portion is eligible for 50% coverage up to \$15,000. The grant request for this portion is about \$8,000.

BMP type(s):

Native Habitat Restoration(1), Rain Garden(3)

Grant Request:

\$61,000.00

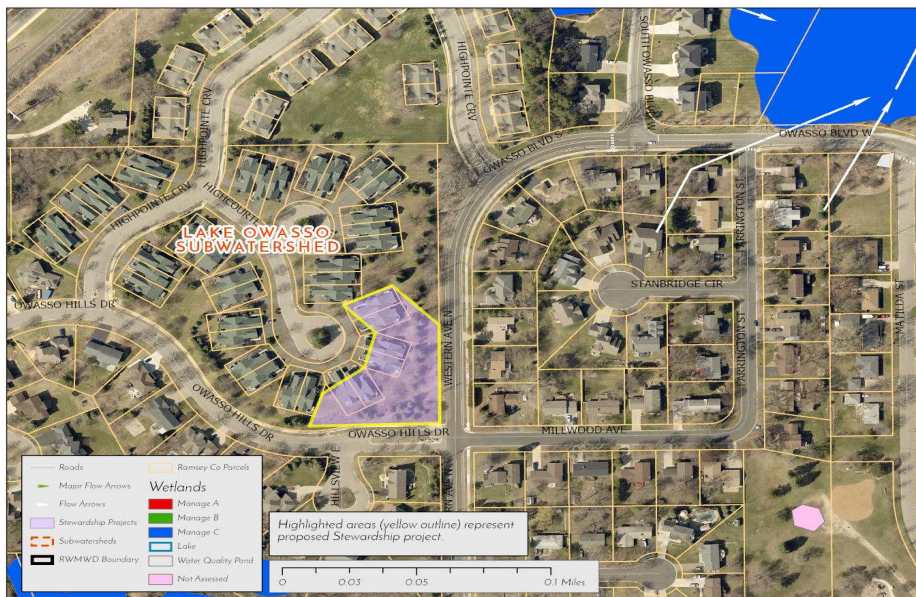
Recommendation:

Staff recommends approval of this application.

Subwatershed:

Lake Owasso

Location Maps:

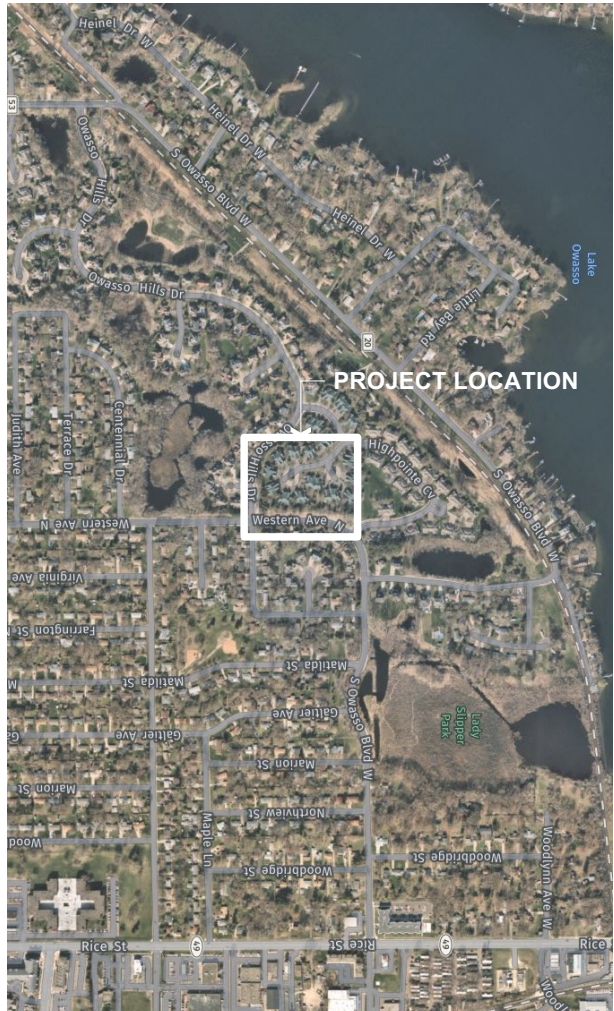


OWASSO HEIGHTS TOWNHOMES
BIO-SWALE & RAINGARDENS PROJECT

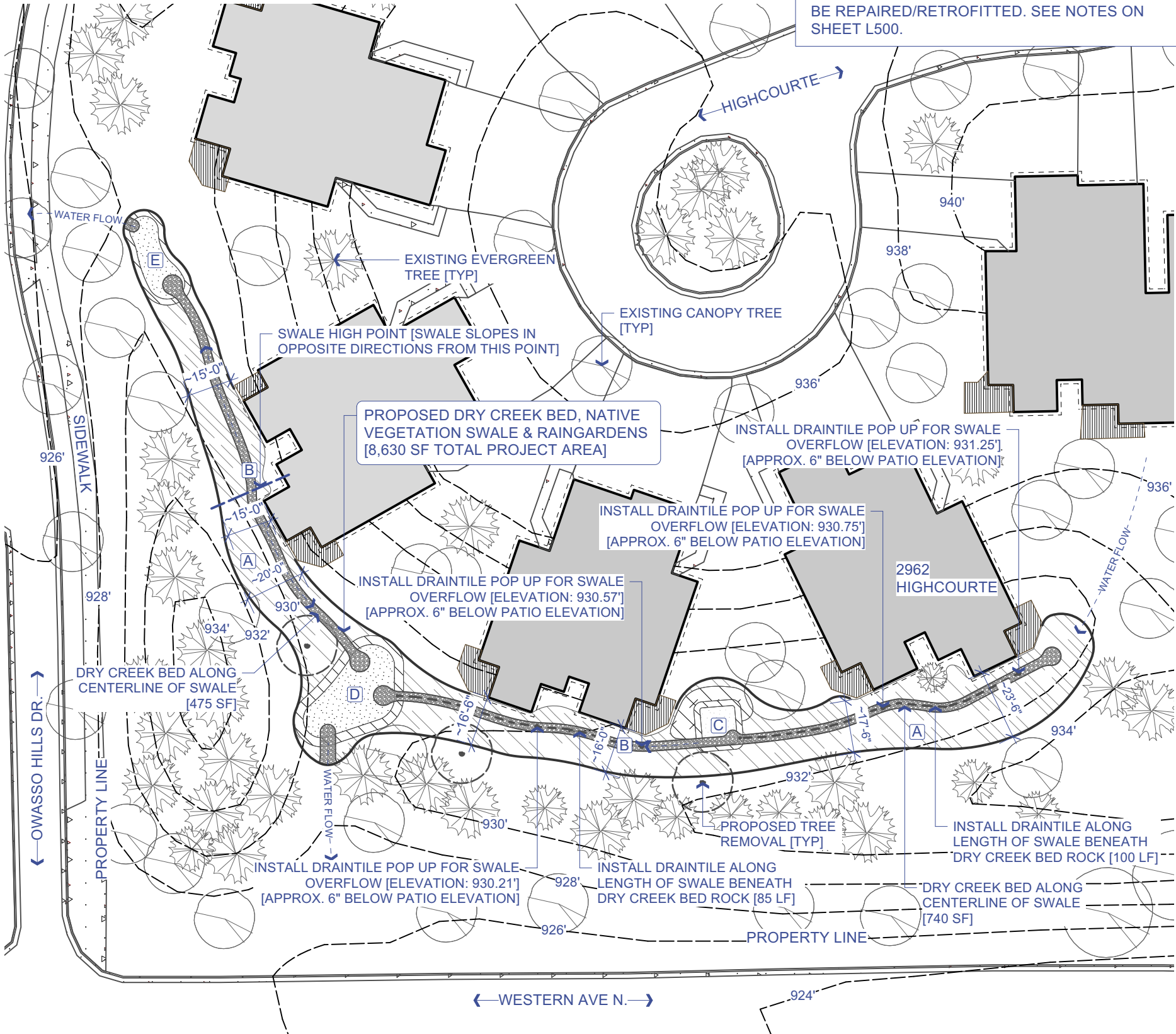
- ITEM A: NATIVE VEGETATION SWALE
ITEM B: DRY CREEK BED / DRAIN TILE
ITEM C: RAINGARDEN #1
ITEM D: RAINGARDEN #2
ITEM E: RAINGARDEN #3

PLAN LEGEND:

- NATIVE PLANTED SWALE
- DRY CREEK BED ROCK & RAINGARDEN OVERFLOW ROCK
- FLAT RAINGARDEN BASIN
- RAINGARDEN SIDE SLOPES



PROJECT LOCATION



NOTES:

1. SEE ITEMS A & B DRY CREEK BED / DRAIN TILE & VEGETATED SWALE INSTALLATION NOTES AND SPECIFICATIONS ON SHEET L500.
2. SEE DRY CREEK BED AND DRAIN TILE DETAIL DRAWINGS ON SHEET L400.
3. EXISTING IRRIGATION LINES WITHIN PROJECT AREA. IRRIGATION DISTURBANCE TO BE REPAIRED/RETROFITTED. SEE NOTES ON SHEET L500.



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

PROJECT:
OWASSO HEIGHTS TOWNHOMES
LOCATION:
2962-2947 HIGHCOURTE
ROSEVILLE, MN 55113
WATERSHED DISTRICT:



DESIGNER: BTO
DATE: 10/26/2022
PAST REVISION: 9/1/2022
PAST REVISION:
PAST REVISION:
CHECKED BY:
TAA:

NOTES:
-CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS
-ELEVATIONS ARE APPROXIMATE, SITE VERIFY
-VERIFY ANY BID ALTERNATES OR ONSITE CHANGES WITH SWCD STAFF PRIOR TO INSTALLATION
-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=40'-0"



SITE LAYOUT

L100

Consent Agenda Item

Board Meeting Date: February 1, 2023

Agenda Item No: 4D

Preparer: Tina Carstens, Administrator

Item Description: District Liability Insurance Coverage Waiver

Background:

As required by our annual insurance renewal application, we need to stipulate whether the District waives the tort liability limits set by the legislature for government agencies. The District has historically chosen to not waive the liability limits, which limits our exposure to liability claims to the legislative limit of \$500,000 per individual or \$1,500,000 in total. I have completed the form accordingly and attached it to this request for board action.

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 Liability Coverage Waiver Form indicating the District does not waive the monetary limits on municipal tort liability.

Financial Implications:

There are no budget implications for this action at this time.

Board Action Requested:

Approve the Liability Coverage Waiver Form indicating the District does not waive the monetary limits on municipal tort liability.

LIABILITY COVERAGE – WAIVER FORM

Members who obtain liability coverage through the League of Minnesota Cities Insurance Trust (LMCIT) must complete and return this form to LMCIT before the member's effective date of coverage. Return completed form to your underwriter or email to pstech@lmc.org.

The decision to waive or not waive the statutory tort limits must be made annually by the member's governing body, in consultation with its attorney if necessary.

Members who obtain liability coverage from LMCIT must decide whether to waive the statutory tort liability limits to the extent of the coverage purchased. The decision has the following effects:

- *If the member does not waive the statutory tort limits*, an individual claimant could recover no more than \$500,000 on any claim to which the statutory tort limits apply. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would be limited to \$1,500,000. These statutory tort limits would apply regardless of whether the member purchases the optional LMCIT excess liability coverage.
- *If the member waives the statutory tort limits and does not purchase excess liability coverage*, a single claimant could recover up to \$2,000,000 for a single occurrence (under the waive option, the tort cap liability limits are only waived to the extent of the member's liability coverage limits, and the LMCIT per occurrence limit is \$2,000,000). The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to \$2,000,000, regardless of the number of claimants.
- *If the member waives the statutory tort limits and purchases excess liability coverage*, a single claimant could potentially recover an amount up to the limit of the coverage purchased. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to the amount of coverage purchased, regardless of the number of claimants.

Claims to which the statutory municipal tort limits do not apply are not affected by this decision.

LMCIT Member Name: _____

Check one:

☒ The member **DOES NOT WAIVE** the monetary limits on municipal tort liability established by Minn. Stat. § 466.04.

☐ The member **WAIVES** the monetary limits on municipal tort liability established by Minn. Stat. § 466.04, to the extent of the limits of the liability coverage obtained from LMCIT.

Date of member's governing body meeting: 02/01/2023

Signature: Tina Carstens Position: Administrator

* * * * *

Permit Program

* * * * *

Permit Application Coversheet

Date February 01, 2023

Project Name Caretta Assisted Living

Project Number 23-02

Applicant Name Lucas Larson, Galahad Development

Type of Development Residential

Property Description

This project is located off County Road C East, west of White Bear Avenue in the City of Maplewood. The total site area is 3.3 acres. The applicant is proposing to construct an assisted living building with associated parking lot. A future second building on the east side of the site is planned, thus additional impervious area was accounted for in the stormwater calculations for this permit. Two underground filtration systems are proposed to meet stormwater treatment requirements. Filtration is being proposed due to poor soils and high groundwater. Pretreatment methods include sumped catch basins with snout skimmer devices. A portion of the site is located within the 100-year floodplain, and no net fill is proposed to maintain existing flood storage on the landscape. Three wetlands were delineated onsite, one of which is deemed incidental (#21-17 WCA decision 11/18/21, #22-11 WCA decision 9/16/22). A Wetland Conservation Act (WCA) application was also submitted for installation of a stormwater flared end section near the wetland to the south (#23-01 WCA decision 1/23/23). A variance request for temporary disturbance in the upland buffer of Wetland 3 is being requested to accommodate this pipe work. The disturbed buffer area will be restored with a native seed mix, and the applicant has demonstrated RWMWD buffer requirements are being met in the final, proposed condition.

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 and preserves existing flood storage on the landscape.

Water Quality Considerations

Short Term

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

Long Term

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

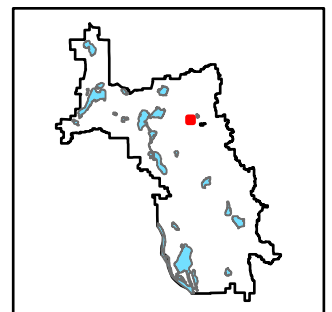
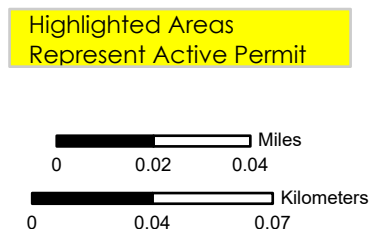
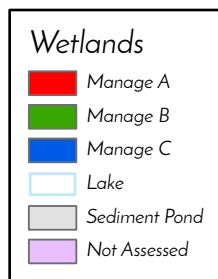
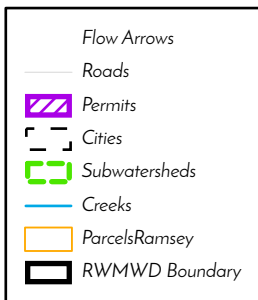
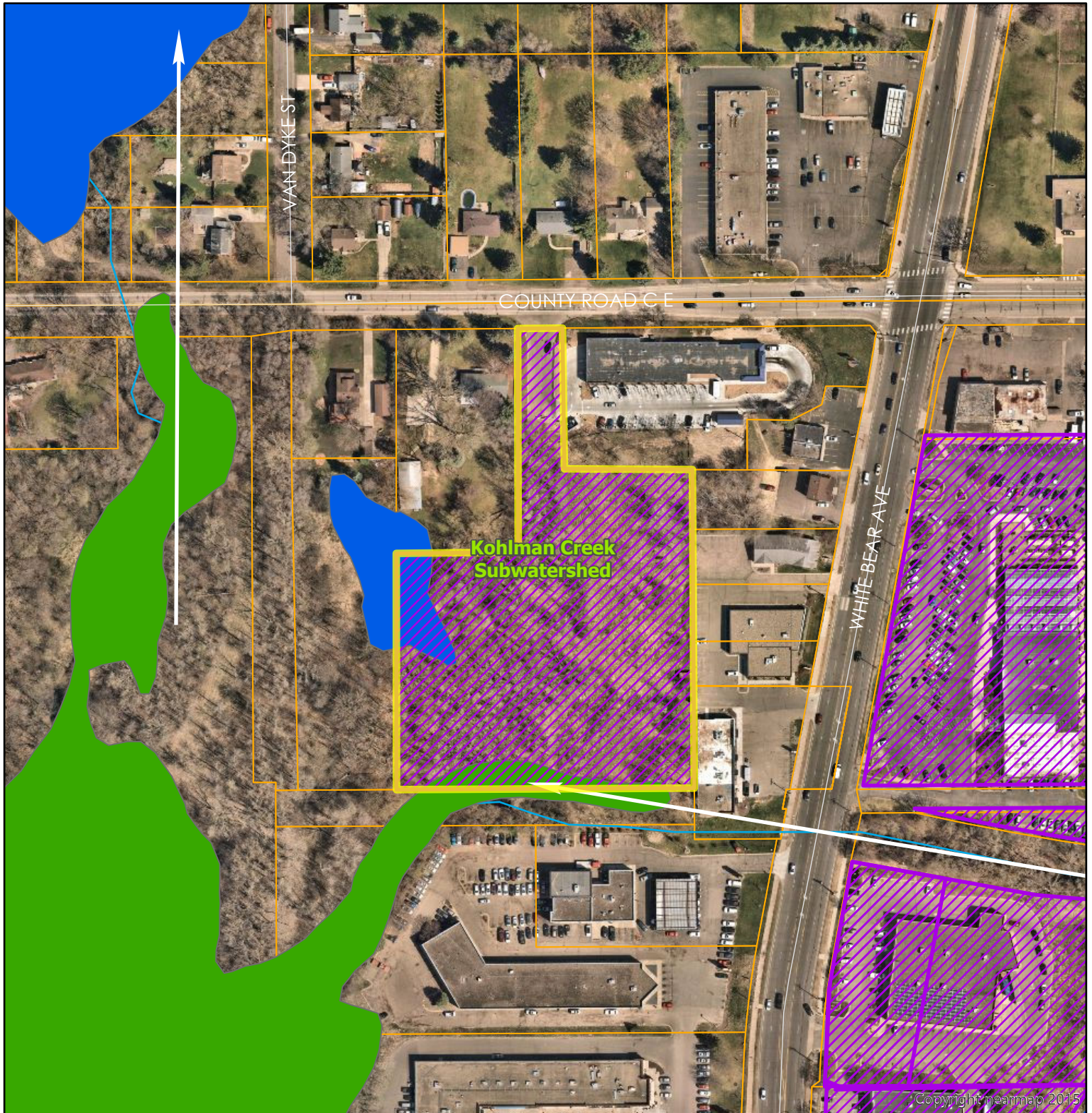
Staff Recommendation

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

Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan

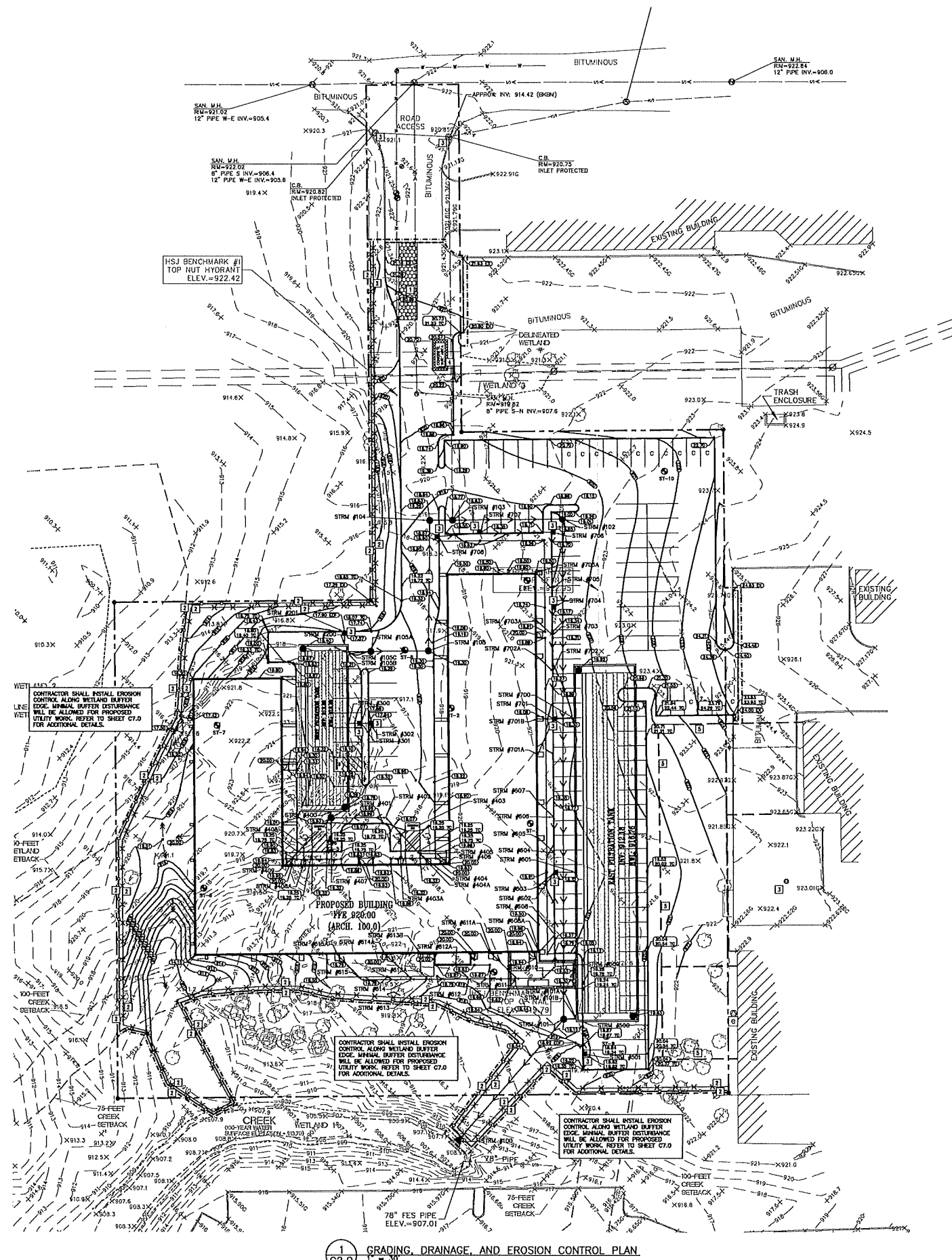
#23-02 Caretta Assisted Living



23-02

Special Provisions

1. The applicant shall submit the escrow fee of \$16,350.
2. The applicant shall submit the final, signed plans.
3. The applicant shall submit the joint stormwater maintenance agreement with the City of Maplewood for the proposed stormwater treatment facilities.
4. The applicant shall submit the final geotechnical report.
5. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the SWPPP.
6. The applicant shall submit the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



PROPOSED PLAN SYMBOLS

CONSTRUCTION LIMITS	---
SILTATION FENCE	X-X
STRAW BALE	
PROPERTY LINE	---
POWERT LINE (VPPRCL)	---
PROPOSED CONTOUR	---
DRAIN TILE	---
STORM SEWER	---
CATCH BASIN	○
MANHOLE	○
FLARED END SECTION WITH REPRAP	---
ROCK CONSTRUCTION ENTRANCE	---
DRAINAGE FLOW ARROW	---
SPOT ELEVATION	---
SOIL BORING	---
CONCRETE WASHOUT AREA	---

ABBREVIATIONS

BM	Benchmark
CB	Catch Basin
CONC	Concrete
DW	Dwelling Water
FES	Flared End Section
G	Gutter
INV	Invert
MH	Manhole
RCP	Reinforced Concrete Pipe
RM	Rm Elevation
STM	Storm Sewer Structure

APPROXIMATE DISTURBED AREA IS 3.27 ACRES

NOTES:

STORM SEWER INLETS NOT SHOWN ON PLAN MAY RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INSTALL INLET SEDIMENT PROTECTION PER DETAIL 4/C5.0 ON ALL STORM INLETS THAT MAY RECEIVE RUNOFF.

WALKWAY NOTES:

1. GRADING CONTRACTOR IS TO COORDINATE WITH PAVING CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING ON-SITE WITH THE CITY AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT. IF DAMAGED OR REMOVED DURING CONSTRUCTION, ALL EROSION CONTROL FACILITIES SHALL BE RESTORED AND IN PLACE AT THE END OF EACH DAY.

2. NOTIFY MAJOR SEDIMENTATION RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, AT 651-792-7978 PRIOR TO BEGINNING CONSTRUCTION ACTIVITY IN ORDER TO SCHEDULE A INITIAL SWPPP INSPECTION.

3. SPECIFIED EROSION/SEDIMENT CONTROL PRACTICES ARE THE MINIMUM REQUIRED. ADDITIONAL PRACTICES MAY BE REQUIRED DURING THE COURSE OF CONSTRUCTION. ANY EROSION CONTROL FACILITIES DEEMED NECESSARY BY THE CITY OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, BEFORE, DURING OR AFTER THE GRADING ACTIVITIES, SHALL BE INSTALLED AT THEIR REQUEST.

4. NO DEVIATIONS SHALL BE MADE FROM THE ELEVATIONS SHOWN ON THE APPROVED GRADING PLAN WITHOUT PRIOR APPROVAL FROM THE CIVIL ENGINEER.

5. FOR SITES GREATER THAN 1.0 ACRE, AS REQUIRED BY THE MPCA PERMIT REQUIREMENTS, THE PERMIT APPLICANT MUST KEEP AN EROSION CONTROL INSPECTION LOG. INSPECTION MUST BE MADE ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER EVERY RAIN EVENT. THE INSPECTION RECORD MUST BE MADE AVAILABLE TO THE CITY AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT WITHIN 24 HOURS OF REQUEST.

6. FLOWS FROM DIVERSION CHANNELS OR PIPES (TEMPORARY OR PERMANENT) SHALL BE ROUTED TO SEDIMENTATION BASINS OR APPROPRIATE ENERGY DISSIPATORS TO PREVENT TRANSPORT OF SEDIMENT TO OUTFLOW TO LATERAL CONVEYORS AND TO PREVENT EROSION AND SEDIMENTATION WHEN RUNOFF FLOWS INTO THESE CONVEYORS.

7. SITE ACCESS ROADS SHALL BE GRADED OR OTHERWISE PROTECTED WITH SILT FENCES, DIVERSION CHANNELS, OR Dikes AND PIPES TO PREVENT SEDIMENT FROM EXITING THE SITE VIA THE ACCESS ROADS. SITE-ACCESS ROADS/DRIVEWAYS SHALL BE SURFACED WITH CRUSHED ROCK WHERE THEY ADJOIN EXISTING PAVED ROADWAYS.

8. SOLS TRACKED FROM THE SITE BY MOTOR VEHICLES OR EQUIPMENT SHALL BE CLEANED DAILY FROM PAVED ROADWAY SURFACES, OR MORE FREQUENTLY IF REQUESTED BY CITY OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT, THROUGHOUT THE DURATION OF CONSTRUCTION.

9. DUST CONTROL MEASURES SHALL BE PERFORMED PERIODICALLY WHEN CONDITIONS REQUIRE AND/OR AS DIRECTED BY THE CITY OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT.

10. ALL EROSION CONTROL MEASURES SHALL BE USED AND MAINTAINED FOR THE DURATION OF SITE CONSTRUCTION. IF CONSTRUCTION OPERATIONS OR NATURAL EVENTS DAMAGE OR INTERFERE WITH THESE EROSION CONTROL MEASURES, THEY SHALL BE RESTORED TO SERVE THEIR INTENDED FUNCTION AT THE END OF EACH DAY.

11. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED AS SOON AS POSSIBLE. ANY AREAS WHICH HAVE BEEN FINISHED GRADED OR AREAS THAT HAVE BEEN DISTURBED AND FOR WHICH GRADING OR SITE BUILDING CONSTRUCTION OPERATIONS ARE NOT ACTIVELY UNDERWAY SHALL BE SEEDED AND MULCHED AS SET FORTH IN THE FOLLOWING PARAGRAPHS WITHIN 14 DAYS:

A. ALL SEEDED AREAS SHALL BE EITHER MULCHED AND DISC-ANCHORED OR COVERED BY FIBROUS BLANKETS TO PROTECT SEEDS AND LIMIT EROSION. TEMPORARY STRAW MULCH SHALL BE DISC-ANCHORED AND APPLIED AT A UNIFORM RATE OF NOT LESS THAN TWO TONS PER ACRE AND NOT LESS THAN SIX COVERAGE.

B. IF THE GRADED AREA IS ANTICIPATED TO BE RE-DISTURBED/DEVELOPED WITHIN SIX MONTHS, PROVIDE A TEMPORARY VEGETATIVE COVER CONSISTING OF MINNESOTA DEPARTMENT OF TRANSPORTATION (WDOT) SEED MIXTURE 21-111 (OATS), OR 21-112 (WINTER WHEAT), AT A RATE OF 100 POUNDS PER ACRE.

C. IF GRADED AREA WILL NOT BE DEVELOPED FOR A PERIOD GREATER THAN SIX MONTHS, PROVIDE A SEMI-PERMANENT VEGETATIVE COVER OF SEED MIXTURE W1007 22-112 AT A RATE OF 40 POUNDS PER ACRE.

D. GRADING BONDS OR THE EQUIVALENT SECURITIES SHALL BE RETAINED UNTIL TURF HAS GERMINATED AND SURVIVED A 60-DAY GROWING PERIOD.

E. UNLESS SPECIFIED ELSEWHERE WITHIN THE CONSTRUCTION DOCUMENTS (I.E. ARCHITECTURAL SITE PLAN OR LANDSCAPE PLAN), PERMANENT TURF RESTORATION SHALL CONSIST OF SOO.

F. WHICHEVER OTHER EROSION AND SEDIMENT CONTROL PRACTICES ARE INADEQUATE, TEMPORARY ON-SITE SEDIMENT BASINS THAT CONFORM TO THE CRITERIA FOR ON-SITE DETENTION BASINS SHALL BE PROVIDED.

G. MULCH, HYDROMULCH, AND TACKIFIERS MAY NOT BE USED FOR STABILIZATION IN SWALES OR DRAINAGE DITCHES UNLESS THE LONGITUDINAL SLOPE IS LESS THAN 2 PERCENT.

H. RUNOFF SHALL BE PREVENTED FROM ENTERING ALL STORM SEWER CATCH BASINS PROMISING THEY ARE NOT NEEDED DURING CONSTRUCTION. WHERE STORM SEWER CATCH BASINS ARE NECESSARY FOR SITE DRAINAGE DURING CONSTRUCTION, SEDIMENT PROTECTION DEVICES AS DETAILED SHALL BE INSTALLED AND MAINTAINED AROUND ALL CATCH BASINS UNTIL THE TEMPORARY AREA TO THE CATCH BASIN IS RESTORED.

12. GRADING ACTIVITIES AFTER OCTOBER 15 WILL REQUIRE AN APPROVED PAVING SCHEDULE. THE AREA OF LAND THAT THE CITY WILL ALLOW TO BE DISTURBED AT THIS TIME OF YEAR WILL BE SEVERELY LIMITED. THE CITY WILL ALSO REQUIRE ADDITIONAL EROSION CONTROL DEVICES, I.E. TEMPORARY SEDIMENT BASINS, DOMANT SEEDING AND HIGH RATES OF APPLICATION OF BOTH SEED AND MULCH.

13. FILTER BLANKET AND RIPRAP SHALL BE INSTALLED ON THE DOWNSTREAM SIDES OF ALL STORM SEWER OUTLETS 24 HOURS AFTER CONSTRUCTION AS INDICATED AND DETAILED. ALL RIPRAP SHALL BE INSTALLED WITH A FILTER MATERIAL MEETING THE WDOT SPECIFICATIONS FOR RIPRAP AND FILTER MATERIAL.

14. EROSION CONTROL FACILITIES SHALL BE INSTALLED AND MAINTAINED AROUND THE PERIMETER OF ALL CREEKS AND WETLANDS WITHIN OR ADJACENT TO THE AREA TO BE GRADED UNTIL THE TEMPORARY AREA TO THE CREEKS AND WETLANDS IS RESTORED.

15. TO MINIMIZE EROSION, ALL 3:1 SLOPES SHALL BE COVERED WITH A MAX/DOT 3085 CATEGORY 20 STRAW EROSION CONTROL BLANKETS OR STAVED SOO.

16. ACCUMULATION OF ALL SEDIMENT OCCURRING IN CREEKS, WETLANDS, STORM SEWERS, AND DITCHES SHALL BE REMOVED PRIOR TO, DURING, AND AFTER COMPLETION OF GRADING ACTIVITIES.

17. EROSION CONTROL ITEMS AND DEVICES SHALL BE REMOVED ONLY AFTER THE AREA HAS RECEIVED FINAL STABILIZATION OR AS DIRECTED BY THE CITY AND/OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT.

- KEYED NOTES**
- KEYED NOTES ARE DENOTED BY [] ON PLAN.
- [1] INSTALL ROCK CONSTRUCTION ENTRANCE. REFER TO DETAIL 1/C5.0.
- [2] INSTALL PERIMETER EROSION CONTROL. REFER TO DETAILS 2/C5.0, 3/C5.0, AND 10/C5.1.
- [3] INSTALL INLET SEDIMENT PROTECTION. REFER TO DETAIL 4/C5.0.
- [4] APPROXIMATE LOCATION OF TEMPORARY CONTAINED CONCRETE WASH OUT BNL REFER TO THE MINNESOTA DEPARTMENT OF TRANSPORTATION PERMIT FOR CONSTRUCTION ACTIVITY FOR MORE DETAILS. SELF-CONTAINED CONCRETE WASHOUTS ON CONCRETE DELIVERY TRUCKS IS AN ACCEPTABLE ALTERNATIVE TO ON-SITE CONTAINMENT.
- [5] ASSUMED FINISH FLOOR ELEVATION OF FUTURE BUILDING IS APPROXIMATELY 925.40.
- EROSION CONTROL NOTES:**
1. ALL EROSION CONTROL FACILITIES SHALL BE INSTALLED PRIOR TO ANY SITE GRADING OPERATIONS. THE CITY ENGINEERING DEPARTMENT AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT MUST BE NOTIFIED UPON COMPLETION OF THE INSTALLATION OF THE REQUIRED EROSION CONTROL FACILITIES AND PRIOR TO ANY GRADING OPERATION BEGINS. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION GRADING MEETING ON-SITE WITH THE CITY AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT. IF DAMAGED OR REMOVED DURING CONSTRUCTION, ALL EROSION CONTROL FACILITIES SHALL BE RESTORED AND IN PLACE AT THE END OF EACH DAY.
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- B. IF THE GRADED AREA IS ANTICIPATED TO BE RE-DISTURBED/DEVELOPED WITHIN SIX MONTHS, PROVIDE A TEMPORARY VEGETATIVE COVER CONSISTING OF MINNESOTA DEPARTMENT OF TRANSPORTATION (WDOT) SEED MIXTURE 21-111 (OATS), OR 21-112 (WINTER WHEAT), AT A RATE OF 100 POUNDS PER ACRE.
- C. IF GRADED AREA WILL NOT BE DEVELOPED FOR A PERIOD GREATER THAN SIX MONTHS, PROVIDE A SEMI-PERMANENT VEGETATIVE COVER OF SEED MIXTURE W1007 22-112 AT A RATE OF 40 POUNDS PER ACRE.
- D. GRADING BONDS OR THE EQUIVALENT SECURITIES SHALL BE RETAINED UNTIL TURF HAS GERMINATED AND SURVIVED A 60-DAY GROWING PERIOD.
- E. UNLESS SPECIFIED ELSEWHERE WITHIN THE CONSTRUCTION DOCUMENTS (I.E. ARCHITECTURAL SITE PLAN OR LANDSCAPE PLAN), PERMANENT TURF RESTORATION SHALL CONSIST OF SOO.
- F. WHICHEVER OTHER EROSION AND SEDIMENT CONTROL PRACTICES ARE INADEQUATE, TEMPORARY ON-SITE SEDIMENT BASINS THAT CONFORM TO THE CRITERIA FOR ON-SITE DETENTION BASINS SHALL BE PROVIDED.
- G. MULCH, HYDROMULCH, AND TACKIFIERS MAY NOT BE USED FOR STABILIZATION IN SWALES OR DRAINAGE DITCHES UNLESS THE LONGITUDINAL SLOPE IS LESS THAN 2 PERCENT.
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12. GRADING ACTIVITIES AFTER OCTOBER 15 WILL REQUIRE AN APPROVED PAVING SCHEDULE. THE AREA OF LAND THAT THE CITY WILL ALLOW TO BE DISTURBED AT THIS TIME OF YEAR WILL BE SEVERELY LIMITED. THE CITY WILL ALSO REQUIRE ADDITIONAL EROSION CONTROL DEVICES, I.E. TEMPORARY SEDIMENT BASINS, DOMANT SEEDING AND HIGH RATES OF APPLICATION OF BOTH SEED AND MULCH.
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17. EROSION CONTROL ITEMS AND DEVICES SHALL BE REMOVED ONLY AFTER THE AREA HAS RECEIVED FINAL STABILIZATION OR AS DIRECTED BY THE CITY AND/OR RAMSEY-WASHINGTON METRO WATERSHED DISTRICT.
- GRADING NOTES:**
1. THE CONTRACTOR SHALL VISIT THE SITE, REVIEW ALL CONSTRUCTION DOCUMENTS, AND FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO BEGINS. 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 HARRY S. JOHNSON LAND SURVEYORS, (952) 844-534.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATION AND MARK ALL EXISTING UTILITIES 48 HOURS BEFORE CONSTRUCTION STARTS. THE ENGINEER, ARCHITECT, OR OWNER DOES NOT GUARANTEE THAT ALL THE UTILITIES ARE MARKED OR, IF MARKED, ARE SHOWN CORRECTLY. CONTACT UTILITY OWNER 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 TRENCHING AND EXCAVATION WORK COMMENCES. THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO START OF CONSTRUCTION.
6. ALL SPOT ELEVATIONS SHOWN AS 20.50, FOR EXAMPLE, ARE TO BE UNDERSTOOD TO MEAN 920.50.
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. ACCESSIBLE PARKING AREAS SHALL NOT HAVE SLOPES IN ANY DIRECTION THAT EXCEED 2%.
10. PROVIDE POSITIVE DRAINAGE FROM BUILDINGS AT ALL TIMES.
11. UPON COMPLETION OF THE GRADING AND UTILITY WORK, THE CONTRACTOR SHALL CERTIFY THAT ALL GRADING AND UTILITY WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED GRADING AND UTILITY PERMITS. AN AS-BUILT GRADING AND UTILITY PLAN SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR HIRED BY THE CONTRACTOR. SURVEY SHALL BE PROVIDED TO CIVIL ENGINEER.
12. PRIOR TO ISSUANCE OF BUILDING PERMITS, ALL NECESSARY EROSION CONTROL DEVICES MUST BE IN PLACE AND FUNCTIONING. THE CITY (AND RAMSEY-WASHINGTON METRO WATERSHED DISTRICT) WILL INSPECT THE SITE TO DETERMINE ITS SUITABILITY FOR BUILDING ACTIVITIES. IF THE PUBLIC UTILITIES HAVE NOT BEEN INSTALLED AT THIS POINT, IT MAY BE NECESSARY TO WITHHOLD BUILDING PERMITS FOR VARIOUS LOTS TO ALLOW THE CONTRACTOR ADEQUATE SPACE TO PERFORM THIS WORK.
13. ALL DEBRIS CREATED IN THE PROCESS OF CLEANING 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.
14. THE CONTRACTOR MAY STRIP AND SALVAGE TOPSOIL FOR POTENTIAL RE-SPREADING ON THE SITE, IF APPROVED BY THE LANDSCAPE ARCHITECT AND/OR SPECIFICATIONS. SIX INCHES OF TOPSOIL - AFTER COMPACTION - SHALL BE RE-SPREAD PRIOR TO SEEDING AND MULCHING. EXCESS TOPSOIL MAY BE REMOVED FROM THE SITE PROVIDED THERE IS ADEQUATE TOPSOIL REMAINING TO 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.
15. 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 PERMISSION IS GRANTED FROM THE ADJACENT PROPERTY OWNER(S).
16. IF CONSTRUCTION OF THE SITE WORK PROCEEDS THROUGH THE WINTER MONTHS, ANY DISTURBED AREAS OUTSIDE THE BUILDING FOOTPRINTS ARE TO BE MANUALLY STABILIZED PRIOR TO MARCH 1, AS FOLLOWS: AREAS PLANNED TO RECEIVE PAVEMENTS ARE TO HAVE CLASS 5 BASE INSTALLED; ALL OTHER DISTURBED AREAS ARE TO BE SEEDED, STRAW MULCH PLACED, AND DISC-ANCHORED.
17. WINTER MULCHING:
- 17A. SNOW MULCHING SHALL BE DEFINED AS MULCH MATERIAL SPREAD OVER THE TOP OF SNOW SO THAT THE MULCH MIXES THROUGH THE SNOW AND STAYS TO THE EXPOSED SOILS.
- 17B. FROZEN GROUND MULCHING SHALL BE DEFINED AS MULCH MATERIAL SPREAD OVER FROZEN GROUND. MULCH MATERIALS THAT DO NOT REQUIRE DISC-ANCHORING INTO THE SOIL MAY BE PLACED WITHOUT MODIFICATION. MULCH MATERIALS THAT REQUIRE DISC-ANCHORING MAY BE ANCHORED WITH HYDRAULIC SOL STABILIZERS OR MAY BE FROZEN TO THE SOIL BY APPLYING WATER AT A RATE OF 2000 GALLONS PER ACRE OVER THE MULCH AS A SUBSTITUTION FOR DISC-ANCHORING.
18. THE CONTRACTOR SHALL LIMIT THE DISTURBED AREA AS MUCH AS POSSIBLE.

PROJECT:

DORAN
ARCHITECTURE

753 Cherry Road, Suite 200
Bloomington, MN 55409
(612) 252-0203
612-252-0203

PERMIT/ISSUE:

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.

KEYVIN A. BOHL
Date: 12/21/22 REG # 52202

ISSUE RECORD

No.	Description	Date
1	CITY WATERSHED REVIEW SET	11/23/2022

PROJECT: CARETTA ASSISTED LIVING & MEMORY CARE

LOCATION: MAPLEWOOD, MN

PROJECT NUMBER: 21435.50

DATE: 12/21/22

PROJECT MANAGER: WH

DESIGNED BY: NPA

PREPARED FOR: DORAN PROPERTIES GROUP

753 Cherry Road, Suite 200
Bloomington, MN 55409
(612) 252-0203
612-252-0203

SHEET TITLE: GRADING, DRAINAGE, AND EROSION CONTROL PLAN

SHEET NUMBER: C2.0

PLOT DATE:



VARIANCE REQUEST

Nicole Soderholm
Ramsey-Washington Metro Watershed District
2665 Noel Drive
Little Canada, MN 55117

Re: Caretta Assisted Living & Memory Care
BKBM Project No. 21435.50

Dear Nicole:

The developer (Galahad Development) of the Caretta Assisted Living and Memory Care project in Maplewood is requesting a variance to the no-disturb buffer requirements as outlined in Rule E of the Ramsey-Washington Metro Watershed District's (RWMWD) rules.

There are 3 wetlands surrounding the proposed development. Wetland 1 (Manage B) is located to the south of the development, Wetland 2 (Manage C) is located to the west of the development, and Wetland 3 (Manage C) is located to the north of the development (see attached wetland impact drawing C7.0). Please note that no impacts to the existing wetland buffer for Wetland 2 are being proposed. In addition, Wetland 3 was approved as an incidental wetland per Permit #22-11 WCA Notice of Decision 09/16/2022. This variance request is regarding the proposed disturbance of the wetland buffer for Wetland 1.

RWMWD Rule E requires a no-disturb buffer of 50' on average with a minimum buffer of 25' for Manage B wetlands. As shown on the wetland impact drawing, a portion of the existing buffer for Wetland 1 will be impacted for proposed utility work.

The attached storm sewer exhibit shows the location of the existing storm sewer pipe that is routed through the center of the property. This pipe receives stormwater runoff from County Road C and directs the runoff to the existing creek south of the development. Because of the existing storm sewer's location on the site, the development cannot reasonably avoid the existing storm sewer line. As such, the project is proposing to reroute the existing sewer line around the east side of the proposed building and to provide a new discharge location into the creek, east of the current flared end section outlet.

Because of the proposed storm sewer rerouting, the project would require disturbance of the existing wetland buffer. Buffer disturbance would be necessary on the southwest side of the site for the contractor to access and remove the existing flared end section outlet and bulkhead the existing pipe. Buffer disturbance would also be required for the installation of the new storm sewer on the

southeast side of the site between STRM 100 to STRM 101. Once the storm sewer for this area has been installed, the buffer will be restored to its original conditions as detailed on the landscape plans (attached).

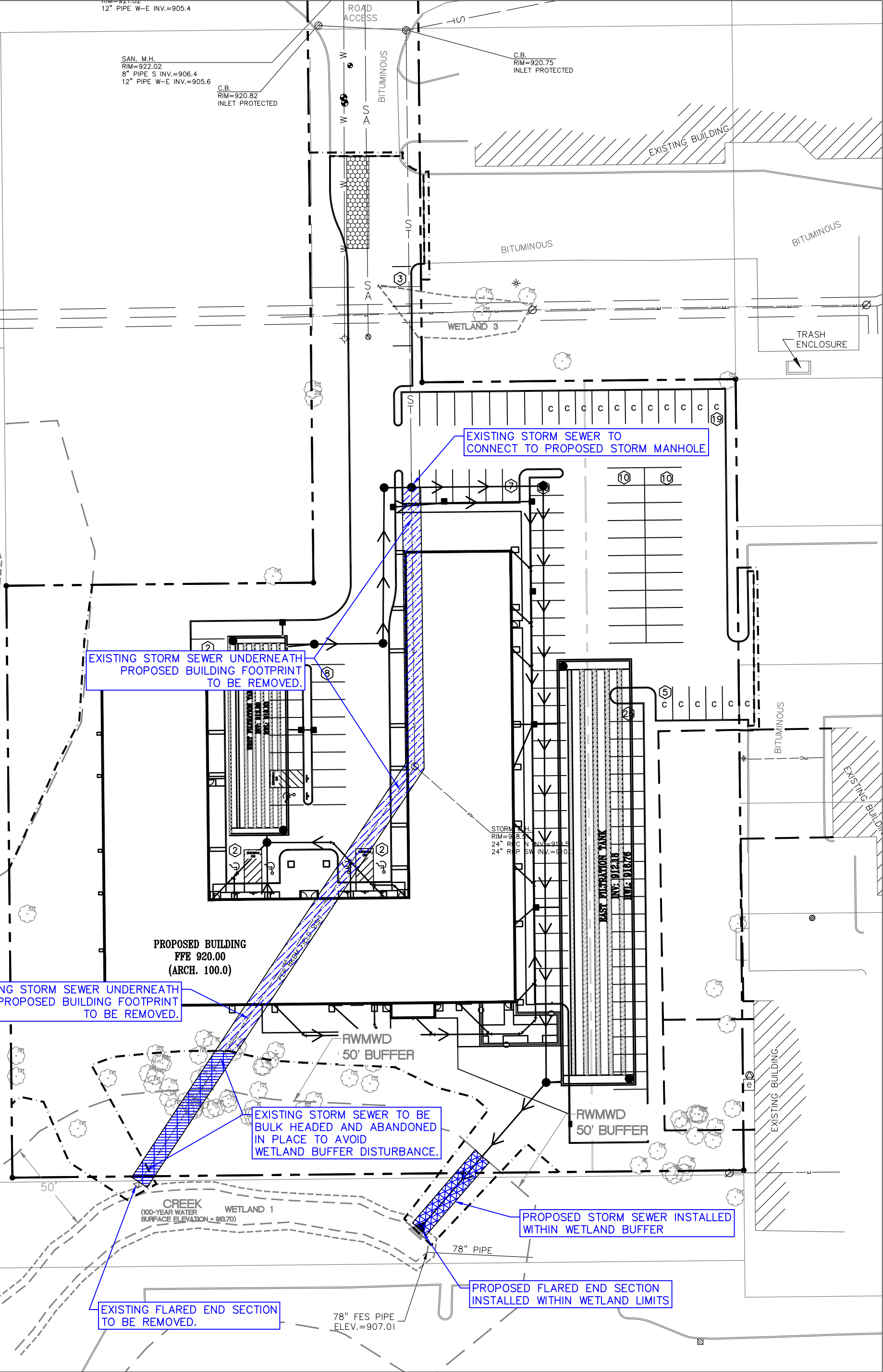
It should be noted that the design team and developer have been in discussion with the City of Maplewood and Ramsey County to develop storm sewer route that limits the overall wetland disturbance and will minimize the impact to trees within the wetland buffer areas.

Because of the need to reroute the storm sewer pipe to maintain drainage for the County Road C stormwater runoff, the developer is requesting a variance to Rule E of the Ramsey-Washington Metro Watershed District's rules. If the variance is granted, the developer, contractor, and design team will work with the RWMWD to expedite the proposed utility work and quickly stabilize the buffer areas that are disturbed.

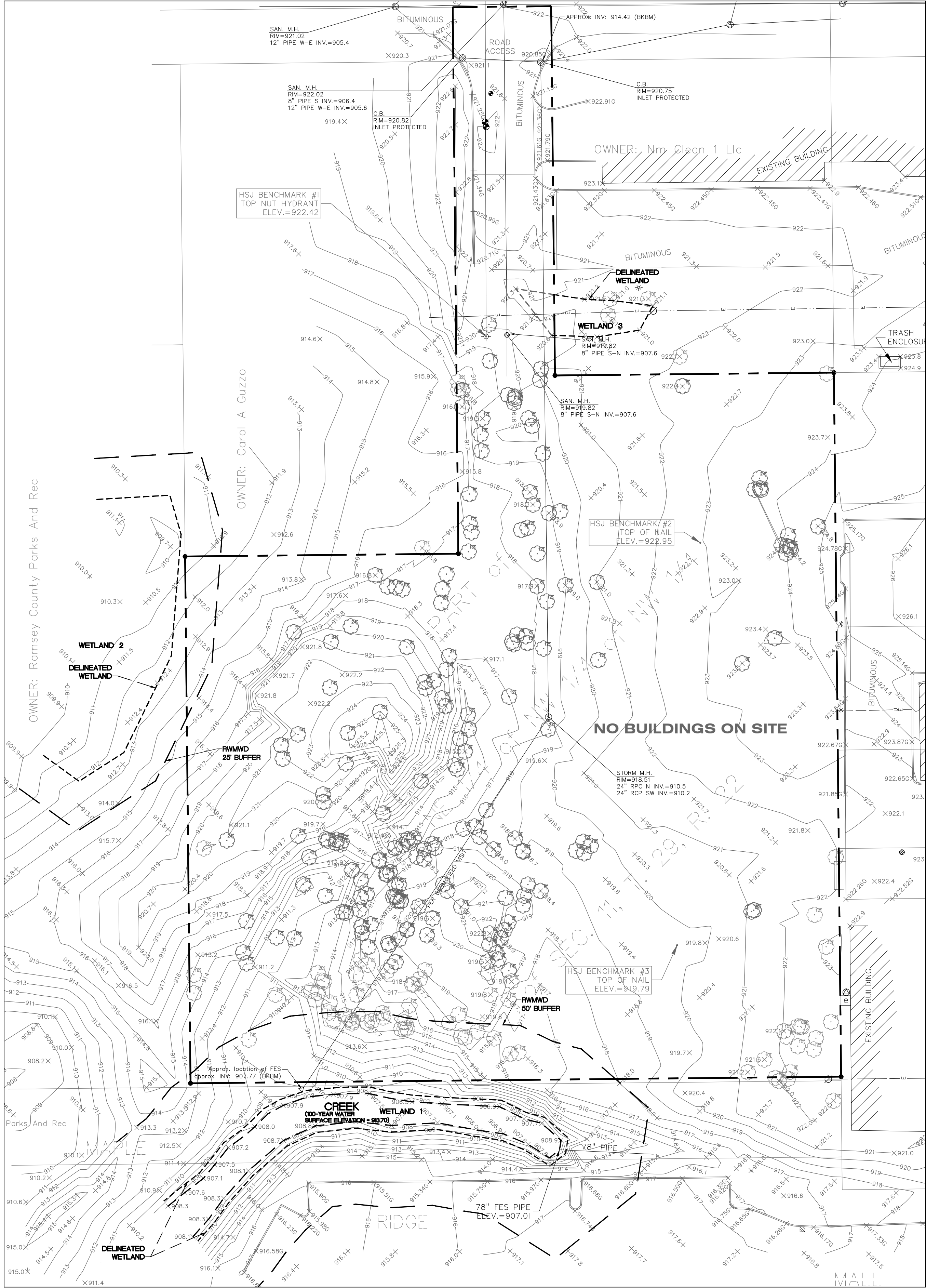
Sincerely,

BKBM Engineers

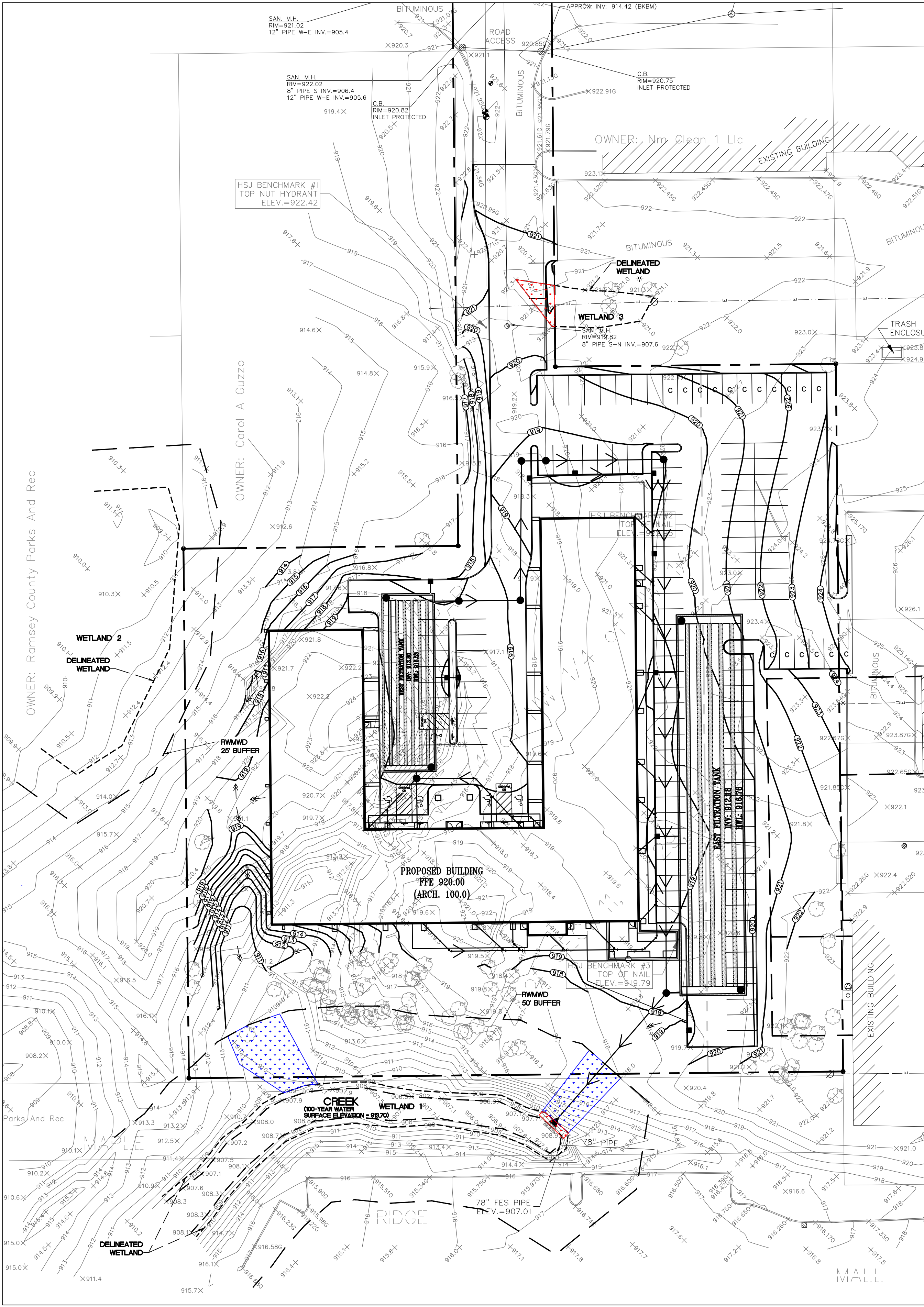
Kevin A. Bohl, P.E.
Associate Principal
763-843-0427



STORM SEWER EXHIBIT

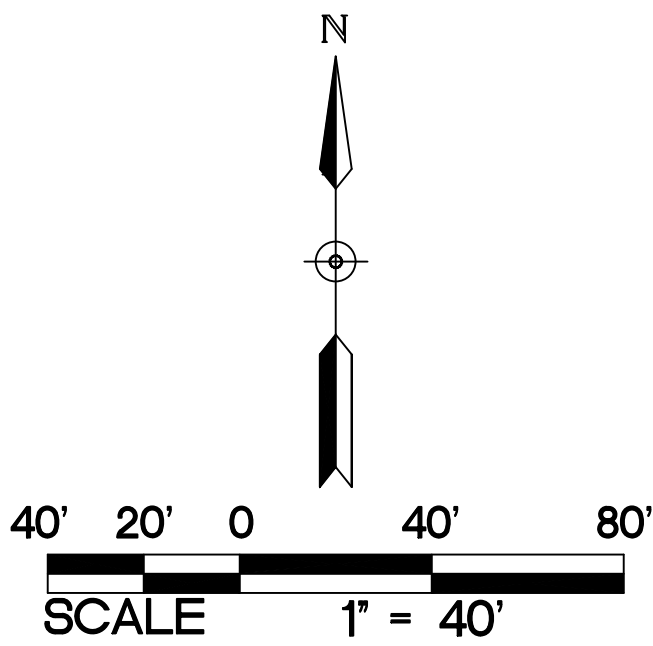


1 EX. A
EXISTING CONDITIONS
1" = 40'



2 EX. A
PROPOSED CONDITIONS
1" = 40'

PROPOSED PLAN SYMBOLS	
CREEK EDGE	---
WETLAND EDGE	---
WETLAND SETBACK	---
PROPERTY LINE	---
REMOVED WETLAND	[Pattern]
DISTURBED AND REPLACED WETLAND BUFFER	[Pattern]



RAMSEY WASHINGTON METRO WATERSHED DISTRICT WETLAND CLASSIFICATIONS	
WETLAND #1:	MANAGEMENT TYPE -- MANAGE B
RWMWD BUFFER REQUIREMENTS --	
	- AVERAGE BUFFER WIDTH = 50 FEET
	- MINIMUM BUFFER WIDTH = 25 FEET
WETLAND #2:	MANAGEMENT TYPE -- MANAGE C
RWMWD BUFFER REQUIREMENTS --	
	- AVERAGE BUFFER WIDTH = 25 FEET
	- MINIMUM BUFFER WIDTH = 12.5 FEET
WETLAND #3:	MANAGEMENT TYPE -- MANAGE C
RWMWD BUFFER REQUIREMENTS --	
	- AVERAGE BUFFER WIDTH = 25 FEET
	- MINIMUM BUFFER WIDTH = 12.5 FEET

WETLAND DISTURBANCE:	
TOTAL MANAGE B WETLAND DISTURBANCE = 82 SQ. FT.	
TOTAL MANAGE C WETLAND DISTURBANCE = 316 SQ. FT.	
TOTAL MANAGE B BUFFER DISTURBANCE = 2,509 SQ. FT.	

WETLAND/CREEK BUFFERS:	
WETLAND 1 -- 50' BUFFER MAINTAINED.	
WETLAND 2 -- 25' BUFFER MAINTAINED	
WETLAND 3 -- LOSS OF WEST BUFFER (NOT MAINTAINED)	

ARCHITECT:

DORAN
ARCHITECTURE
7803 Glenroy Road, Suite 200
Bloomington, MN 55439
652-288-2000
652-288-2031 fax

REGISTRATION

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

Date: XX/XX/22 REG # 52209

ISSUE RECORD

No.	Description	Date
	CITY / WATERSHED REVIEW SET	11/23/2022

PROJECT
**CARETTA
ASSISTED LIVING
& MEMORY CARE**

LOCATION
MAPLEWOOD, MN

PROJECT NUMBER
21435.50

DATE
12/21/22

PROJECT MANAGER

DRAWN BY

WH

CHECKED BY

NPA

PREPARED FOR

DORAN
PROPERTIES
GROUP
7803 Glenroy Road, Suite 200
Bloomington, MN 55439
652-288-2000
652-288-2031 fax

SHEET TITLE

**WETLAND
DELINEATION**

SHEET NUMBER

EX. A

PLOT DATE:

General Notes:

01. Refer to Sheet L2.1 for Landscape Plan and Sheet L3.1 for Landscape Notes & Requirements.
02. See Civil Engineer's plans for site plan layout and dimensions.
03. Contractor to coordinate all work in the city right-of-way with the City of Maplewood Public Works Departments.
04. Protect new improvements from damage during landscape construction.
05. Place a minimum of 6" topsoil or slope dressing on all turf areas disturbed by construction, including right-of-way boulevards, and 12" of topsoil in planting areas, unless specified otherwise.
06. Irrigation: The landscape contractor is required to provide irrigation layout and product submittals for a new irrigation system. See Note 17, Sheet L3.1.
07. New trees to be staked as noted on Detail 2, Sheet L3.1.

Landscape Material Legend:

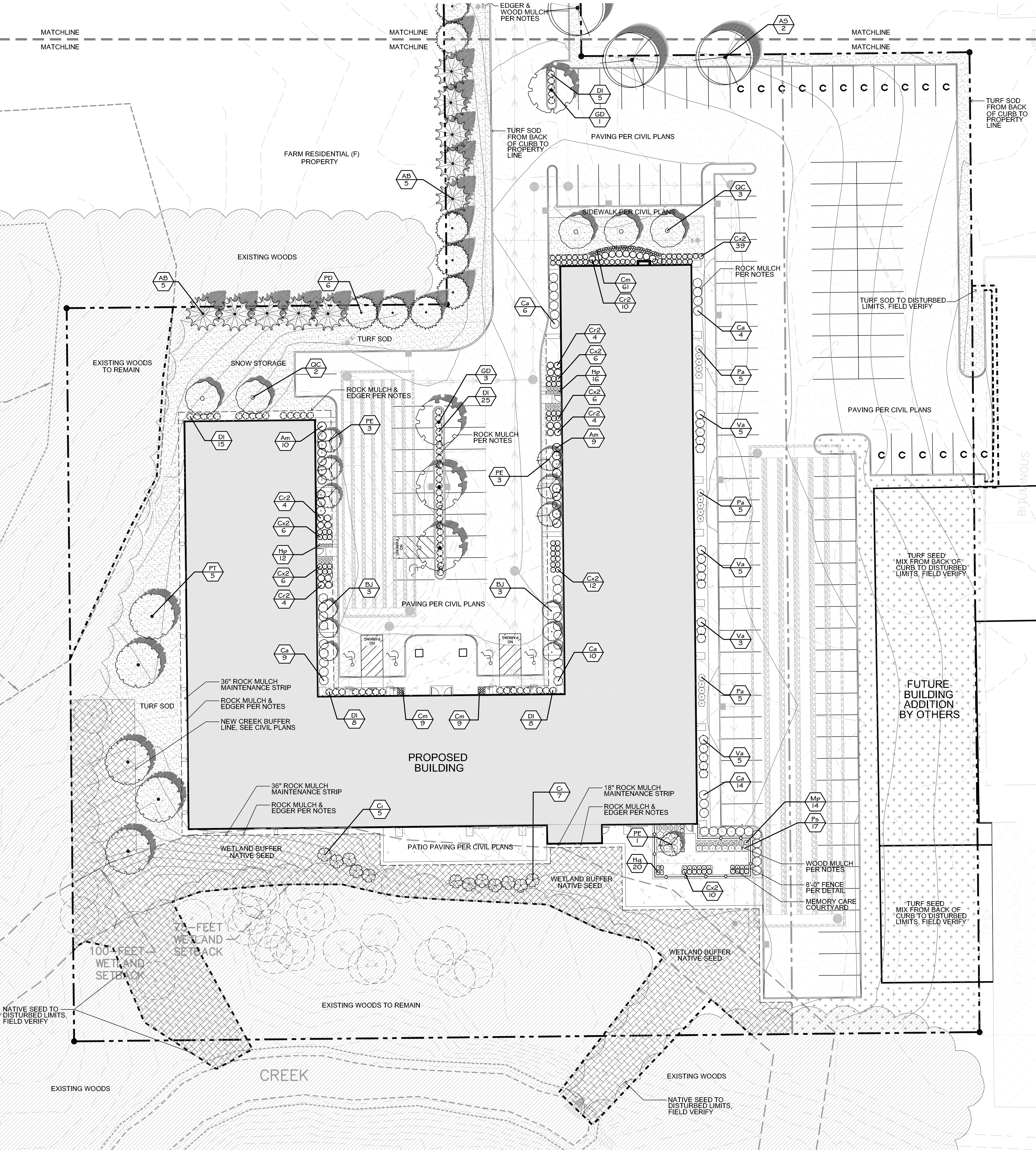
- Proposed Turf Sod
Proposed Landscape Edging
Proposed Native Seed Per Schedule on L3.1
Proposed Turf Seed Mix Per Schedule on L3.1

Municipal Landscape Requirements:

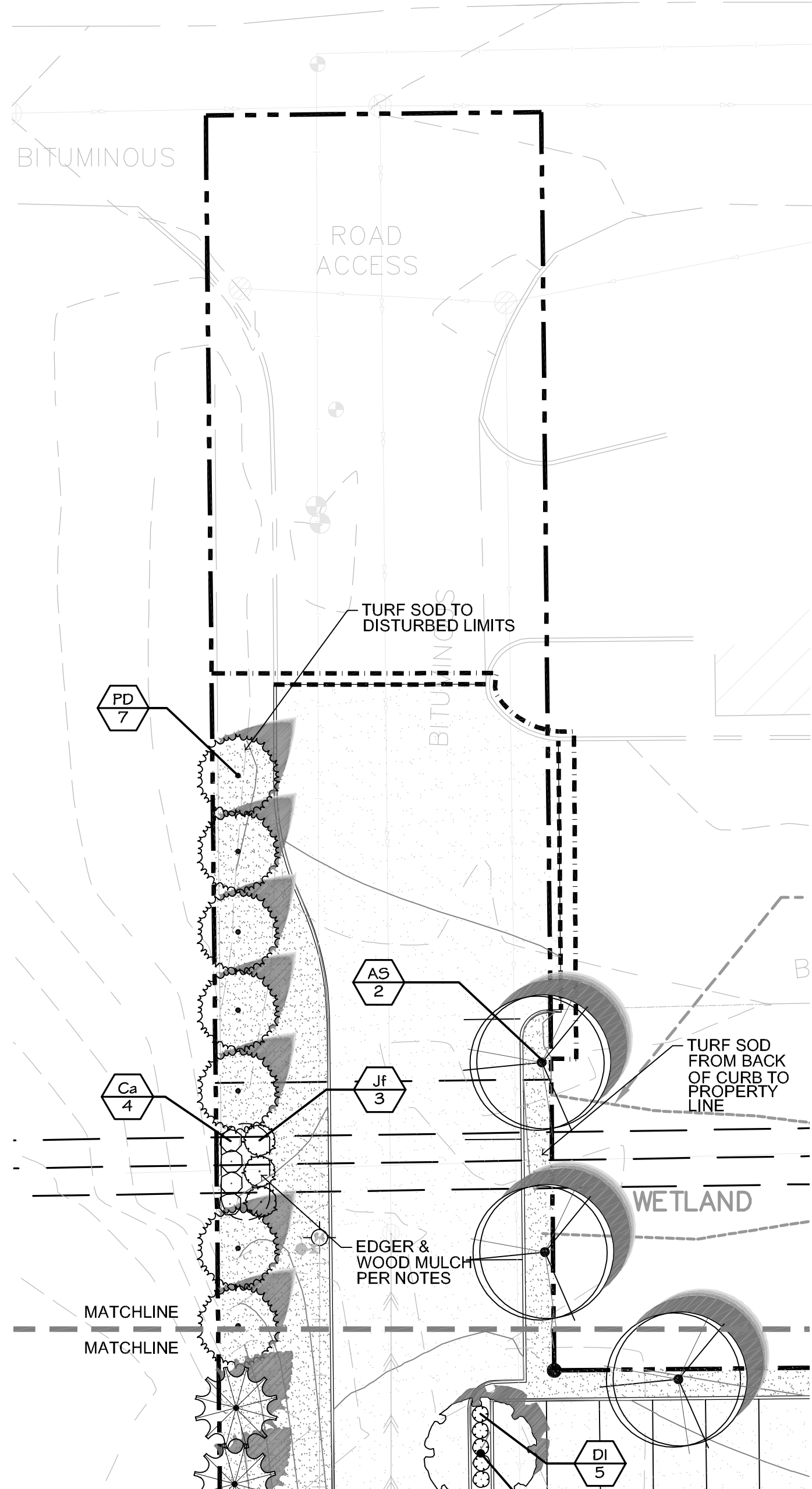
- Buffering/Screening Requirements: Buffering/Screening is required between adjacent residential property. The buffer requirement can be satisfied by use of screen fence, planting screen, berm, or combination thereof.
Tree Diversity: No more than 30% of the same tree
Deciduous Tree Size: 2" caliper minimum
Coniferous Tree Size: 6" height minimum
Coniferous Height to Caliper Inch Conversion:
6" = 2" caliper
8" = 3" caliper
10" = 4" caliper
12" = 5" caliper

PLANT SCHEDULE

CONIFERS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
OVERSTORY TREE	AB	Abies balsamea	Balsam Fir	6' Hgt.	B&B	10	
	PD	Picea glauca 'Densata'	Black Hills Spruce	8' Ht.	B&B	13	
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	AS	Acer x freemanii 'Sienna'	Sienna Glen Maple	4" Cal.	B&B	4	
	BJ	Betula platyphylla 'Jelppark'	Parkland Pillar Birch	3" Cal.	B&B	6	
	GD	Gleditsia triacanthos inermis 'Draves' TM	Street Keeper Honey Locust	4" Cal.	B&B	4	
	PE	Populus tremula 'Erecta'	Columnar Swedish Aspen	3" Cal.	B&B	7	
	PT	Populus tremuloides	Quaking Aspen	4" Cal.	B&B	5	
	QC	Quercus	Crimson Spire Oak	3" Cal.	B&B	5	
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
SHRUBS	Am	Aronia melanocarpa 'Morton' TM	Iroquis Beauty Black Chokeberry	3 gal.	Pot	19	Adapted Native, Drought Tolerant
	Cr2	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	3 gal.	Pot	26	Adapted Native
	Ca	Cornus alba 'Regnzam'	Red Gnome Dogwood	3 gal.	Pot	47	Adapted Native
	Ci	Cornus sericea 'Isanti'	Isanti Redosier Dogwood	3 gal.	Pot	12	Adapted Native
	DI	Diervilla lonicera	Dwarf Bush Honeysuckle	3 gal.	Pot	61	Native
	Jf	Juniperus chinensis 'Sea Green'	Sea Green Juniper	3 gal.	Pot	3	
	Ps	Philadelphus x 'Snowbelle'	Snowbelle Mock Orange	3 gal.	Pot	17	
	Pa	Potentilla fruticosa 'Absaraka'	Dakota Goldrush Potentilla	3 gal.	Pot	15	Drought Tolerant
	Va	Viburnum trilobum 'Compactum'	American Cranberrybush	3 gal.	Pot	18	Adapted Native, Drought Tolerant
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
ANNUALS/PERENNIALS	Cm	Convallaria majalis	Lily of the Valley	1 gal.	Pot	79	
	Hp	Heuchera micrantha 'Palace Purple'	Palace Purple Coral Bells	1 gal.	Pot	28	
	Hg	Hosta x 'Guacamole'	Guacamole Hosta	1 gal.	Pot	20	
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	Cx2	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	1 gal.	Pot	85	
	Mp	Miscanthus sinensis 'Purpurescens'	Flame Grass	1 gal.	Pot	14	
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS



LANDSCAPE PLAN - SOUTH:



LANDSCAPE PLAN - NORTH:

ARCHITECT:

DORAN
ARCHITECTURE
7801 Glenroy Road, Suite 200
Bloomington, MN 55439
952-288-2000
952-288-2031 fax

REGISTRATION

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 Landscape Architect for the State of Minnesota.

PRELIMINARY

BENJAMIN HARTBERG, P.L.A.

Date: XXXXXXXX REG: 4-4894

ISSUE RECORD

No. Description Date

LANDSCAPE ARCHITECT:

CALYX
DESIGN GROUP
Landscape Architecture | Planning
475 Cleveland Avenue N., Suite 101A
St. Paul, MN 55104
Telephone: 651.758.9018
Internet: www.calyxdesigngroup.com

PROJECT
CARETTA
ASSISTED LIVING
& MEMORY CARE

LOCATION
MAPLEWOOD, MN

PROJECT NUMBER

DATE

11/23/22

PROJECT MANAGER

DRAWN BY

HL

CHECKED BY

BH

PREPARED FOR

DORAN
PROPERTIES
GROUP

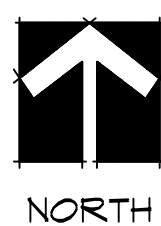
7801 Glenroy Road, Suite 200
Bloomington, MN 55439
952-288-2000
952-288-2031 fax

SHEET TITLE

LANDSCAPE
PLAN

SHEET NUMBER

L2.1



Minnesota Wetland Conservation Act Notice of Decision

Local Government Unit: Ramsey-Washington Metro Watershed District	County: Ramsey
Applicant Name: Lucas Larson (Galahad Development) Applicant Representative: Scott Thelen (Pinnacle Engineering, Inc.)	
Project Name: Galahad Development	LGU Project No. (if any): 21-17 WCA
Date Complete Application Received by LGU: 10/14/2021	
Date of LGU Decision: 11/10/2021	
Date this Notice was Sent: 11/18/2021	

WCA Decision Type - check all that apply

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

Replacement Plan Impacts (replacement plan decisions only)

Total WCA Wetland Impact Area:
Wetland Replacement Type: <input type="checkbox"/> Project Specific Credits: <input type="checkbox"/> Bank Credits:
Bank Account Number(s):

Technical Evaluation Panel Findings and Recommendations (attach if any)

<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input type="checkbox"/> No TEP Recommendation
--

LGU Decision

<input type="checkbox"/> Approved with Conditions (specify below) ¹ List Conditions:	<input checked="" type="checkbox"/> Approved ¹	<input type="checkbox"/> Denied
Decision-Maker for this Application: <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:		
Decision is valid for: <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):		

¹ *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision¹.

<input type="checkbox"/> Attachment(s) (specify):
<input checked="" type="checkbox"/> Summary: Nicole Soderholm (RWMWD- LGU) completed a field review with Scott Thelen and Ben Meyer (BWSR) on 11/9/21. No changes were requested to the delineation report.

¹ Findings must consider any TEP recommendations.

Attached Project Documents

☒ Site Location Map ☐ Project Plan(s)/Descriptions/Reports (specify):

Appeals of LGU Decisions

If you wish to appeal this decision, you must provide a written request within 30 calendar days of the date you received the notice. All appeals must be submitted to the Board of Water and Soil Resources Executive Director along with a check payable to BWSR for \$500 *unless* the LGU has adopted a local appeal process as identified below. The check must be sent by mail and the written request to appeal can be submitted by mail or e-mail. The appeal should include a copy of this notice, name and contact information of appellant(s) and their representatives (if applicable), a statement clarifying the intent to appeal and supporting information as to why the decision is in error. Send to:

Appeals & Regulatory Compliance Coordinator
Minnesota Board of Water & Soils Resources
520 Lafayette Road North
St. Paul, MN 55155
travis.germundson@state.mn.us

Does the LGU have a local appeal process applicable to this decision?

☐ Yes¹ ☒ No

¹If yes, all appeals must first be considered via the local appeals process.

Local Appeals Submittal Requirements (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

Notice Distribution (include name)

Required on all notices:

<input checked="" type="checkbox"/> SWCD TEP Member: Emily Deering (Ramsey County)	<input checked="" type="checkbox"/> BWSR TEP Member: Ben Meyer
<input type="checkbox"/> LGU TEP Member (if different than LGU contact):	
<input checked="" type="checkbox"/> DNR Representative: Leslie Parris	
<input type="checkbox"/> Watershed District or Watershed Mgmt. Org.:	
<input checked="" type="checkbox"/> Applicant (notice only):	<input checked="" type="checkbox"/> Agent/Consultant (notice only):

Optional or As Applicable:

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

Signature:

Nicole Soderholm

Date:

11/18/2021

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

Minnesota Wetland Conservation Act Notice of Decision

Local Government Unit: Ramsey-Washington Metro Watershed District (RWMWD) County: Ramsey	
Applicant Name: Lucas Larson (Galahad Development) Applicant Representative: Scott Thelen (Pinnacle Engineering, Inc.)	
Project Name: Galahad Development Incidental Request	LGU Project No. (if any): 22-11 WCA
Date Complete Application Received by LGU: 8/26/2022	
Date of LGU Decision: 9/14/2022	
Date this Notice was Sent: 9/16/2022	

WCA Decision Type - check all that apply

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

Replacement Plan Impacts (replacement plan decisions only)

Total WCA Wetland Impact Area:
Wetland Replacement Type: <input type="checkbox"/> Project Specific Credits: <input type="checkbox"/> Bank Credits:
Bank Account Number(s):

Technical Evaluation Panel Findings and Recommendations (attach if any)

<input type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input checked="" type="checkbox"/> No TEP Recommendation
--

LGU Decision

<input type="checkbox"/> Approved with Conditions (specify below) ¹ List Conditions:	<input checked="" type="checkbox"/> Approved ¹ <input type="checkbox"/> Denied
Decision-Maker for this Application: <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:	
Decision is valid for: <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):	

¹ *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision¹.

<input type="checkbox"/> Attachment(s) (specify): <input checked="" type="checkbox"/> Summary: The information submitted for Wetland 3 is consistent with a finding of incidental and is therefore not regulated by WCA.
--

¹ Findings must consider any TEP recommendations.

Attached Project Documents

☒ Site Location Map ☐ Project Plan(s)/Descriptions/Reports (specify):

Appeals of LGU Decisions

If you wish to appeal this decision, you must provide a written request within 30 calendar days of the date you received the notice. All appeals must be submitted to the Board of Water and Soil Resources Executive Director along with a check payable to BWSR for \$500 *unless* the LGU has adopted a local appeal process as identified below. The check must be sent by mail and the written request to appeal can be submitted by mail or e-mail. The appeal should include a copy of this notice, name and contact information of appellant(s) and their representatives (if applicable), a statement clarifying the intent to appeal and supporting information as to why the decision is in error. Send to:

Appeals & Regulatory Compliance Coordinator
Minnesota Board of Water & Soils Resources
520 Lafayette Road North
St. Paul, MN 55155
travis.germundson@state.mn.us

Does the LGU have a local appeal process applicable to this decision?

☐ Yes¹ ☒ No

¹If yes, all appeals must first be considered via the local appeals process.

Local Appeals Submittal Requirements (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

Notice Distribution (include name)

Required on all notices:

<input checked="" type="checkbox"/> SWCD TEP Member: Mike Goodnature (Ramsey County)	<input checked="" type="checkbox"/> BWSR TEP Member: Ben Meyer
<input type="checkbox"/> LGU TEP Member (if different than LGU contact):	
<input checked="" type="checkbox"/> DNR Representative: Jim Levitt	
<input type="checkbox"/> Watershed District or Watershed Mgmt. Org.:	
<input checked="" type="checkbox"/> Applicant (notice only):	<input type="checkbox"/> Agent/Consultant (notice only):

Optional or As Applicable:

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

Signature: <i>Nicole Soderholm</i>	Date: 9/16/2022
--	---------------------------

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

Minnesota Wetland Conservation Act Notice of Decision

Local Government Unit: Ramsey-Washington Metro Watershed District (RWMWD) County: Ramsey	
Applicant Name: Lucas Larson (Galahad Development) Applicant Representative: Scott Thelen (Pinnacle Engineering, Inc.)	
Project Name: Caretta Assisted Living De Minimis	LGU Project No. (if any): 23-01 WCA
Date Complete Application Received by LGU: 1/10/2022	
Date of LGU Decision: 1/23/2023	
Date this Notice was Sent: 1/23/2023	

WCA Decision Type - check all that apply

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

Replacement Plan Impacts (replacement plan decisions only)

Total WCA Wetland Impact Area:
Wetland Replacement Type: <input type="checkbox"/> Project Specific Credits: <input type="checkbox"/> Bank Credits:
Bank Account Number(s):

Technical Evaluation Panel Findings and Recommendations (attach if any)

<input type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input checked="" type="checkbox"/> No TEP Recommendation
--

LGU Decision

<input type="checkbox"/> Approved with Conditions (specify below) ¹ List Conditions:	<input checked="" type="checkbox"/> Approved ¹	<input type="checkbox"/> Denied
Decision-Maker for this Application: <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:		
Decision is valid for: <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):		

¹ *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision¹.

<input type="checkbox"/> Attachment(s) (specify): <input checked="" type="checkbox"/> Summary: An upcoming development on the site is expected to permanently impact 82 square ft of a Type 1 fringe within a ditch/stream floodplain. The impact is due to placement of a stormwater flared end section. Temporary impacts proposed total 100 sq ft, and this area will be restored post-construction.

¹ *Findings must consider any TEP recommendations.*

Attached Project Documents

☐ Site Location Map ☒ Project Plan(s)/Descriptions/Reports (specify): **Application**

Appeals of LGU Decisions

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Minnesota Board of Water & Soils Resources
520 Lafayette Road North
St. Paul, MN 55155
travis.germundson@state.mn.us

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☐ Yes¹ ☒ No

¹If yes, all appeals must first be considered via the local appeals process.

Local Appeals Submittal Requirements (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

Notice Distribution (include name)

Required on all notices:

<input checked="" type="checkbox"/> SWCD TEP Member: Mike Goodnature (Ramsey County)	<input checked="" type="checkbox"/> BWSR TEP Member: Ben Meyer
<input type="checkbox"/> LGU TEP Member (if different than LGU contact):	
<input checked="" type="checkbox"/> DNR Representative: Jim Levitt	
<input type="checkbox"/> Watershed District or Watershed Mgmt. Org.:	
<input checked="" type="checkbox"/> Applicant (notice only): <input checked="" type="checkbox"/> Agent/Consultant (notice only): Kevin Bohl/Sam Dollerschell (BKBM)	

Optional or As Applicable:

<input checked="" type="checkbox"/> Corps of Engineers:	
<input type="checkbox"/> BWSR Wetland Mitigation Coordinator (required for bank plan applications only):	
<input type="checkbox"/> Members of the Public (notice only):	<input checked="" type="checkbox"/> Other: Mary Fitzgerald (RWMWD), John Ferrier (Doran Companies),

Signature: 	Date: 1/23/2023
--	---------------------------

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

Permit Application Coversheet

Date February 01, 2023

Project Name Ramsey Co Hodgson Rd Reconstruction

Project Number 23-03

Applicant Name Josephine Lundquist, Ramsey County

Type of Development Linear

Property Description

This project is located along Hodgson Road from approximately Rice Street to Highway 96 in the City of Shoreview. The applicant is proposing to reconstruct Hodgson Road with addition of curb and gutter, a trail on the west side of the street, and a sidewalk on the east side. The total site area is 26 acres. Three above-ground infiltration basins and one underground infiltration system are proposed to meet stormwater treatment requirements. Pretreatment will include sumped inlets. A portion of the site is located within the 100-year floodplain. The applicant has demonstrated an increase in flood storage availability on the landscape in the proposed final condition. One wetland was delineated on the north end of the corridor. A variance request is enclosed for temporary disturbance in the upland buffer to accommodate construction of a stormwater pipe. Disturbed buffer areas will be restored with a native seed mix, and RWMWD buffer requirements are met in the proposed final condition.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

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

Water Quality Considerations

Short Term

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

Long Term

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

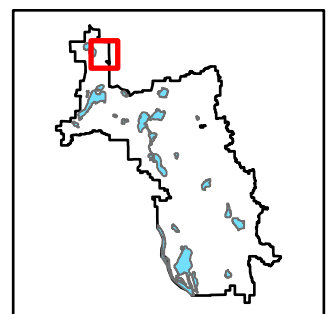
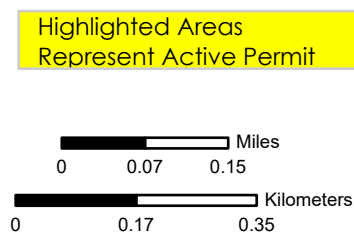
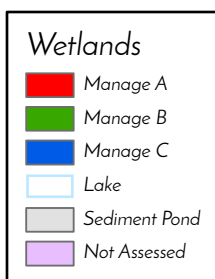
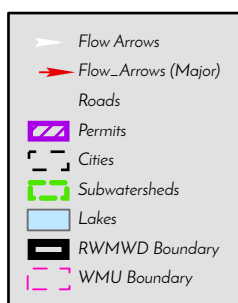
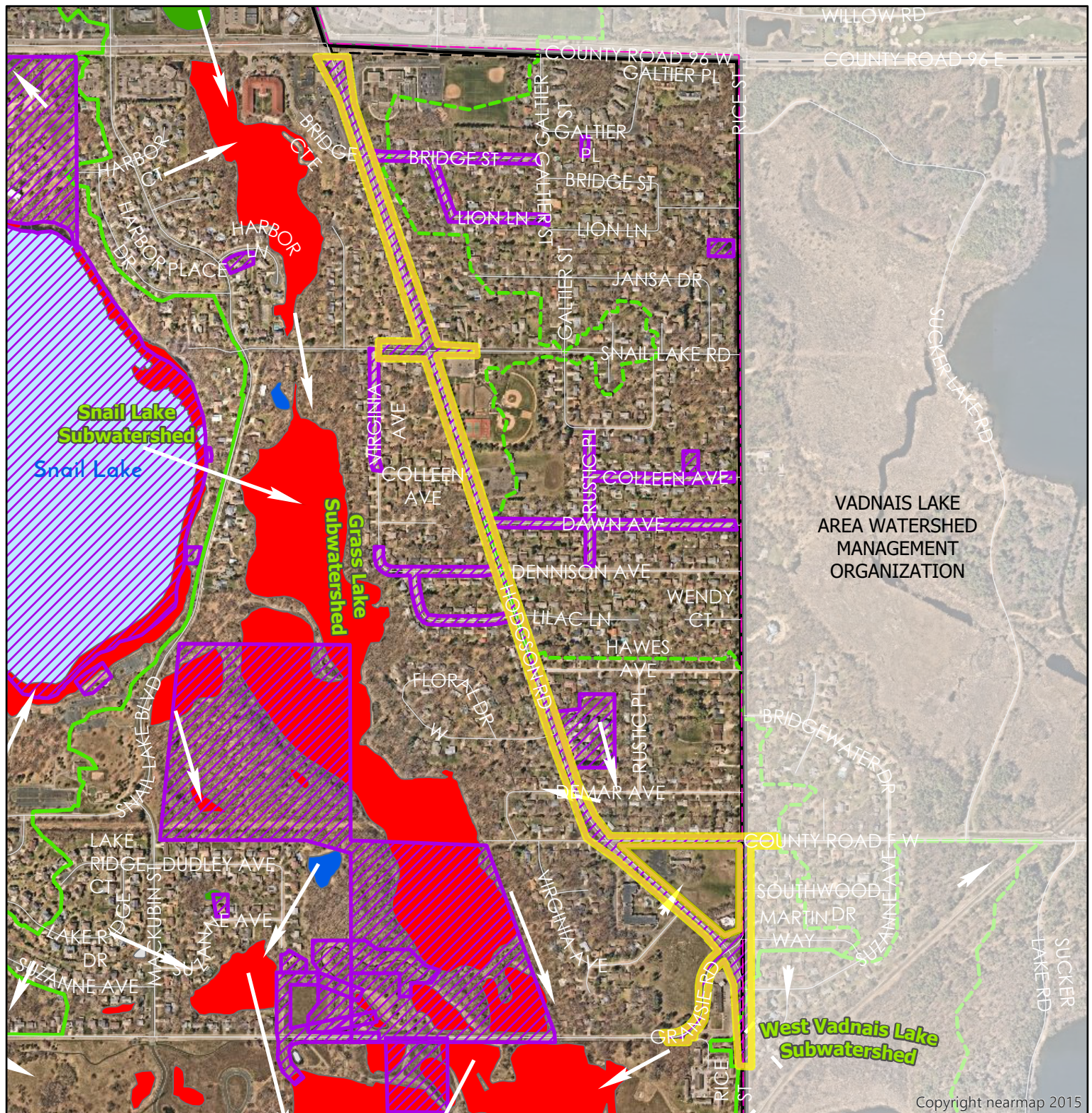
Staff Recommendation

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

Attachments:

- ☒ Project Location Map
- ☐ Project Grading Plan

#23-03 Ramsey Co Hodgson Rd Reconstruction



23-03

Special Provisions

1. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the SWPPP.



Memorandum

SRF No. 15091

To: Nicole Soderholm, Permit Coordinator
Ramsey Washington Metro Watershed District

From: Bob Leba, Project Director

Date: January 17, 2023

Subject: Wetland Buffer Variance Request - Hodgson Road Reconstruction Project

The purpose of this memo is to request a variance from the Ramsey Washington Metro Watershed District from the wetland buffer requirements of Rule E. Rule E, part (d) describes that an average buffer width of 75 feet and minimum buffer width of 37.5 feet are required for a Manage A wetland.

The purpose of the project is to reconstruct Hodgson Road from Highway 96 to Gramise Rd/Rice St. Construction includes grading, concrete and bituminous paving, curb and gutter, storm sewer, watermain, and sanitary sewer construction. Generally, the proposed cross section will include a three-lane section (two thru lanes and a shared center left turn lane) with a trail on the west side and a walk on the east side.

A variance is requested because the construction of a storm sewer pipe from the proposed water quality pond (Pond A) to the existing wetland at Bridge Court will disturb the buffer area around the wetland. Pond A needs to provide an outlet in order to drain treated stormwater to the natural receiving water.

The disturbance of the buffer area will be temporary. A trench will be excavated between Pond A and the wetland in which a concrete pipe will be installed. Redundant perimeter controls will be placed to protect the wetland. Native seed mix will be used to establish turf and erosion control blanket will be placed on the disturbed areas to minimize erosion. The erosion control and turf establishment plan can be found on page 272 of the construction plans.

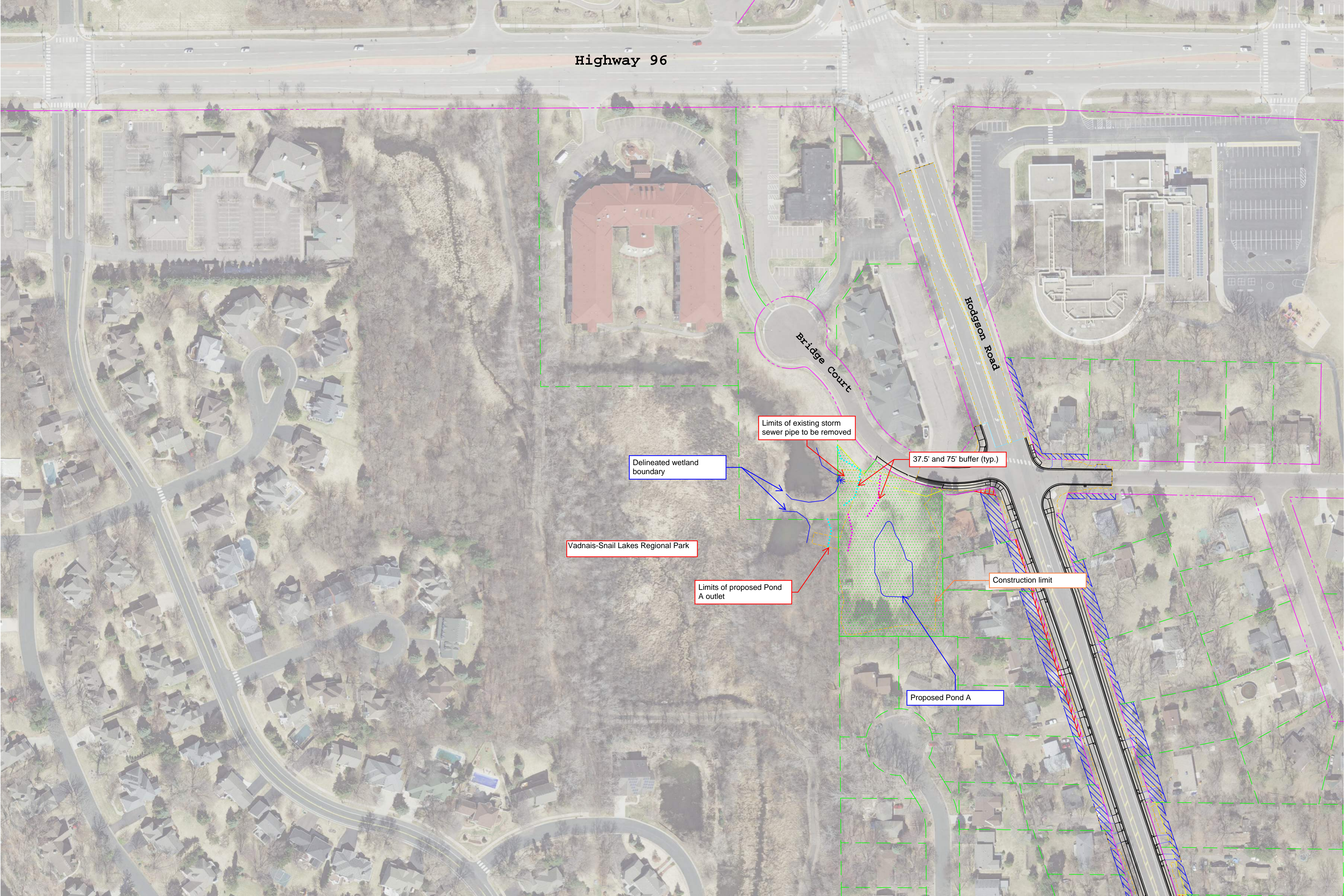
Attached is a graphic showing Pond A, the existing wetland, and the required buffer distances. The pond and proposed roadway and trail construction are outside the minimum and average buffer widths. Only temporary impacts will occur within the buffer. The construction of the stormwater pond and outlet are required to meet Rule C (Stormwater Management). It is not feasible to avoid the temporary impacts within the buffer area because a pond and outlet pipe are required to provide stormwater treatment for the project.

K:\Drainage\Projects\15091\Watershed Permit\Resubmittal_2_01172023

Hodgson Road Reconstruction Project
Wetland Buffers

1/17/2023

1"=100'



KOLTEN ESPINOSA 1/17/2023 3:33:57 PM
C:\Users\KESPINOSA\OneDrive\Working\Autodesk\3D 2020\enu\
C:\Users\KESPINOSA\OneDrive\Working\Autodesk\3D 2020\enu\

NO	DATE	BY	CHKD	APPR

C:\SRF-PW\0111728\15091_EC01.DWG: EC-07

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.
Print Name: STEVEN B. PRUSAK
Steven B. Prusak
Date 1/10/2023 License # 47622

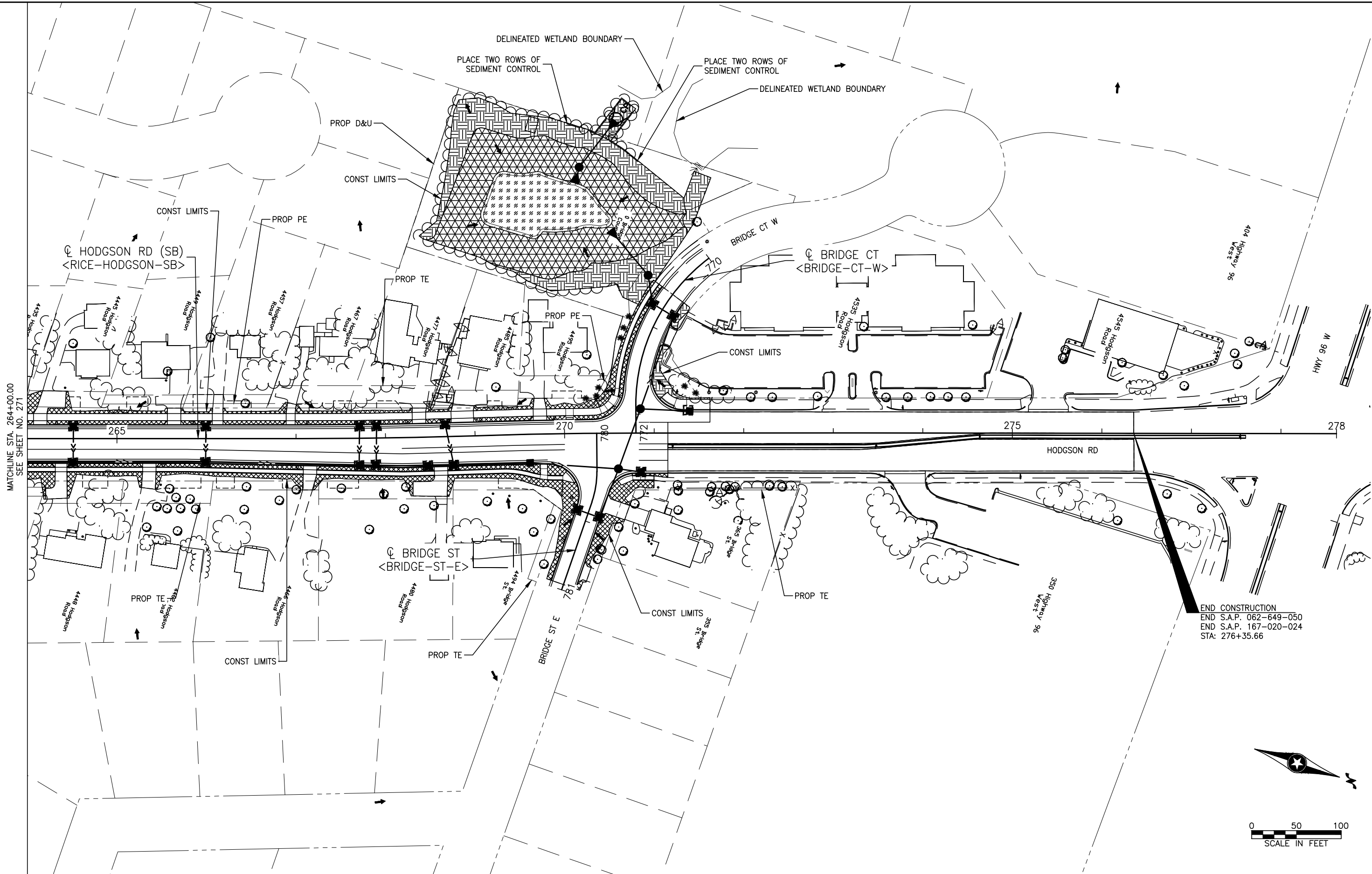
STATE AID PROJECT NO.
062-649-050
STATE PROJECT NO.
COUNTY PROJECT NO.
CITY PROJECT NO.

DRAWN BY
RBJ
DESIGNED BY
KJE
CHECKED BY
EKF
COMM. NO. 15091



RAMSEY COUNTY
EROSION CONTROL AND TURF ESTABLISHMENT PLANS
HODGSON ROAD (CSAH 49) RECONSTRUCTION
SHOREVIEW & VADNAIS HEIGHTS, MN

SHEET
272
OF
441



END CONSTRUCTION
END S.A.P. 062-649-050
END S.A.P. 167-020-024
STA: 276+35.66

Minnesota Wetland Conservation Act Notice of Decision

Local Government Unit: Ramsey-Washington Metro Watershed District (RWMWD)	County: Ramsey
Applicant Name: Josephine Lundquist (Ramsey County) Applicant Representative: Alan Rupnow (Ramsey County)	
Project Name: Hodgson Rd	LGU Project No. (if any): 22-18 WCA
Date Complete Application Received by LGU: 10/18/2022	
Date of LGU Decision: 11/15/2022	
Date this Notice was Sent: 11/16/2022	

WCA Decision Type - check all that apply

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

Replacement Plan Impacts (replacement plan decisions only)

Total WCA Wetland Impact Area:
Wetland Replacement Type: <input type="checkbox"/> Project Specific Credits: <input type="checkbox"/> Bank Credits:
Bank Account Number(s):

Technical Evaluation Panel Findings and Recommendations (attach if any)

<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input checked="" type="checkbox"/> No TEP Recommendation
Nicole Soderholm (RWMWD- LGU), Mary Fitzgerald (RWMWD), and Ben Meyer (BWSR) met with Al Rupnow onsite for a field review on 11/2/22. No changes were requested to the delineation report based on field observations.

LGU Decision

<input type="checkbox"/> Approved with Conditions (specify below) ¹ List Conditions:	<input checked="" type="checkbox"/> Approved ¹	<input type="checkbox"/> Denied
Decision-Maker for this Application: <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:		
Decision is valid for: <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):		

¹ *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision¹.

- ☐ Attachment(s) (specify):
☒ Summary: **Field observations were consistent with the delineation report submitted.**

¹ Findings must consider any TEP recommendations.

Attached Project Documents

- ☒ Site Location Map ☐ Project Plan(s)/Descriptions/Reports (specify):

Appeals of LGU Decisions

If you wish to appeal this decision, you must provide a written request within 30 calendar days of the date you received the notice. All appeals must be submitted to the Board of Water and Soil Resources Executive Director along with a check payable to BWSR for \$500 *unless* the LGU has adopted a local appeal process as identified below. The check must be sent by mail and the written request to appeal can be submitted by mail or e-mail. The appeal should include a copy of this notice, name and contact information of appellant(s) and their representatives (if applicable), a statement clarifying the intent to appeal and supporting information as to why the decision is in error. Send to:

Appeals & Regulatory Compliance Coordinator
Minnesota Board of Water & Soils Resources
520 Lafayette Road North
St. Paul, MN 55155
travis.germundson@state.mn.us

Does the LGU have a local appeal process applicable to this decision?

- ☐ Yes¹ ☒ No

¹If yes, all appeals must first be considered via the local appeals process.

Local Appeals Submittal Requirements (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

Notice Distribution (include name)

Required on all notices:

- | | |
|---|---|
| <input checked="" type="checkbox"/> SWCD TEP Member: Mike Goodnature (Ramsey County) | <input checked="" type="checkbox"/> BWSR TEP Member: Ben Meyer |
| <input type="checkbox"/> LGU TEP Member (if different than LGU contact): | |
| <input checked="" type="checkbox"/> DNR Representative: Jim Levitt | |
| <input type="checkbox"/> Watershed District or Watershed Mgmt. Org.: | |
| <input checked="" type="checkbox"/> Applicant (notice only): | <input type="checkbox"/> Agent/Consultant (notice only): |

Optional or As Applicable:

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

Signature:

Nicole Soderholm

Date:

11/16/2022

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

Permit Application Coversheet

Date February 01, 2023

Project Name Dunkin Donuts

Project Number 23-04

Applicant Name Stuart Tapper, NSP PP Properties, LLC

Type of Development Commercial/Retail

Property Description

This project is located on the northwest corner of 11th Avenue and McKnight Road North in the City of North St. Paul. The applicant is proposing a redevelopment to an existing building and adjacent parking to accommodate a Dunkin Donuts shop with drive-through lane. The proposed construction activity will include the drive-through addition and adjustment of parking lot islands and striping. The total site area is 0.45 acre and triggers a District permit due to floodplain encroachment on the site. The applicant has demonstrated no net fill in the floodplain to maintain existing flood storage on the landscape. The existing building does not meet District freeboard requirements, so an addition would require a variance request (enclosed). The proposed addition for the drive-through does not change or worsen existing freeboard for low openings, which is 1.04' above the 100-year floodplain.

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 checked="" type="checkbox"/> <i>Floodplain</i> |

Water Quantity Considerations

The proposed grading plan results in no net loss of flood storage on the landscape.

Water Quality Considerations

Short Term

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

Long Term

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

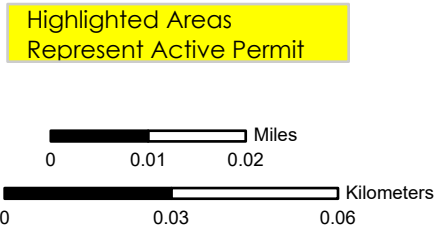
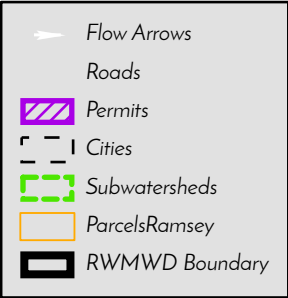
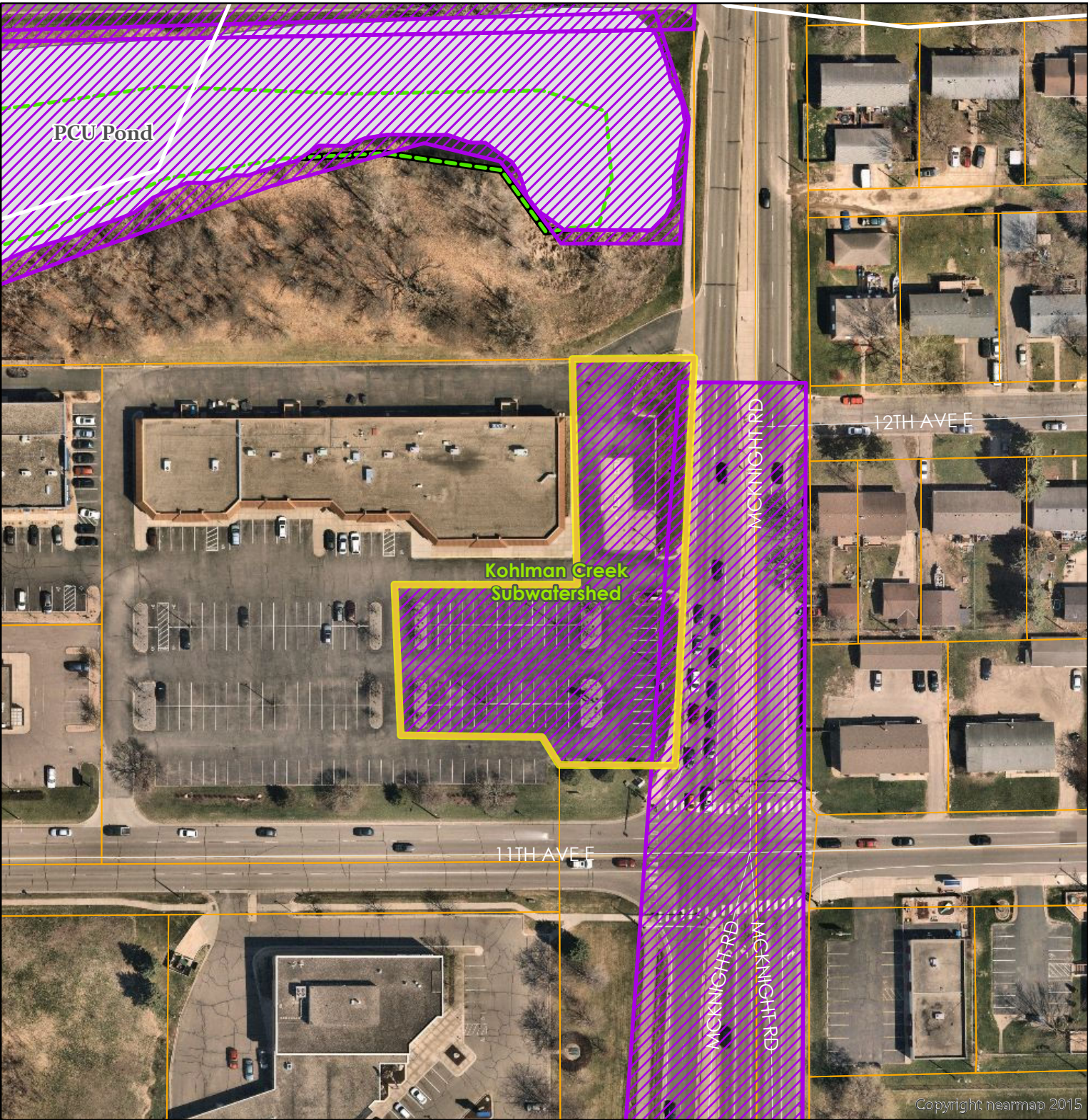
Staff Recommendation

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

Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan

#23-04 Dunkin Donuts



Special Provisions

1. The applicant shall submit the \$900 escrow fee.
2. The applicant shall add notes to the plans:
 - A. Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 prior to beginning construction activity for an initial erosion control walk-through.
 - B. The specified erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction.
3. The applicant shall include a construction detail for the proposed bioroll.
4. The applicant shall submit the final, signed plans set.
5. The applicant shall submit contact information for the erosion control coordinator responsible for implementing the erosion control plan.

MEMORANDUM

Date: January 20, 2023

Re: Dunkin Donuts, North St. Paul – Variance Request
File 0040116.00

To: Nicole Soderholm, Ramsey-Washington Metro Watershed District

From: Gretchen Schroeder, P.E.

The proposed redevelopment requests a variance to Ramsey-Washington Metro Watershed District's Rule D to allow an addition onto an existing building with a freeboard of 1 foot above the 100-year floodplain. While the proposed redevelopment intends to meet the requirements of the Ramsey-Washington Metro Watershed District (RWMWD) rules, the existing building does not provide 2-foot freeboard above the HWL.

PROJECT DESCRIPTION

The proposed Dunkin Donuts redevelopment site is located at the NW intersection of McKnight Road N and 11th Avenue at the existing Polar Plaza mall. The proposed redevelopment will include a small 4.8' building bump-out on the existing building, drive-through lane, and adjustment of the existing parking lot striping and islands. The proposed development will impact 0.45 acres (19,546 SF).

Per Ramsey-Washington Metro Watershed (RWMWD) modeling, the 100-year floodplain on the site is 937.86. RWMWD requires existing habitable buildings to have a minimum low opening of 2 feet above the 100-year flood elevation of waterbodies with piped outlets per Rule D Flood Control.

FREEBOARD VARIANCE REQUEST

The existing building's minimum low opening is 938.9. The proposed 48 sq. ft. addition to the existing building will maintain the existing finished floor which is 1.04' above the 100-yr floodplain. While the proposed redevelopment is not proposing any new openings, the low openings of the existing building do not meet the 2' freeboard requirement. The proposed redevelopment project aims to minimize site disturbance in the floodplain and to existing tenants by maintaining the existing building with a small building expansion. A variance is requested to allow for the continuation of the existing freeboard conditions on the site.

Permit Application Coversheet

Date February 01, 2023

Project Name MnDOT I-94 Maintenance & Safety Improvement Project Number 23-05

Applicant Name Bryce Fossand, MnDOT

Type of Development Linear

Property Description

This project is located along I-94 from approximately Century Avenue eastward out of RWMWD to TH 95. The applicant is proposing to complete pavement resurfacing, guardrail, noise wall, signals/lighting, and ADA improvements. The majority of the project is pavement rehabilitation and is not considered fully reconstructed. The total site area is 8.3 acres. Some minor grading and pipe replacement will trigger District Rule C for stormwater management. Three filtration ditch blocks are proposed to meet stormwater treatment requirements. Filtration is being proposed due to contaminated soils. The primary pipe work is proposed to take place at Battle Creek Lake. In addition to replacement and upsizing of the existing pipe (the outlet from Tanners Lake) a second parallel pipe is proposed which will be plugged following construction to allow for future conveyance and flood control possibilities. This effort has been a collaboration between MnDOT, the City of Oakdale, Gold Line, and RWMWD. The new pipes will remain restricted until such a time that RWMWD designs and approves a project(s) that would allow for utilization of this extra conveyance without adversely affecting properties downstream. The applicant has submitted rate control calculations for the proposed condition to demonstrate requirements are met until such a time that future work may take place. This pipe work will require activity in the floodplain and wetland buffer. The applicant has submitted a variance request for temporary buffer impacts and floodplain calculations to ensure no net loss of flood storage on the landscape. Disturbed buffer areas will be restored with a native seed mix. A DNR Public Waters permit will be required for work in Battle Creek Lake to install the pipe outfalls.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

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

Water Quality Considerations

Short Term

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

Long Term

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

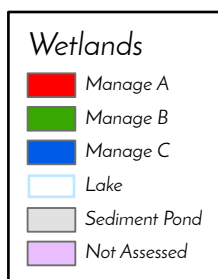
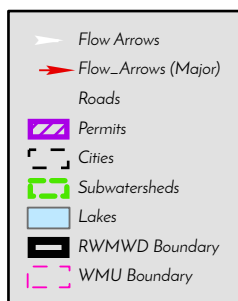
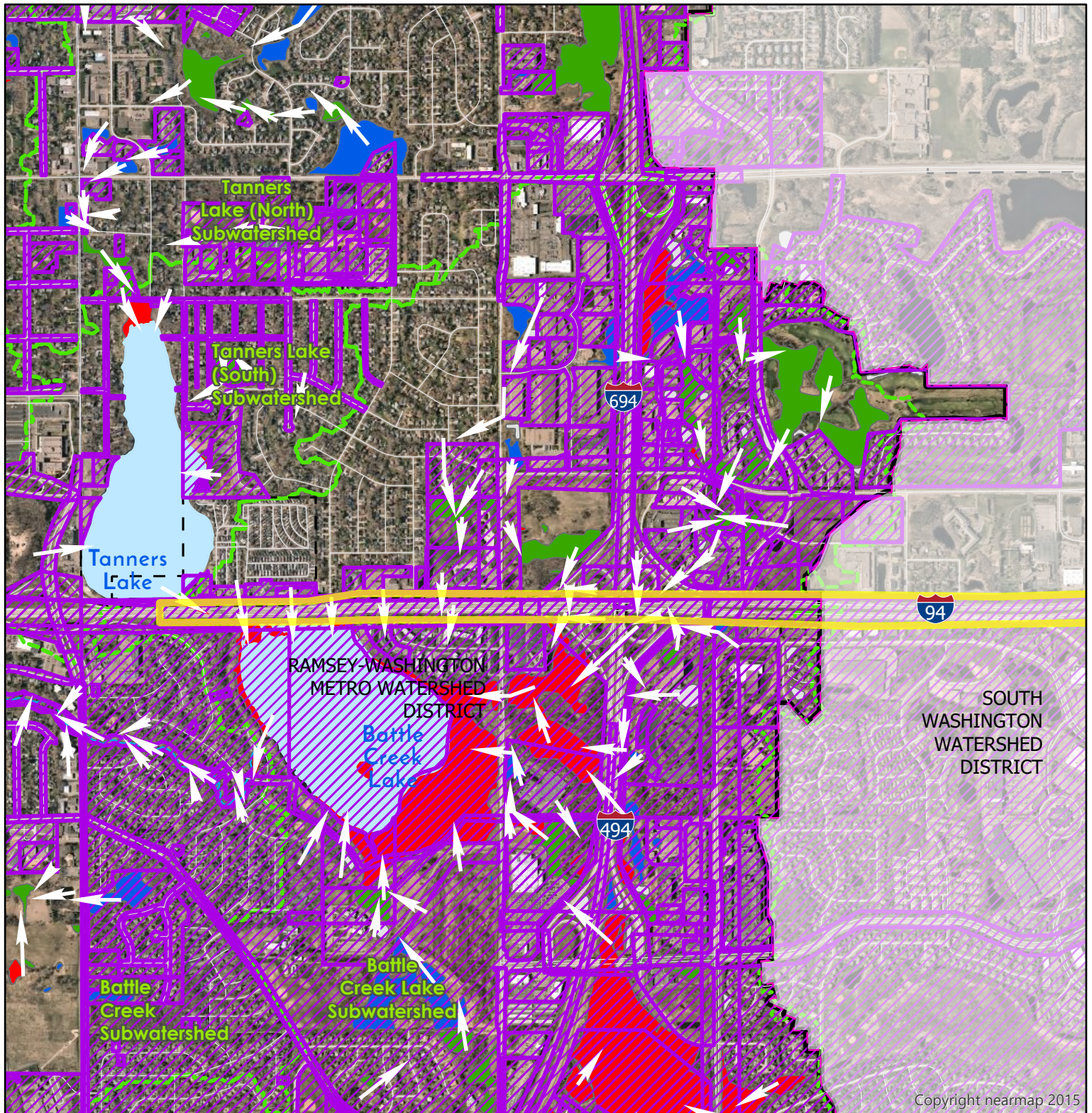
Staff Recommendation

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

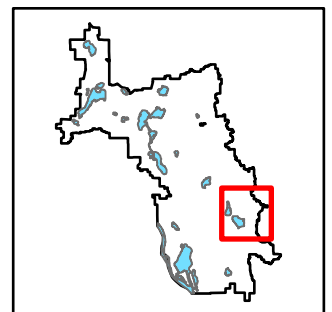
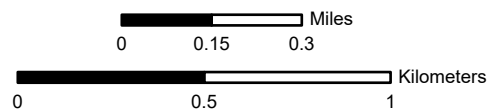
Attachments:

- ☒ Project Location Map
- ☐ Project Grading Plan

#23-05 MnDOT I-94 Maintenance & Safety Improvements



Highlighted Areas
Represent Active Permit



Special Provisions

1. The applicant shall add notes to the plans:
 - A. Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 prior to beginning construction activity in order to schedule an initial SWPPP inspection.
 - B. Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 at least 48 hours prior to construction of the filtration ditch blocks.
 - C. The specified erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction.
2. The applicant shall submit the final, signed plans set including erosion and sediment control installation details.
3. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the SWPPP.
4. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



MnDOT Metro
1500 County Road B2 West
Roseville, MN 55113

January 23, 2023

To: Nicole Soderholm
Ramsey-Washington Metro Watershed District
2665 Noel Drive
Little Canada, Minnesota, 55117

Subject: SP 8282-132 TH 94 Variance Request from RWMWD Wetland Buffer

Dear Ms. Soderholm,

I am writing to request a variance from the requirements of your surface water buffer rules for our associated permit application for the above referenced project.

This is Minnesota Department of Transportation (MnDOT) construction project SP 8282-132 on Hwy 94 from TH120 (1887 feet east of TH120) to TH95 (1457 feet east of TH 95).

The project includes pipe replacement work within 50' of Battle Creek Lake and the adjacent wetland areas. The replacement of centerline culvert pipe outlets includes direct impact into the wetland areas and Battle Creek Lake. Additionally, temporary traffic pavement work along the shoulder is required for our project as I94 traffic needs to be staged during the roadway pavement and drainage pipe work.

Deficient drainage pipes exist that outlet into Battle Creek Lake. These will be replaced with the project. This work is essential to update the infrastructure through replacement to get to an acceptable final condition. If not addressed with replacement and excavation as proposed, this would remain a possible safety hazard and cause potential ongoing drainage concerns.

The work within the area and buffer zone as mentioned above, will be accomplished with appropriate temporary erosion control installed, redundant BMPs as required, including silt fence and sediment control logs during construction, in addition to installation of sheet piling at the outlet during pipe replacements. All areas of our project along these sensitive wetland and surface waters, are Site Plan Requirement areas and will require the contractor to work through the staging plan and work site dewatering, flood routing, and treatment during their construction operation.

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

MnDOT will be the WCA LGU for wetland impacts within the MnDOT right of way. We are in the process with the WCA notification and replacement of wetland impacts. 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 have include for your information, our wetland report done by Katie Heinz, our MnDOT Wetland Coordinator.

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

Sincerely,

Bryce Fossand Digitally signed by Bryce Fossand
Date: 2023.01.23 15:55:45 -06'00'

Bryce Fossand, P.E.

MnDOT Metro Water Resources

Ph: 651-234-7529

bryce.fossand@state.mn.us

23-JAN-2023
PLOTTED/REVISED:

DISTRICT #: Metro
PLOT NAME: d8282132_ecl
FILENAME: Projects\DM_R05\094\8282132\Hydraulics\Permits\RWMD\Plan_Sheets\d8282132_ecl.dgn

NOTE:
① FOR TEMPORARY SHEET PILING, SEE STAGING PLAN AND CONSTRUCTION PLAN.

GENERAL NOTES:
① SEDIMENT CONTROL LOG TYPE COMPOST CAN BE USED DURING THE ENTIRE PROJECT.
② FOR PERMANENT TURF ESTABLISHMENT CONDITIONS, SEE DRAINAGE AND TURF ESTABLISHMENT PLAN.

Wetland #1
Type 5
DNR 82-115P
Tanner's Lake

WASHINGTON COUNTY
CITY OF LANDFALL

DELLWOOD SQUARE S.

ASPEN WAY

BIRCH LN.

CEDAR DR.

1ST AVE.

DELLWOOD LN.

HUDSON BLVD. N.

BEGIN S.P. 8282-132 (TH 94)
INP94EB STA 70+17.20

WASHINGTON COUNTY
CITY OF WOODBURY

SHERRIE LN.

LEGEND

- INPLACE STORM SEWER PIPE
- INPLACE CATCH BASIN
- INPLACE APRON
- SEED MIXTURE 32-241, HYDRAULIC BONDED FIBER MATRIX, FERTILIZER TYPE 1
- SILT FENCE, TYPE MS
- SEDIMENT CONTROL LOG TYPE COMPOST
- FLOTATION SILT CURTAIN TYPE STILL WATER
- STORM DRAIN INLET PROTECTION
- SURFACE FLOW ARROW
- PROPOSED STORM SEWER PIPE
- PROPOSED CATCH BASIN
- PROPOSED CONCRETE APRON
- DRAINAGE STRUCTURE NUMBER
- TAMS STRUCTURE ID NUMBER

SITE MANAGEMENT PLAN REQUIRED



100

SCALE IN FEET

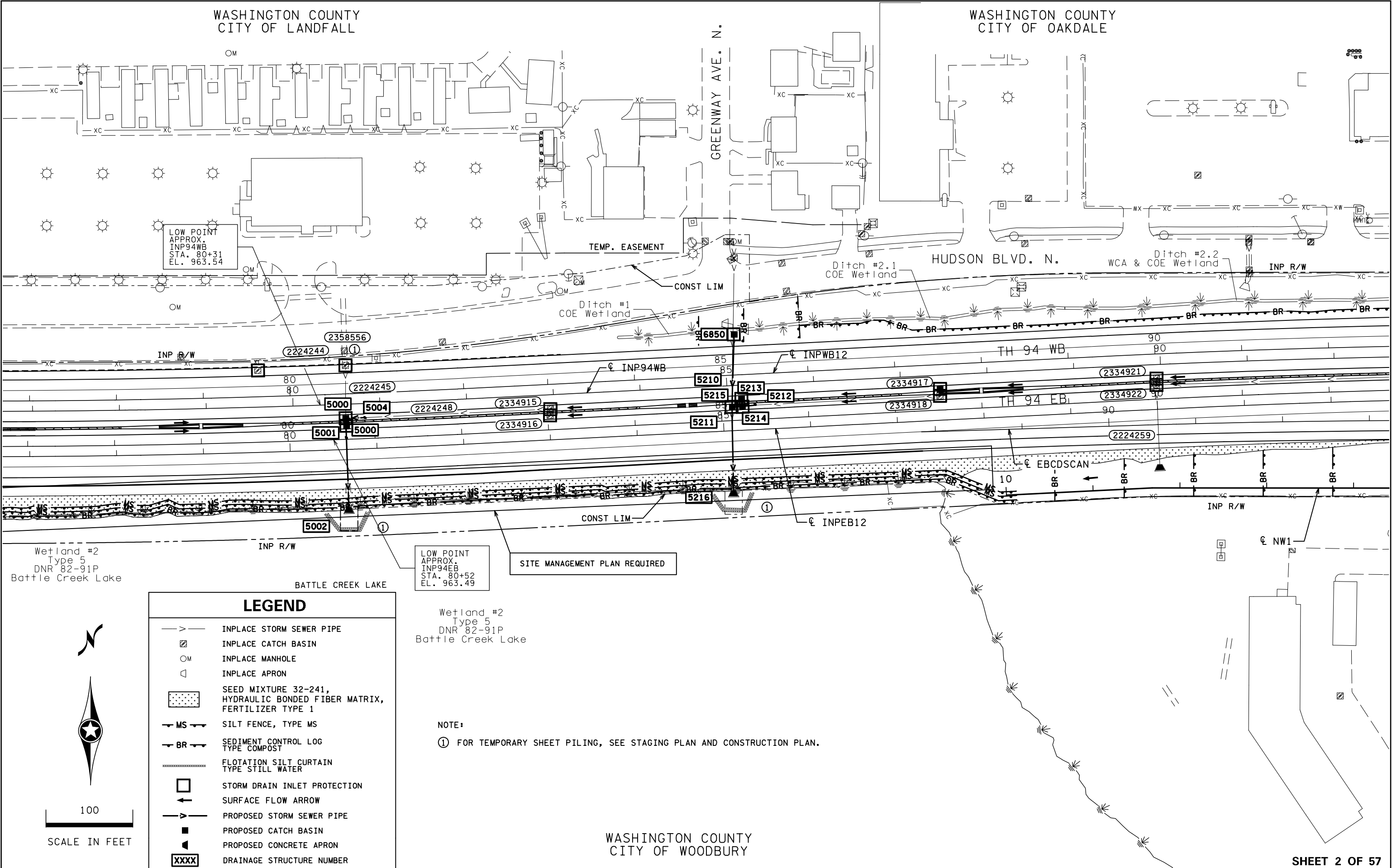
SHEET 1 OF 57

TEMPORARY EROSION CONTROL PLAN

STATE PROJ. NO. 8282-132 (T.H. 94) SHEET NO. 18 OF 93 SHEETS

PLOTTED/REVISED: 23-JAN-2023

DISTRICT *: Metro
I/PLOT NAME: d8282132_ec2
FILENAME: Projects\DMW\ROS\09A\8282132\Hydraulics\Permits\RMW\DW\Plan_Sheets\d8282132_ec2.dgn



LEGEND	
	INPLACE STORM SEWER PIPE
	INPLACE CATCH BASIN
	INPLACE MANHOLE
	INPLACE APRON
	SEED MIXTURE 32-241, HYDRAULIC BONDED FIBER MATRIX, FERTILIZER TYPE 1
	SILT FENCE, TYPE MS
	SEDIMENT CONTROL LOG TYPE COMPOST
	FLOTATION SILT CURTAIN TYPE STILL WATER
	STORM DRAIN INLET PROTECTION
	SURFACE FLOW ARROW
	PROPOSED STORM SEWER PIPE
	PROPOSED CATCH BASIN
	PROPOSED CONCRETE APRON
	DRAINAGE STRUCTURE NUMBER
	TAMS STRUCTURE ID NUMBER

NOTE:

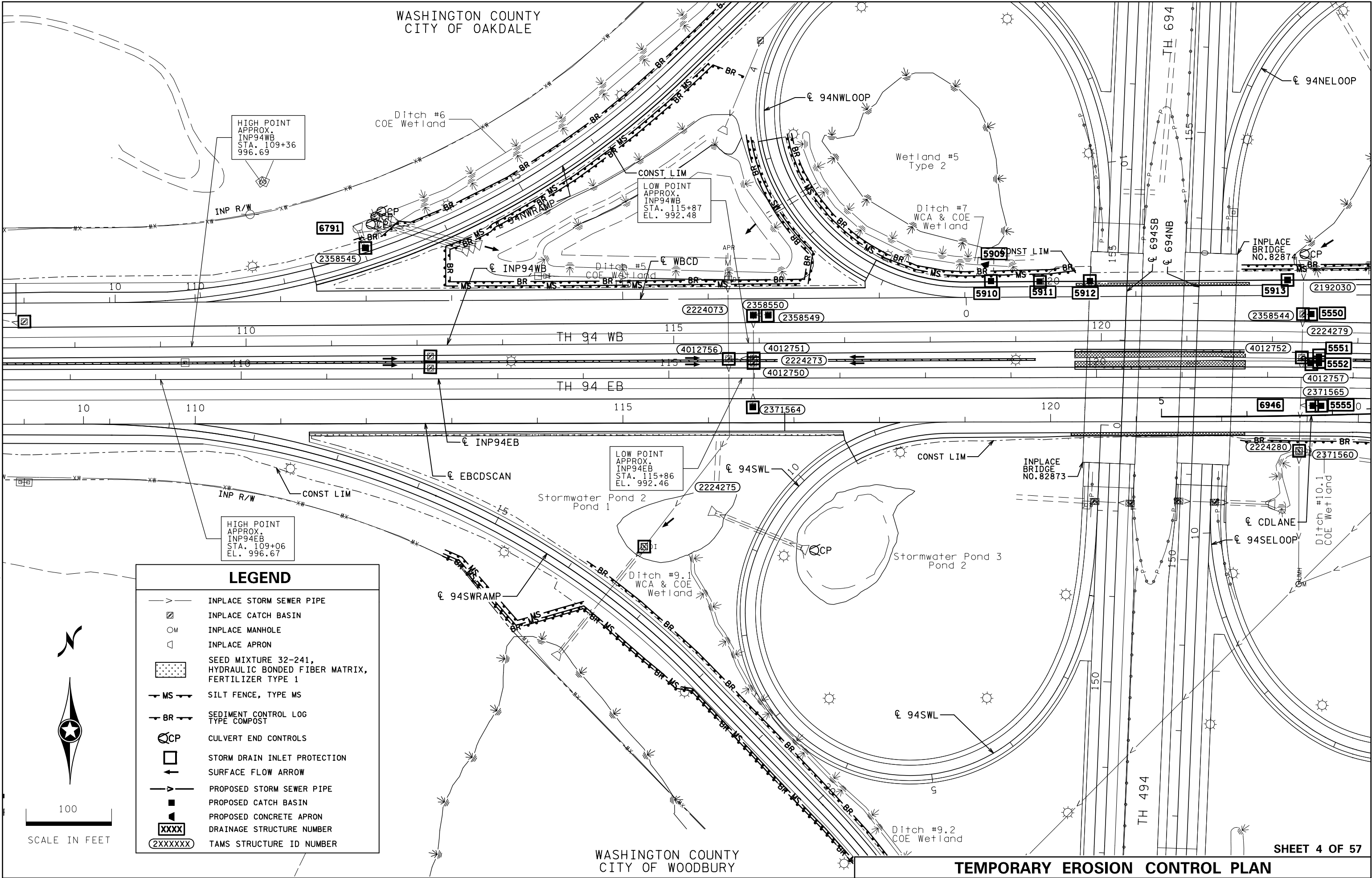
① FOR TEMPORARY SHEET PILING, SEE STAGING PLAN AND CONSTRUCTION PLAN.

TEMPORARY EROSION CONTROL PLAN

STATE PROJ. NO. 8282-132 (T.H. 94) SHEET NO. 19 OF 93 SHEETS

PLOTTED/REVISED: 23-JAN-2023

DISTRICT *: Metro
PLOT NAME: d8282132_ec4
FILENAME: Projects\DM ROS\0948282132\Hydraulics\Permits\RMWD\Plan_Sheets\d8282132_ec4.dgn



Permit Application Coversheet

Date February 01, 2023

Project Name Xcel Energy Roseville 0802 Line Rebuild

Project Number 23-06

Applicant Name Brian Black, Xcel Energy

Type of Development Utility Maintenance

Property Description

This project is located along the southeast side of Lake Owasso in the City of Roseville. The applicant is proposing to reconstruct a 1.6-mile portion of an existing transmission line. Due to the location of the existing line, construction activity is proposed in wetland buffer and floodplain areas. Most disturbance is proposed in the winter during frozen ground conditions to minimize impact to vegetation. A variance request is enclosed for temporary buffer disturbance, and areas will be restored with a native seed mix where vegetation is damaged to pre-project conditions. A Wetland Conservation Act (WCA) utility exemption application was approved on 1/25/23 (#23-04 WCA) for replacement of an existing power pole structure in a wetland. While work is taking place in the 100-year floodplain, no net fill is proposed to maintain existing flood storage on the landscape. Due to the nature of the proposed construction activity, permanent stormwater management (Rule C) is not required. The total site area is approximately 1 acre.

Watershed District Policies or Standards Involved:

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

Water Quantity Considerations

The proposed construction activity will result in no net loss of flood storage on the landscape.

Water Quality Considerations

Short Term

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

Long Term

There are no long term water quality considerations.

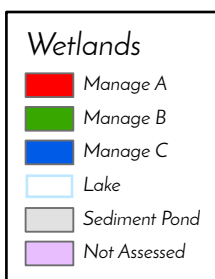
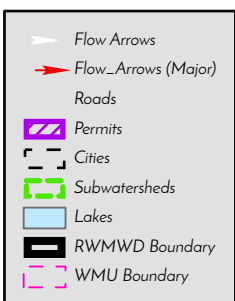
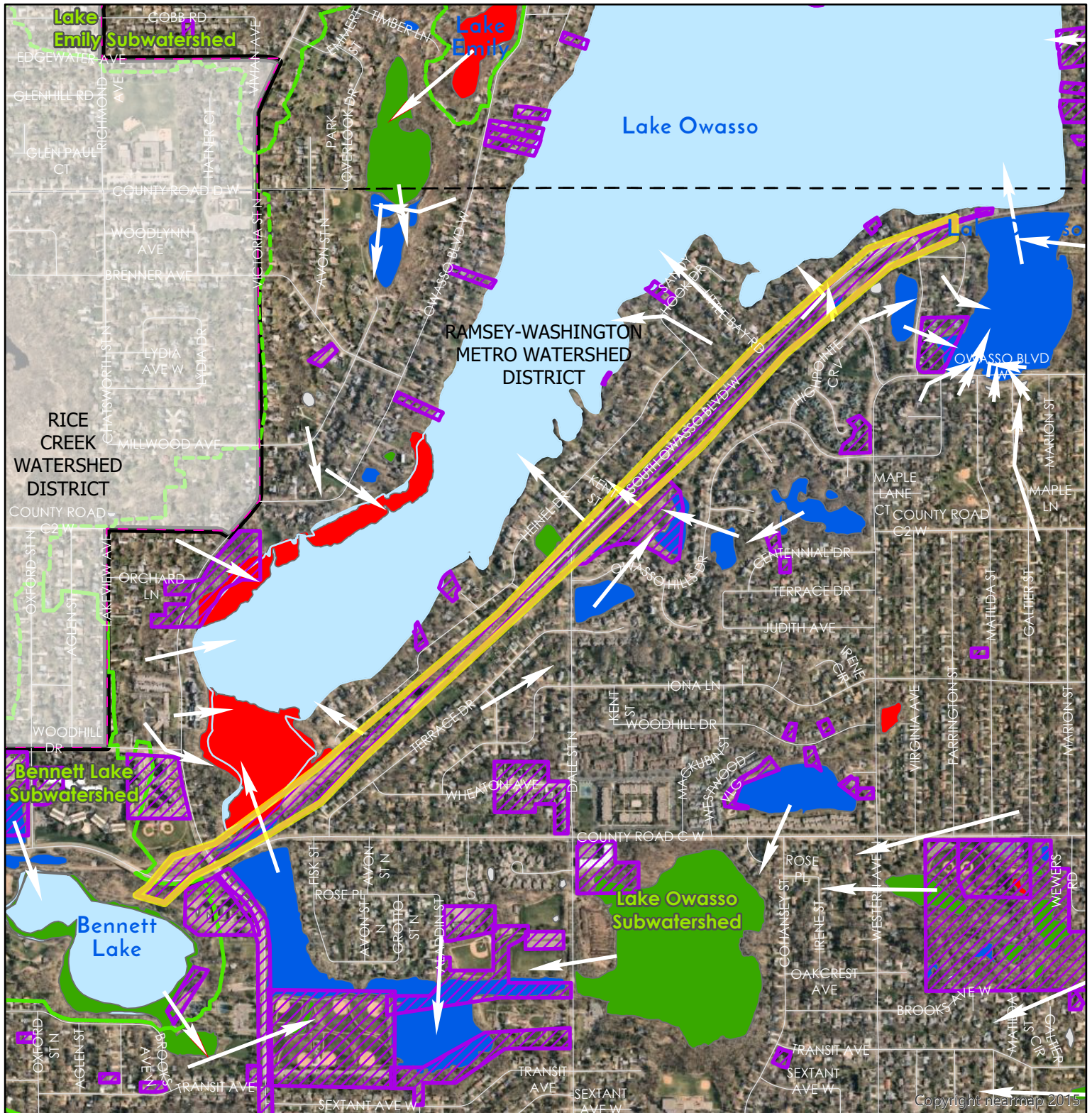
Staff Recommendation

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

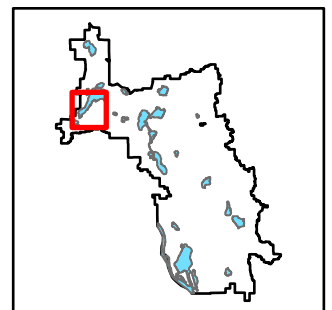
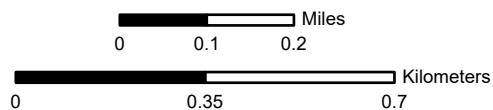
Attachments:

- ☒ Project Location Map
- ☐ Project Grading Plan

#23-06 Xcel Energy Roseville 0802 Line Rebuild



Highlighted Areas
Represent Active Permit



23-06

Special Provisions

1. The applicant shall submit the final, signed plans set including erosion control plan.
2. The applicant shall submit a copy of the approved Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.



MEMORANDUM

Date: January 11, 2023

Re: **Line 0802 STR 59-85 Rebuild Project Variance Request**

To: Ramsey Washington Metro Watershed District

From: Xcel Energy

Introduction

The proposed Line 0802 Rebuild project is located in Ramsey County, Minnesota, in the city of Roseville. The project is linear in nature within transmission line (0802) ROW from Structure 59 to Structure 85, adjacent to Owasso Blvd and east of Lake Owasso.

Section	Township	Range
1, 2, 11	T29N	R23W
Latitude and Longitude Points (Decimal)		
Latitude	45.026065	
Longitude	-93.12812	

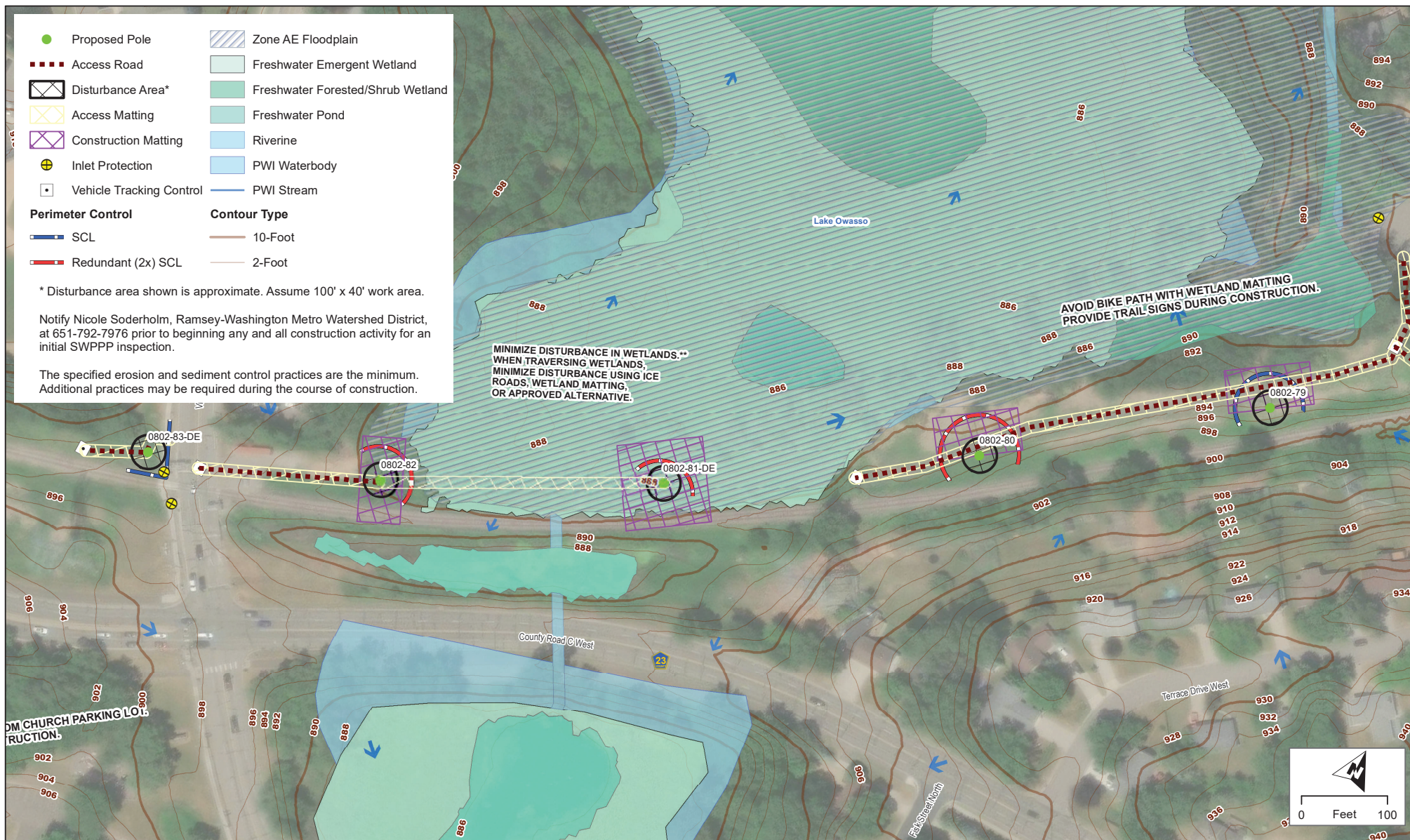
Xcel Energy's Line 0802 Structure 59 to 85 Rebuild Project consists of reconstruction along a 1.6-mile portion of an existing 69kV transmission line corridor. Construction activities include installation of temporary erosion and sediment control BMPs, construction matting for site access and construction, replacement of single pole structures on existing foundations, one new drilled pier foundation, and site restoration.

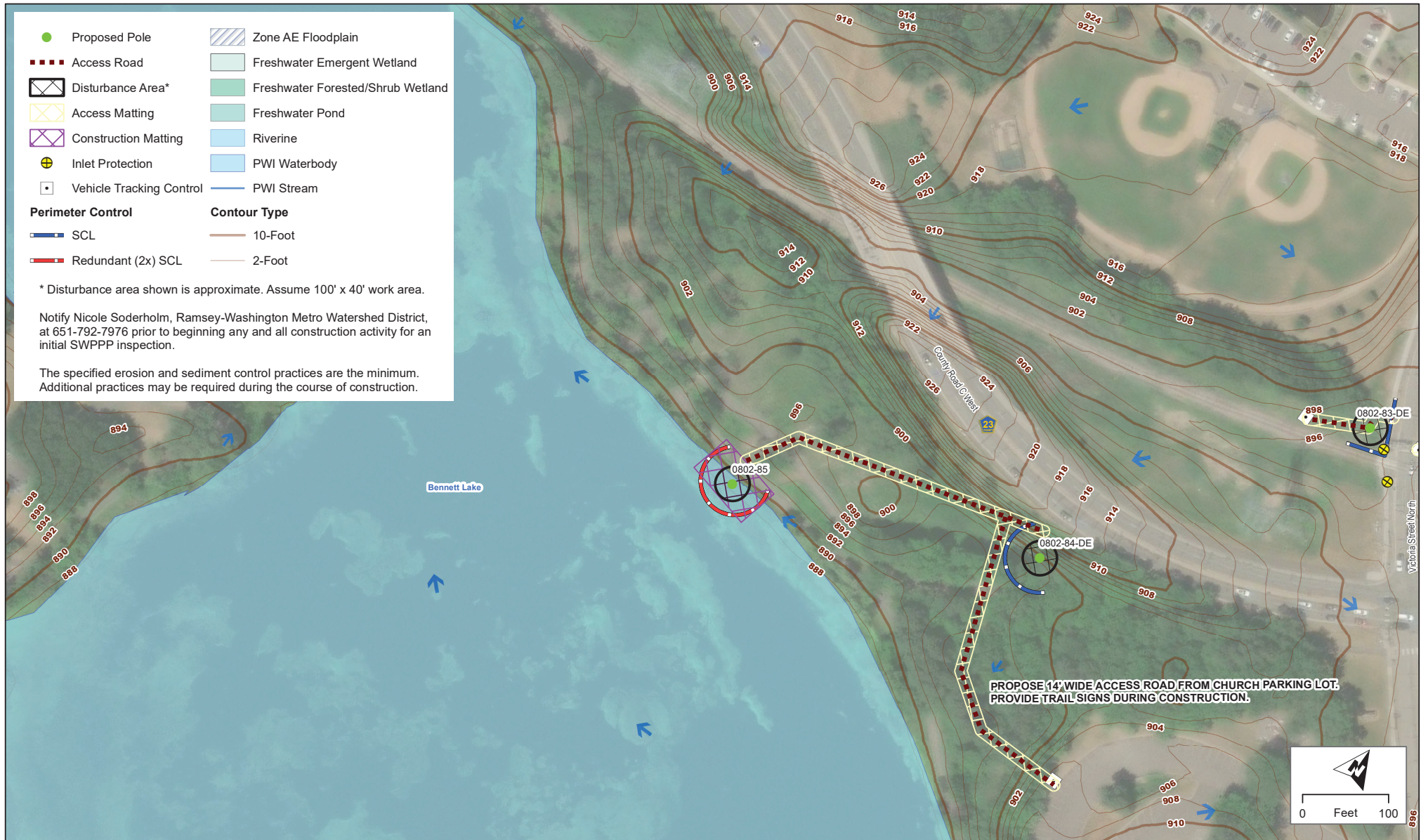
Variance Request

A variance is requested for the Line 0802 Rebuild Project pertaining to Rule E: Wetland Management as described below.

District rules require that buffer zones around existing wetlands, lakes, and streams be preserved during construction. With the nature of linear projects, this is not always feasible because of the available space for construction and location of existing transmission structures. In locations where buffer zones cannot be feasibly preserved, construction matting will be used to minimize disturbance and redundant sediment controls will be implemented.

Wetland disturbance will be minimized by use of construction matting and timing of the project during frozen conditions. Construction is scheduled to begin in February and wrap up in May with final restoration activities during May & June. In areas where wetlands are disturbed temporarily, they will be stabilized and restored to preconstruction conditions.





Minnesota Wetland Conservation Act Notice of Decision

Local Government Unit: Ramsey-Washington Metro Watershed District (RWMWD) County: Ramsey
Applicant Name: Brian Sullivan (Xcel Energy) Applicant Representative: Ellen Heine (Xcel Energy)
Project Name: Xcel Roseville Line 0802 Exemption LGU Project No. (if any): 23-04 WCA
Date Complete Application Received by LGU: 1/23/2023
Date of LGU Decision: 1/25/2023
Date this Notice was Sent: 1/25/2023

WCA Decision Type - check all that apply

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

Replacement Plan Impacts (replacement plan decisions only)

Total WCA Wetland Impact Area:
Wetland Replacement Type: <input type="checkbox"/> Project Specific Credits: <input type="checkbox"/> Bank Credits:
Bank Account Number(s):

Technical Evaluation Panel Findings and Recommendations (attach if any)

<input type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input checked="" type="checkbox"/> No TEP Recommendation
--

LGU Decision

<input type="checkbox"/> Approved with Conditions (specify below) ¹ List Conditions:	<input checked="" type="checkbox"/> Approved ¹ <input type="checkbox"/> Denied
Decision-Maker for this Application: <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:	
Decision is valid for: <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):	

¹ *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision¹.

<input type="checkbox"/> Attachment(s) (specify): <input checked="" type="checkbox"/> Summary: Impacts associated with a power pole structure replacement have been minimized to the extent possible and are less than once acre. The nature of the activity falls under the utility exemption.

¹ Findings must consider any TEP recommendations.

Attached Project Documents

☐ Site Location Map ☒ Project Plan(s)/Descriptions/Reports (specify): **Application**

Appeals of LGU Decisions

If you wish to appeal this decision, you must provide a written request within 30 calendar days of the date you received the notice. All appeals must be submitted to the Board of Water and Soil Resources Executive Director along with a check payable to BWSR for \$500 *unless* the LGU has adopted a local appeal process as identified below. The check must be sent by mail and the written request to appeal can be submitted by mail or e-mail. The appeal should include a copy of this notice, name and contact information of appellant(s) and their representatives (if applicable), a statement clarifying the intent to appeal and supporting information as to why the decision is in error. Send to:

Appeals & Regulatory Compliance Coordinator
Minnesota Board of Water & Soils Resources
520 Lafayette Road North
St. Paul, MN 55155
travis.germundson@state.mn.us

Does the LGU have a local appeal process applicable to this decision?

☐ Yes¹ ☒ No

¹If yes, all appeals must first be considered via the local appeals process.

Local Appeals Submittal Requirements (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

Notice Distribution (include name)

Required on all notices:

<input checked="" type="checkbox"/> SWCD TEP Member: Mike Goodnature (Ramsey County)	<input checked="" type="checkbox"/> BWSR TEP Member: Ben Meyer
<input type="checkbox"/> LGU TEP Member (if different than LGU contact):	
<input checked="" type="checkbox"/> DNR Representative: Jim Levitt	
<input type="checkbox"/> Watershed District or Watershed Mgmt. Org.:	
<input checked="" type="checkbox"/> Applicant (notice only): <input type="checkbox"/> Agent/Consultant (notice only):	

Optional or As Applicable:

<input checked="" type="checkbox"/> Corps of Engineers:	
<input type="checkbox"/> BWSR Wetland Mitigation Coordinator (required for bank plan applications only):	
<input type="checkbox"/> Members of the Public (notice only):	<input checked="" type="checkbox"/> Other: Mary Fitzgerald (RWMWD), Anna Kadrie/Brian Black (Xcel Energy)

Signature: 	Date: 1/25/2023
--	---------------------------

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



RAMSEY-WASHINGTON

METRO WATERSHED DISTRICT

MEMORANDUM

Date: February 1st, 2023

To: Board of Managers and Staff

From: Nicole Soderholm, Permit Coordinator
Mary Fitzgerald, District Inspector

Subject: January Enforcement Action Report

During January 2023:

Number of Violations: 0

Activities and Coordination Meetings:

Active permit site monitoring and inspections, permitting assistance to private developers and public entities, miscellaneous resident inquiries, Wetland Conservation Act (WCA) administration/procedures, new permit review with Barr Engineering, TAC rule change process, winter construction inspections presentation by Dwayne Stenlund, active permit discussion with City of Woodbury, DEI (Diversity Equity & Inclusion) workgroup meeting, District program display meeting with Lauren, WCA Annual report submittal

Project Updates:

Similar to the month of December, January has been quiet amongst construction sites. An unseasonal rain event occurred on January 15-16th – which prompted staff to conduct site monitoring throughout the District the following days. Staff found most sites to be frozen and compliant. Staff observed quite a bit of earth-moving activity at site #22-32 (Oakdale Elementary Demolition), and notified the site contacts that they needed to scrape tracked sediment from paved surfaces and install anti-tracking devices to prevent turbid snow melt from leaving the site.



Site #20-13 (Menards, Maplewood) was discovered to be storing dirty plowed snow in their new filtration basin. Staff communicated to the site contacts that the plowed snow has a high concentration of sediment, deicers and other debris that could cause drainage issues to the basin, and to correct plowing and snow storage operations.



Single Lot Residential Permits Approved by Staff:

None

Permits Closed:

None

Stewardship Grant Program

Stewardship Grant Program Budget Status Update

February 1, 2023

Homeowner	Coverage	Number of Projects: 0	Funds Allocated
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	0	\$0
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	0	\$0
Master Water Steward Project	100% Cost Share \$15,000 Max	0	\$0
Shoreland Restoration	100% Cost Share \$15,000 Max	0	\$0

Commercial, School, Government, Church, Associations, etc.	Coverage	Number of Projects: 1	Funds Allocated
Habitat Restoration	50% Cost Share \$15,000 Max	0	\$0
Shoreland Restoration (below 100-year flood elevation w/actively eroding banks)	100% Cost Share \$100,000 Max	0	\$0
Priority Area Projects	100% Cost Share \$100,000 Max	1	\$61,000*
Non-Priority Area Projects	75% Cost Share \$50,000 Max	0	\$0
Public Art (\$50,000 Reserved)	50% Cost Share \$15,000 Max/Project	0	\$0
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	0	\$0
Enhanced Street Sweeping (\$128,000 Reserved)	Grant Recipients and Amounts to be Set at Future Meeting	0	\$0

Maintenance	50% Cost Share \$7,500 Max for 5 Years	63	\$43,500
Consultant Fees			\$0
Total Allocated			\$43,500

*includes funds to be approved at the February 1 board meeting.

2023 Stewardship Grant Program Budget	
Budget	\$1,128,000
Total Funds Allocated	\$104,500
Total Available Funds	\$1,023,500

New Reports/ Presentations

Project Work Plan

Original Date: January 2022

Updated: January 2022

Project: South RWMWD evaluation of flood control options/Resiliency study for Battle Creek and Fish Creek drainage areas
Project #23-62-1200.23-001

Project team

District staff: Project manager: Tina Carstens
Barr staff: Principal in charge: Brandon Barnes, PE
Project manager: Jay Hawley
Project team: Lulu Fang

Scope of work

The purpose of this project is to evaluate system scale modifications to reduce flood risk within the portion of the RWMWD that was not evaluated as part of the Beltline Resiliency Evaluation. 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 reduce flood risk to habitable structures located within the 100-year floodplain of District managed water bodies, including the evaluation of actively managing outlet control structures on Tanners Lake, Battle Creek Lake, and Carver Lake. This evaluation will allow RWMWD to identify potential system-wide strategies for mitigating flood-risk consistent with the portion of the District that is tributary to the Beltline, which was studied as part of the Beltline Resiliency Evaluation.

Phase A includes evaluating the potential for increasing floodplain storage north of 15th Street N in Oakdale, modifications to the Tanners Lake and Battle Creek Lake outlet control structures, modifications to overland flow paths through Landfall, increasing conveyance capacity below I94, and identifying opportunities for floodplain storage within the Battle Creek subwatershed.

Phase B includes identification of opportunities for floodplain storage upstream of Carver Lake, modifying operation of existing pumped outlets, actively managing the Carver Lake outlet control structure, and improvements to conveyance capacity near I-494.

- **Phase A Tanners Lake, Battle Creek Lake, and Battle Creek subwatersheds:** Phase A includes evaluating system modifications, including active management of the Tanners Lake and Battle Creek Lake outlet control structures.
- **Phase B Carver Lake, Fish Creek, and Snake Creek:** Phase B includes evaluation of system modifications in the Carver Lake, Fish Creek, and Snake Creek subwatersheds including active management of the Carver Lake outlet control structure.

The following are proposed tasks for each Phase.

Task 1: Identify flood-risk management elevations. This task involves determining the acceptable limits for the 100-year water surface elevation. LiDAR will be used to estimate the elevation of low structure adjacent to each water body within the subwatershed. We assume that any flood-risk mitigation strategy must either meet the District's freeboard requirement or the 100-year water surface elevation must not increase above the current elevation.

Task 2: Develop an inventory of stormwater infrastructure that may be modified. This task involves identification of stormwater infrastructure within each subwatershed that might be modified to mitigate impacts to the 100-year water surface elevation. We assume that active management (i.e., adjusting the outlet during a rainfall event) will only be used for outlet structures on Tanners Lake, Battle Creek Lake, and Carver Lake, and that other stormwater infrastructure will not be actively managed.

Task 3: Identify flood-risk mitigation modifications for each Phase of the study. We will identify system-modifications required to mitigate flood-risk. Initially system-modifications will be focused on identifying ways to reduce the 100-year water surface elevation without considering downstream impacts (which will be evaluated in Task 4). System modifications evaluated may include outlet modifications, rerouting local storm sewer, or identifying locations for upstream storage within the watershed.

Task 4: Evaluation and mitigation of downstream impacts. Modifications to downstream culverts, overflows, and lake outlet structures will be evaluated to mitigate downstream impacts. The goal will be to reduce downstream 100-year water surface elevations to below elevations identified in Task 1. The 100-year 4-day rainfall event will be used to develop potential management plans for proposed actively managed outlets.

Task 5: Document methodology and results. This task includes preparation of an addendum to the Beltline Resiliency Report summarizing potential system modifications and resulting 100-year water surface elevations. Results for each phase will be used to update the GIS web map that was developed as part of the Beltline Resiliency Study. This task also includes two progress meeting with RWMWD staff as well as a presentation to the board.

Budget

The approved budget is \$150,000.

Schedule

We propose the following schedule, milestones, and deliverables:

- project start: March 2023
- Task 1 complete: April 2023
- Task 2 complete: May 2023
- Task 3 complete: September 2023
- Task 4 complete: November 2023
- Task 5 complete: December 2023

Project tracking

Project milestones

Milestone	Estimated date	Actual date
Project start	March 2023	
Task 1: Identify flood-risk management elevations	April 2023	
Task 2: Inventory stormwater management infrastructure	May 2023	
Task 3: Identify flood-risk management modifications	September 2023	
Task 4: Mitigate downstream impacts	November 2023	
Task 5: Documentation	December 2023	

Monthly updates

Month	Budget spent \$ / %
March 2023	
April 2023	
May 2023	
June 2023	

Administrator's Report

MEMO

TO: Board of Managers and Staff
FROM: Tina Carstens, Administrator
SUBJECT: January Administrator's Report
DATE: January 26, 2023

A. Meetings Attended

Tuesday, January 3	9:00 AM	MAWA Executive Committee
	2:00 PM	Metro MAWD Planning
Wednesday, January 4	6:30 PM	Board Meeting
Tuesday, January 10	1:30 PM	MAWD Education/Events Committee
Wednesday, January 11	9:00 AM	Public Works Forum
	1:30 PM	MAWD Handbook Committee
Thursday, January 12	4:00 PM	Simba's Retirement Celebration
Friday, January 13	9:00 AM	MAWD Board Meeting
Tuesday, January 17	11:00 AM	Project Planning with Barr
	7:00 PM	Metro MAWD Meeting
Wednesday, January 18	5:00 PM	Special Board Meeting
Thursday, January 19	2:00 PM	Flood Risk Studies Updates
Tuesday, January 24	2:00 PM	Metro-INET Board Meeting
Wednesday, January 25	11:30 AM	Metro Administrators Meeting
Friday, January 27	11:00 AM	Audit Planning Meeting

B. Upcoming Meetings and Dates

CAC Meeting	February 7, 2023
March Board Meeting	March 1, 2023 (Annual Meeting)
MAWD Legislative Days	February 15-16, 2023
April Board Meeting	April 5, 2023
CAC Meeting	April 11, 2023
Metro MAWD	April 18, 2023
May Board Meeting	May 3, 2023
WaterFest	June 3, 2023
June Board Meeting	June 7, 2023
CAC Meeting	June 13, 2023
July Board Meeting	June 28, 2023

C. Ongoing Project Updates

Land Acquisition and Use Policy – This item has been delayed and with more information to come at a future meeting.

West Vadnais Lake Boundary Change – No update on this item is available at this time.

Board of Managers Governance Documents – This has also been delayed with more information to come at a future meeting.

D. Annual Meeting Reminder

The board's annual meeting is planned for the March 1, 2023 regular meeting. At the annual meeting, the board will declare their official designations of engineer, attorney, accountant, bank, and newspapers. The board will also elect their officers for the next 12 months. The following is the list of officers and their designated responsibilities.

- The President will serve as the chairperson for all meetings, be a signatory to the District's account and sign any contracts or correspondence.
- The Vice President will perform the President duties in the event of an absence. The Vice President is also responsible for being the personnel representative from the Board. This means that the Vice President would coordinate the Administrator's review as well as consult with the Administrator on personnel issues that may arise.
- The Treasurer will be a signatory on District accounts and sign the monthly checks.
- The Secretary will ensure meeting minutes are prepared and approved by the board as well as sign documents that require multiple signatures.

At this meeting, the board should consider designating board representatives to the Citizens Advisory Committee (CAC) and the Metro Watersheds meeting.

E. Minnesota Watersheds (formally MAWD) Updates

I have attached two documents for your information. The first is the legislative update that also includes information about the Minnesota Watersheds Legislative Days. If you are interested in attending this event, please let me know and we will get you registered.

During the time of the legislative event there will also be a special meeting of the membership. That information is also attached. That meeting is to vote to assume the name of Minnesota Watersheds, formally. The board should discuss if anyone will be able to attend this special meeting in order to be delegates from RWMWD.

Minnesota Watersheds

Legislative Update

January 13, 2023

By Ray Bohn

The 2023 Legislative Session has started with a flourish. Typically, the first session of the biennium is full of agencies introductions and overviews, results of policy studies, macro budget issues, and other types of activities to help familiarize new legislators with the agencies and issues their respective committees will be working on during the session.

Not this year. While some of the above outlined activity is taking place, it has largely been replaced by direct action on legislation. For example, the legislature passed, and the governor has signed into law a tax conformity bill that brings Minnesota tax statutes in line with Federal tax law. This can be a controversial bill, but sailed through both bodies with little or no controversy.

Because Gov. Walz was reelected and the DFL retained control of the House and took control of the Senate, they are driving the agenda at this point. Also, on their docket for immediate consideration is codifying abortion rights, legalizing the issuing of drivers licenses to undocumented residents, pushing legalization of marijuana, and other similar issues. Most of these issues are controversial so how long it takes to proceed through their immediate agenda is anyone's guess.

The Governor will begin laying out his budget recommendations as early as next week so that may temper some of these issues, but probably not much.

Our general fund legislation is being drafted at this point and BWSR has agreed to put the board authorizing watershed district projects clarification in their housekeeping bill.

We continue to work on the two drainage bills that have been discussed over the summer and fall which include the drainage registry and DNR's early intervention proposed legislation. Presently we are still in discussions at the Drainage Work Group on the drainage registry proposal with its proponents and have another meeting in early February in the Workgroup. On the DNRs early coordination legislation, the good news is DNR has agreed to not introduce any legislation on this topic this session and continue to work with the Drainage Work Group.

Legislative deadlines as outlined below just came out today.

- **March 10th:** Committees must act favorably on bills in the house of origin.
- **March 24th:** Committees must act favorably on bills, or companions of bills, that met the first deadline in the other body.
- **April 4th:** Committees must act favorably on major appropriation and finance bills.
- **April 4th - April 10th:** Easter/Passover break
- **May 22nd:** Legislature must complete its work

Be sure to register for and attend Minnesota Watersheds' [Legislative Briefing and Day at the Capitol](#) on **February 15** to see how you and your watershed district or watershed management organization can assist Minnesota Watersheds with our legislative program.

PRIORITY A: TOP PRIORITIES FOR 2023 LEGISLATIVE ACTION		
TAX BILL	2018-02	Increase or remove the \$250k General Fund tax levy Limit
	2021-01, 02	Seek capacity funding for the \$250k capped rural WDs and SWCDs from state and county general funds
	2021-06	Require 60-day review periods when state agencies adopt new policies
	2021-04, 07	Use CWFs for implementation, not capacity; require metro watershed-based implementation grants to go through approved 103B plans
23 Bonding Bill	2022-03, 2016-08	Obtain stable funding for Flood Damage Reduction and Natural Resources Enhancement Projects
	2022-04	Clarification of watershed district project establishment
PRIORITY B: LEGISLATION TO SUPPORT		
	2022-02	Limited liability for Smart Salting-certified Commercial Salt Applicators
	2021-03	Allow greater flexibility in open meeting law for virtual attendance, not just during a pandemic
	2021-05	Change crop insurance provisions to cover crop losses within impoundment areas
	2020-01	Allow appeals for public waters designations
	2022-06	Limiting negative impacts from wake boats by supporting scientific studies by the University of Minnesota
PRIORITY C: TOP PRIORITIES FOR 2023 ADMINISTRATIVE LOBBYING RESOURCES		
	2022-03	Increased support and participation for the Minnesota Drainage Work Group
	2022-01	MDH - WD/WMO representation on Stormwater Reuse Task Force
	LGWRT	CWC - Increase Clean Water Funding for watershed-based implementation programs
	2020-04	DNR - temporary water storage on DNR wetlands during major flood events
Resolutions for the Parking Lot (Support if opportunities arise)		
	2018-04	Require WD Permits for the DNR
	2019-04	Clarify county financing obligations and allow WD G.O. bonds for drainage systems
	2017-06	Stable General Fund allocation for flood damage reduction projects
	2017-05	WD general operating levy adjustment: Middle Fork Crow River
	2019-08	WD general operating levy adjustment: Heron Lake
	2019-09	WD general operating levy adjustment: Shell Rock River
	2019-10	WD general operating levy adjustment: Pelican River
	2019-11	WD general operating levy adjustment: Buffalo Red River
	2018-06	DNR - ensure timely updates to Wildlife Management Area (WMA) plans
	2017-02	DNR - temporary lake quarantine authorization to control the spread of aquatic invasive species
	2019-07	DNR - change Chinese Mystery Snail designation and support research needs
	2019-01	DNR - streamline DNR permit process
	2018-08	DNR - reinforce existing rights to maintain/repair 103E drainage systems
	2020-03	BWSR - require soil health goals in metro watershed management plans
	2019-05	BWSR - WD Membership on Wetland Technical Evaluation Panels
	2019-03	BWSR - Support watershed-based management in MN River Basin through increased storage
	2018-03	BWSR - require timely appointments to the BWSR Board
	2019-02	MPCA - default classification for artificial watercourses that serve as public drainage ditches
LEGISLATION TO DEFEAT - This legislation died at the end of the session. Watch to see if reintroduced.		
HF 0368/SF 0711	Green/Utke	Remove eminent domain powers for WDs
HF 0884/SF 1539	Green/Utke	Requires county commissioners to only appoint county commissioners to serve as WD managers
HF 0989/SF 0881	Marquart/Ruud	\$22M CWF appropriation to SWCDs
HF 1586/SF 2214	Torkelson/Johnson	Fund a SWCD/WD merger study once a 1W1P is approved
HF 1718	Fischer	Establish SWCD account in the special revenue fund, \$12M/year for capacity, 1% for BWSR administration
HF 2030/SF 1835	Nelson/Kiffmeyer	Modifying uses of positive general fund; removes CWF payback from \$22M SWCD capacity funds
HF 4274, 4274A	Lippert/Hansen	Drainage registry information portal
	DNR	Incorporating environmental, land use, and multipurpose water management criteria M.S. 103E.015 requirements

2023 Top Legislative Priorities Talking Points

Minnesota Watersheds

INCREASE THE GENERAL FUND LEVY LIMIT

- Watershed Districts operating under Minnesota Statutes Chapter § 103D.905 have not been allowed to increase their general fund levy for over 20 years.
- The present \$250,000 levy limit does not allow primarily rural watershed districts to cover the increased cost of operations, nor does it cover costs from the increased demands placed on them by the State, such as One Watershed, One Plan.
- Most rural watershed districts have done outstanding work in leveraging their tax dollars to return two to four times that amount in grant funding. The \$250,000 levy limit restricts the ability of watershed districts to provide adequate match capabilities as well as develop longer term capacity to meet their water plan objectives.

REQUIRE 60-DAY REVIEW PERIODS WHEN STATE AGENCIES ADOPT NEW POLICIES

- Often water management policies of state agencies have an impact on watersheds, especially when the local units of government are unaware of policies or policy updates.
- The final draft policy of a state agency is a critical document for watersheds to determine policy impacts.
- It is necessary for local input in state decision making. At the very least, consideration of the views of local constituents whose lives are affected by policies should be made.
- Requiring a 60-day review policy would allow input from watersheds and could make policies better through coordinated and collaborative input prior to adoption by a state agency.

USE CLEAN WATER FUNDS FOR IMPLEMENTATION, NOT CAPACITY

- The legislature has used Clean Water Funds to provide capacity funding for Soil and Water Conservation Districts as a stop gap measure until permanent, long-term funding options are developed.
- Minnesota Watersheds supports redirecting Clean Water Funds from Soil and Water Conservation District capacity to BWSR Watershed-based Implementation Funding. Minnesota Watersheds supports funding from the state or other permanent funding methods. We do not believe Clean Water Funds were ever intended for capacity funding.

SUPPORT 2023 BONDING REQUESTS AND STABLE FUNDING FOR FUTURE FLOOD DAMAGE REDUCTION AND NATURAL RESOURCES ENHANCEMENT PROJECTS

- Studies show that for every \$1 invested in flood damage reduction, there is a \$6 return on investment.
- Flooding is not going away. DNR grant applications list a need of over \$160 million, yet no money has been allocated for the past two years.
- Local communities and farmers who are subject to repeated flooding are profoundly affected by financial devastation.
- Investing in stable funding for flood damage reduction and natural resources enhancement projects greatly reduces the number of communities, family farms, and other small businesses impacted by flooding and allows the opportunity to secure federal matching dollars which bring investment and jobs into communities.
- Counties, cities, watershed districts, and townships do not have the resources to construct projects to reduce the effects of severe and repeated flooding, nor to repair damaged infrastructure, without the assistance of state funding.

CLARIFICATION OF WATERSHED DISTRICT PROJECT ESTABLISHMENT

- Minn. Stat. § 103D.605 provides a process for a watershed district to construct a project with government aid or as part of a plan. The statute contains a mix of actions required by watershed district managers and the BWSR board. Minnesota Watersheds supports working with BWSR to clarify Minn. Stat. § 103D.605, Subd. 5.

SUPPORT FOR MN DRAINAGE WORK GROUP

- Minnesota Watersheds supports the MN Drainage Work Group process to work cooperatively with drainage stakeholders and state agencies to address state policy issues related to drainage.

SUPPORT LIMITED LIABILITY PROTECTIONS TO CERTIFIED COMMERCIAL SALT APPLICATORS

- There is no easy way to remove chloride from our lakes, rivers, and wetlands once it gets there. It is considered a permanent pollutant. Prevention is our best and really our only option for limiting the negative impacts of excess chlorides in our waters.
- This pollutant comes from several sources, but one easily reduced source comes when applicators overapply salt hoping to reduce their risk against slip and fall lawsuits.
- With proper training and limited liability protections for those certified, we believe a difference can be made.

Thank you for sharing these issues with your legislators! We'd appreciate hearing about your interactions.

Minnesota Watersheds | 1005 Mainstreet | Hopkins, MN 55343 | mnwatershed.org

For more information, contact Jan Voit, Executive Director at admin@mnwatershed.org | 507-822-0921

2023 Legislative Briefing and Day at the Capitol

Radisson Hotel - Capitol Ridge

161 St. Anthony Avenue, St. Paul | February 15-16, 2023

Agenda – Wednesday, February 15, 2023

Welcome to the Minnesota Watersheds' 2023 Legislative Briefing. The following schedule is approximate. Speakers and times may change as needed to accommodate the ever-changing schedules of lobbyists and directors.

4:00 – 4:30 Minnesota Watersheds Top Legislative Priorities

- 4:00 Welcome and Announcements – Jan Voit, Minnesota Watersheds Executive Director
- 4:05 Capitol Activity Update – Ray Bohn, Minnesota Watersheds Lobbyist
- 4:30 Strategies for Working with the Legislature and State Agencies on Minnesota Watersheds Platform Items – Jan Voit, Executive Director
 - Increase the general fund levy limit
 - Require 60-day review periods when state agencies adopt new policies
 - Use Clean Water Funds for implementation, not capacity
 - Support stable funding for Flood Damage Reduction and Natural Resources Enhancement Projects
 - Clarification of watershed district project establishment
 - Monitor and support Drainage Work Group process
 - Provide limited liability protections to certified commercial salt applicators

5:00 – 5:50 Funding Updates

- 5:00 Board of Water and Soil Resources (BWSR) Supplemental Budget and Bonding Bills – John Jaschke, BWSR Executive Director
- 5:15 Bonding Bill Update – Pat Lynch, Department of Natural Resources and Rob Sip, RRWMB Executive Director
- 5:45 Q & A

6:00 Closing Remarks/End of Briefing

- 6:00 Jan Voit, Executive Director

6:00 – 8:00 Networking Event: Minnesota Watersheds Members and Legislators

Invitations to this networking event were sent to all legislators. However, individual invitations from members helps provide additional encouragement for them to attend.

Take advantage of this opportunity to network with other members and chat with legislators as they arrive. **Please also use this time for informal regional caucus discussion.** There will be a cash bar. Light food options will be served for you to enjoy.

Agenda – Thursday, February 16, 2023

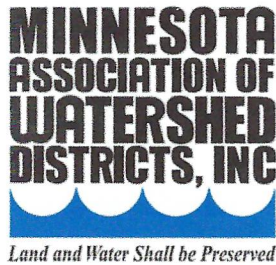
Welcome to the 2023 Legislative Breakfast.

7 am – 8:30 am Networking Event: Minnesota Watersheds Members

Take advantage of this opportunity to have a buffet breakfast with Minnesota Watersheds members at the Capitol Ridge Hotel and discuss our legislative priorities.

9 am – 4 pm Meet with Legislators

Please use this occasion to visit with legislators in their offices or at the Capitol.



Minnesota Association of Watershed Districts, Inc.
www.mnwatershed.org

**Minnesota Association of Watershed Districts, Inc.
Special Meeting
February 15, 2023
3:30 p.m.
Radisson Hotel - Capitol Ridge**

Member Meeting Materials

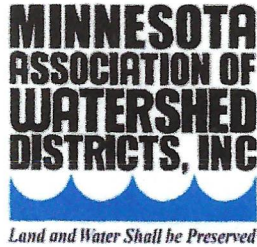
Enclosed are the following items:

1. Resolution for Minnesota Association of Watershed Districts, Inc. to adopt assumed name of Minnesota Watersheds
2. Proposed Bylaws Changes
3. Delegate Form

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

We are looking forward to seeing you at this year's Legislative Briefing and Day at the Capitol!

PLEASE BRING THE SPECIAL MEETING PACKET WITH YOU. EXTRA COPIES WILL NOT BE AVAILABLE ON SITE. THANK YOU!!



Minnesota Association of Watershed Districts, Inc.
www.mnwatershed.org

MN Association of Watershed Districts, Inc. Special Meeting Notice

NOTICE IS HEREBY GIVEN that the Minnesota Association of Watershed Districts, Inc. will hold a special meeting at the Radisson Hotel - Capitol Ridge, St. Paul, MN, beginning at 3:30 p.m. on Wednesday, February 15 for the following purposes:

1. To consider and act upon the proposed resolution for Minnesota Association of Watershed Districts, Inc. to adopt assumed name of Minnesota Watersheds, and
2. To consider and act upon the proposed Bylaws changes.

Sincerely,

Wanda Holker
Secretary

MINNESOTA ASSOCIATION OF WATERSHED DISTRICTS

MAWD Resolution 2023-01

Resolution to Adopt Assumed Name of Minnesota Watersheds

WHEREAS, at its annual meeting on December 2, 2022, the membership of the Minnesota Association of Watershed Districts (MAWD) voted to approve the 10-Year Strategic Plan, which included changing the name of the organization to “Minnesota Watersheds” in order to accurately represent its membership;

WHEREAS, Minnesota law provides for nonprofit corporations and other entities to file a certificate of assumed name, whereby the organization would continue to operate under its Articles of Incorporation, Internal Revenue Service filings and for related purposes as Minnesota Association of Watershed Districts, Inc., and otherwise conduct its business under the assumed name of Minnesota Watersheds;

WHEREAS, pursuant to the Bylaws, the Secretary provided notice of a special meeting of the membership to consider and act upon a proposed resolution for Minnesota Association of Watershed Districts, Inc. to adopt the assumed name of Minnesota Watersheds, and to consider and act upon proposed amendments to the Bylaws;

WHEREAS, a majority of the members of the organization have determined that it is in the best interests of the organization and in furtherance of the 10-year Strategic Plan to conduct the business of the organization under the assumed name of Minnesota Watersheds to accurately represent the membership;

NOW, THEREFORE, BE IT RESOLVED that the Minnesota Association of Watershed Districts directs its executive director on advice of legal counsel to file a certificate of assumed name to conduct business under the name Minnesota Watersheds, and authorizes the executive director to undertake any other necessary actions to implement this direction and conduct business under the name Minnesota Watersheds, while maintaining the legal name of Minnesota Association of Watershed Districts under the Articles of Incorporation, Internal Revenue Service filings, and related purposes.

Wanda Holker, Secretary

February 15, 2023

BYLAWS

MINNESOTA ASSOCIATION OF WATERSHED DISTRICTS, INC.

Doing business as Minnesota Watersheds

St. Paul, Minnesota

ARTICLE I.

Offices and Corporate Seal

- 1.1 Official Name. The official name of the corporation is the Minnesota Association of Watershed Districts, Inc., which conducts business under the registered assumed name of, and is hereinafter referred to as, MAWD Minnesota Watersheds.
- 1.2 Purpose. The purpose of Minnesota WatershedsMAWD is to provide educational opportunities, access to information resources, interface with other agencies, facilitate tours, meetings, and lobby on behalf of members. Additionally, Minnesota WatershedsMAWD will facilitate the exchange of information to help members better comply with governmental regulations and laws while offering an informed interface with the community or communities being served. Minnesota WatershedsMAWD will work to secure the capacity of its members to implement their statutory powers and purposes.
- 1.3 Organized. The corporation is organized as a 501(c)(4) organization. Notwithstanding any provision of the Articles of Incorporation or Bylaws which may be interpreted to the contrary, Minnesota WatershedsMAWD shall not authorize or undertake any actions which jeopardize its status as a 501(c)(4) organization.
- 1.4 Office. The registered office of the corporation shall be designated by the Board of Directors.
- 1.5 Corporate Seal. The corporation shall have no corporate seal.
- 1.6 Manual of Policy and Procedures. The Board of Directors has established a management document identified as Manual of Policy and Procedures to support the orderly and timely details of regular operation. It may be revised at any time by a majority vote of the Board of Directors.

ARTICLE II.

Membership

- 2.1 Membership. Each dues-paying watershed district or water management organization duly established and in good standing pursuant to Minnesota Statutes, Chapter 103B or 103D, shall be entitled to membership in this corporation.
- 2.2 Delegates. Alternates. When a watershed district or watershed management organization becomes a member of this corporation, it shall designate from among its board members two delegates to represent it in this corporation. In addition, each member may designate alternate delegates to represent such member in the absence of any originally designated delegate. Thereafter, each member shall annually designate its delegates and alternate delegates so long as it remains a member in good standing of this corporation.

- 2.3 Termination of Membership. Any member that has failed to pay its dues is not in good standing and shall be stricken from the membership roll.
- 2.4 Resignation of Member. Any member may withdraw from this corporation effective immediately by notifying the secretary in writing. Regardless of the date of termination, there shall be no refund of the annual dues paid by the member.
- 2.5 Associate Membership. The Board of Directors may from time to time extend associate membership to this corporation upon payment of dues as determined by the Board of Directors. An associate member shall not be entitled to submit resolutions, vote, or serve on the Board of Directors, but shall otherwise be afforded all the rights and privileges granted to members, their delegates and alternate delegates by law and by the Articles of Incorporation and Bylaws of this corporation.

ARTICLE III.

Meetings of Membership

- 3.1 Annual Meeting. An annual meeting of this corporation shall be held to vote for the election of the Board of Directors and to transact such other business as shall properly come before them. Notice of the time and place of such annual meeting shall be mailed, either physically or electronically, by the secretary to all members at least thirty (30) days in advance thereof.
- 3.2 Special Meeting. Special meetings of the members of the corporation shall be called by the president upon request of a majority of directors of the Board of Directors or upon the written request of one-third of the members of the corporation in good standing. This request shall be in writing addressed to the president or the secretary of the corporation. Within thirty days of receipt of said request, the Board of Directors shall, mail (either physically or electronically) notice of said special meeting to all members. This notice shall state the objective of the meeting and the subjects to be considered.
- 3.3 Quorum. A majority of the delegates (two per member) shall constitute a quorum for the transaction of business.
- 3.4 Voting. Any action taken by the members shall be by majority vote of the delegates present unless otherwise specifically provided by these Bylaws. Each member shall be entitled to one (1) vote for each delegate present.

ARTICLE IV.

Board of Directors

- 4.1 General Powers. The business activities of the corporation shall be directed and managed by the Board of Directors. The Board of Directors shall be authorized to pay officers and directors of the corporation per diem allowances and expenses as may from time to time be submitted to the Board of Directors, and such other expenses as may from time to time be necessary for the furtherance of the corporation's business, consistent with the rate and provisions of watershed board member per diem allowances and expense reimbursement provided in state law. The Board of Directors is authorized to hire and/or contract for services needed.
- 4.2 Directors to be Elected by Regions. For the purpose of election of the Board of Directors, members are grouped into three regions; three Directors shall be elected from each region, with staggered three-year terms. Members from each region shall elect one director for a three-year term at the annual meeting of the Association. No watershed district or watershed management organization

shall have more than one board member elected to be a Director on the Board of Directors of the Corporation. In the event of a vacancy on the Board of Directors, the Board of Directors may appoint a member for the remaining term from a watershed district or watershed management organization with an existing representative on the Board of Directors if there are no other candidates from the region requesting appointment to the position. In the event a vacancy is filled by the Board of Directors, such appointment shall be submitted to the regional caucus for approval at the next regional caucus meeting. Regional caucuses shall elect a Chairman and Recording Secretary from its delegates for the purpose of its election procedure and report the election results to the Convention at a designated time. The member watershed districts and watershed management organizations present at the Regional Caucus meeting shall have full authority to elect a Chairman, Recording Secretary, and representatives to the Board of Directors.

- 4.3 Regions. The Board of Directors may re-align the regions or the members contained therein, it being the intent and purpose that each region contain the approximate same number of members. Any watershed district or watershed management organization in Minnesota not presently a member of this corporation, upon admission to membership, will be assigned to a region by the Board of Directors. Regional membership shall be listed in the ~~Policy and Procedure Manual~~ of Policy and Procedures.
- 4.4 Number, Qualification, and Term of Office. The number of directors constituting the board shall be nine. Each director elected at the annual meeting shall be elected for a three-year term. Directors shall be on the board of a watershed member in good standing of this corporation.
- 4.5 Vacancies. If there be a vacancy among the officers of the corporation or among the directors by reason of death, resignation, termination of membership, or removal as provided by law, the Articles of Incorporation, or these Bylaws, or otherwise or for non-excused absences for three consecutive meetings, such vacancy shall be filled by the Board of Directors until the next Annual Meeting of the Association.
- 4.6 Removal of Directors by Members. At a special meeting of the Board of Directors called solely for that reason, the notice of which meeting shall have been given in writing to members of this board at least thirty days prior thereto and not more than fifty days prior thereto, a super majority of 7 members of this board may remove one or more directors from their term of office without cause.
- 4.7 Meetings. Actions. The Board of Directors shall hold the annual meeting of the Board of Directors immediately after the annual meeting of the members of this corporation, and at such annual meeting shall elect the officers as above provided for. Regular meetings of the Board of Directors shall be held at a time and place to be fixed by resolution or adopted by the majority of the Board of Directors.

The majority of the Board of Directors shall constitute a quorum. Directors may participate and vote in Board of Directors meetings by telephone or other electronic means approved by the Board in the Manual of Policy and Procedures.

Actions may be taken by a majority vote of those Directors present or participating by telephone or other electronic means approved by the Board in the Manual of Policy and Procedures. The secretary of the board shall give written or electronic notice to each director at least ten (10) days in advance of any regular or special directors' meeting. Special meetings may be called at the discretion of the President of the board or upon demand in writing to the secretary by three (3) directors of the Board of Directors.

- 4.8 Conflicts of Interest. Members of the Board of Directors shall act at all times in the best interests of the corporation. This means setting aside personal self-interest and performing their duties in transacting the affairs of the corporation in such a manner that promotes public confidence and trust in the integrity, objectivity, and impartiality of the Board. No Director shall directly or indirectly receive any profit from his/her position as such, and Directors shall serve without remuneration other than as provided in Section 4.1 of these Bylaws for the payment for reasonable expenses incurred by them in the performance of their duties. The pecuniary interests of immediate family members or close personal or business associates of a Director are considered to also be the pecuniary interest of the Director.
- 4.9 Indemnification. All directors and officers of the corporation shall be indemnified against any and all claims that may be brought against them as a result of action taken by them on behalf of the corporation as provided for and subject to the requirements of Chapter 317A of Minnesota Statutes as amended.

ARTICLE V. Board Officers

- 5.1 Officers and Duties. There shall be four officers of the board, consisting of a president, vice-president, secretary and treasurer. All officers shall be directors of the corporation. Their terms and duties are as follows:
- 5.2 President. The president shall serve a term of office of one year and may, upon re-election succeed himself/herself for two additional successive terms. The president shall have the following duties:
- Convene and preside over regularly scheduled board meetings.
 - Have general powers and duties of supervision and management as directed by the Manual of Policy and Procedures.
 - Appoint such committees as he/she shall deem necessary with the advice and consent of the Board of Directors.
- 5.3 Vice-President. The Vice-President shall serve a term of office of one year and may, upon re-election succeed himself/herself for two additional successive terms. The Vice-President shall have the following duties:
- Assume and perform the duties of the president in case of his/her absence or incapacity; and shall chair committees on special subjects as designated by the President.
 - Have general powers and duties of supervision and management as directed by the Manual of Policy and Procedures.
- 5.4 Secretary. The Secretary shall serve a term of office of one year and may, upon re-election succeed himself/herself for two additional successive terms.
- The Secretary shall be responsible for preparing and keeping all records of board actions, including overseeing the taking of minutes at all board meetings, sending out meeting announcements, distributing copies of minutes and the agenda to each board member, and assuring that corporate records are maintained.
- 5.5 Treasurer. The Treasurer shall serve a term of office of one year and may, upon re-election succeed himself/herself for two additional successive terms.

The treasurer shall chair the finance committee, maintain account of all funds deposited and disbursed, disburse corporate funds as designated by the Board of Directors, assist in the preparation of the budget, collect membership dues, and make financial information available to board members and the public.

ARTICLE VI.

Fiscal Year, Dues and Annual Review of Financial Procedures

- 6.1 Fiscal Year. The fiscal year of the corporation shall end on September 30 each year.
- 6.2 Membership Dues. Dues will be determined annually by the Board of Directors as specified in the ~~Policies and Procedures~~ Manual of Policy and Procedures.
- 6.3 Annual Dues. Annual dues shall be payable in January of each year. If a member's dues are not paid on or before April 30 of each year, such member's name shall be stricken from the membership roll. Reinstatement shall be upon such terms and conditions as prescribed by the Board of Directors.

The Board of Directors shall have the authority to suspend or defer dues of any newly organized watershed district or watershed management organization that joins this association until such member watershed district or watershed management organization is in actual receipt of its first authorized fund. The Board shall send out the annual dues statement with payment directed to ~~Minnesota WatershedsMAWD's~~ accounting firm. The Board of Directors may consider deferring, suspending, or reducing dues to new members or on an individual case basis when an appeal is made by a member because of hardship or funding problems.

- 6.4 Annual Review of Financial Procedures. The Board of Directors of this corporation shall provide for an annual review of financial procedures of all its resources and expenditures. A full report of such review and financial status shall be furnished at each annual meeting of the members. This review will be conducted by an auditing firm selected by the Board of Directors with experience in the field of government and water management. The review results shall be furnished to all members within forty-five days after receipt thereof by the Treasurer.

ARTICLE VII.

Employees

- 7.1 Employees. At the discretion of and under the direction of the Board of Directors, ~~Minnesota WatershedsMAWD~~ may choose to hire and administer various employees. Their positions and job expectations shall be individually developed and included in the ~~Policies and Procedures~~ Manual of Policy and Procedures.

ARTICLE VIII.

Resolutions and Petitions

- 8.1 Resolutions: The Chair of the ~~Minnesota WatershedsMAWD~~ Resolutions/~~Policy~~ Committee will send a request for resolutions, along with a form for submission, to the membership at least ~~3~~ three months prior to the annual ~~Minnesota WatershedsMAWD~~ membership meeting. Resolutions and their justification must be submitted to the ~~Minnesota WatershedsMAWD~~ Resolutions/~~Policy~~ Committee in the required format at least ~~2~~ two months prior to the annual ~~Minnesota WatershedsMAWD~~ membership meeting for committee review and recommendation. The committee will present these resolutions and their recommendations to the Board of Directors and the ~~Minnesota WatershedsMAWD~~ membership at least ~~1~~ one month prior to the start of the annual

[Minnesota WatershedsMAWD](#) membership meeting. The Board of Directors may make additional recommendations on each proposed resolution through its board meeting process. This same procedure will be used when policy issues are to be considered at any special [Minnesota WatershedsMAWD](#) membership meeting.

- 8.2 Petitions: Any member or group of members may submit to the Board of Directors at any time a petition requesting action, support for, rejection of, or additional information on any issue of potential importance to the members. Such petitions require signed resolutions from at least 15 members before a Special meeting of the membership will be convened.

ARTICLE IX.

Chapters

- 9.1 Chapters. Members may form chapters to further the purposes stated in Article II of the Articles of Incorporation, to carry out policies of the Board of Directors, and to suggest policies for consideration by the [Board of Directors](#).

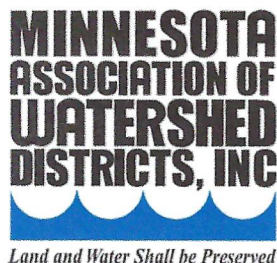
ARTICLE X.

Rules of Order

- 10.1 Rules. When consistent with its Articles of Incorporation and these Bylaws, the 12th edition of Robert's Rules of Order Newly Revised shall govern the proceedings of this corporation. For consistency in operation, a copy shall be available for consultation if requested at every scheduled meeting of the and Membership meetings.

ARTICLE XI. Amendments

- 11.1 Amendments. These Bylaws may be amended by a majority vote of the members of this corporation only as provided below.
- 11.2 Annual Meeting. At the annual meeting of the members of this corporation, the Bylaws may be amended by the majority of the members present if there is a quorum at said annual meeting and due notice has been given to the membership of the changes 30 days in advance of the meeting.
- 11.3 Special Meeting. These Bylaws may be amended by the members at a special meeting called for that reason but only by a majority vote of the entire membership of the corporation, and only if there has been thirty days' written notice to all members of such special meeting. Such special meeting may be called upon the request of one-third of the members of this corporation by notice in writing to the secretary or president, which notice shall ask for said special meeting and shall state the proposed Bylaws changes, and upon receipt of such request, the secretary or president must send written, either by mail or electronically, notice of the meeting to the members of this corporation within thirty days of receipt of such request, which shall be not less than thirty days nor more than fifty days of the date of the written notice.



Minnesota Association of Watershed Districts, Inc.
www.mnwatershed.org

MN Association of Watershed Districts, Inc. 2023 Delegate Appointment Form

The _____ hereby certifies that it is
name of watershed organization
a watershed district or watershed management organization duly established and in
good standing pursuant to Minnesota Statutes 103B or 103D and is a member of the
MN Association of Watershed Districts, Inc. (MAWD) for the year 2023.

The _____ hereby further certifies
name of watershed organization
the following individuals have been appointed as delegates, or as an alternate
delegate, all of whom are managers in good standing with their respective
watershed district or watershed management organization.

Delegate #1: _____

Delegate #2: _____

Alternate: _____

Authorized by: _____
Signature Date

Title

** Please return this form to mnwatershed@gmail.com at your earliest convenience. **

Project and Program Status Reports

Memorandum

To: Board of Managers and Staff
From: Tina Carstens and Brad Lindaman
Subject: Project and Program Status Report – January 2023
Date: January 26, 2023

Note: *The location, brief description, and current status of each project described below can be found on the [2023 RWMWD engineering services story map](#).*

Project feasibility studies

A. Interim emergency response planning for district areas at risk of flooding (Barr project manager: Gareth Becker; RWMWD project manager: Tina Carstens)

The purpose of this project is to provide information and guidance to cities throughout the district about how to protect low-lying habitable structures from flooding during the 100-year storm event. These emergency response plans address areas for which there is 1) not currently a feasible project that has been identified to protect structures or 2) a project that cannot be implemented in the near future due to logistical and/or budgeting reasons. This effort is an outcome of the Beltline resiliency study. This project will extend into 2022.

Barr has created plan sheets for placing emergency flood risk mitigation measures and has met with the district to present the set of figures. In February, we will split figures by municipality and develop a memo for each to aid in presenting to each city's staff. Any needed edits will be made to the designs/figures, and Barr will begin working directly with city representatives to communicate the plans to potentially impacted individuals and answer questions about implementation.

B. Kohlman Creek flood risk reduction feasibility study (Barr project manager: Brandon Barnes; RWMWD project manager: Tina Carstens)

The purpose of this study is to complete a feasibility evaluation of modifications to reduce flood risk along Kohlman Creek to remove structures from the 100-year floodplain. Work includes coordination with the cities of Maplewood and North Saint Paul, evaluation of alternatives to reduce flood risk, preparation of cost estimates for each alternative, and identification of permitting requirements. This project focused primarily on areas surrounding PCU Pond and the wetland complex west of White Bear Avenue. This feasibility study is a follow-up study of flood-prone areas identified in the Beltline resiliency study.

The Kohlman Creek flood risk reduction feasibility study focuses on concept development of the types of system improvements near PCU Pond that the city would support and that would complement North Saint Paul's other ongoing studies. The city's study is being conducted in parallel with the Kohlman Creek/Wakefield Lake diversion study (upstream of PCU Pond and the North Saint Paul Urban Ecology Center), so system modifications around PCU Pond will not be further developed until later in 2023.

when the Kohlman Creek/Wakefield Lake diversion concept is better defined and resulting design flows are determined.

Barr has provided the district's stormwater model to the City of North Saint Paul for reference in the city's flood risk reduction study. After learning about the city's planned approach for flood risk mitigation in these areas, Barr will begin evaluating potential flood risk mitigation options for PCU Pond and the wetland complex west of White Bear Avenue.

This month, Barr and the RWMWD met with North Saint Paul to discuss the city's ongoing flood risk reduction study and identify opportunities to collaborate in 2023, including public engagement and outreach. Following the meeting, Barr shared the current version of the RWMWD stormwater model and GIS files of habitable structures that the district surveyed in 2022.

C. Kohlman Creek/Wakefield Lake diversion feasibility study (Barr project manager: Brandon Barnes; RWMWD project manager: Tina Carstens)

The purpose of this study is to complete a feasibility evaluation of modifications to reduce flood risk on Kohlman Creek by diverting high flows to the historic County Ditch 17. Work includes coordination with stakeholders, evaluation of alternatives to reduce flood risk, preparation of cost estimates for each alternative, and identification of permitting requirements. This feasibility study is a follow-up study of a flood-prone area identified in the Beltline resiliency study.

This month, Barr and RWMWD staff met with the county and the county's contractor to discuss site constants for flood risk reduction modifications. County staff provided updated direction regarding potential ponding locations on the golf course. Following discussions with county staff, Barr started incorporating revisions to the district's stormwater model to incorporate larger BMPs to lower peak water-surface elevations on Kohlman Creek.

This month, Barr reviewed alternatives for increasing the size of the diversion as well as corresponding changes to pond size in the golf course. We met with the RWMWD to review results and discuss next steps for coordinating with the county.

In February, Barr will prepare a memorandum documenting existing constraints, diversion sizes, and impacts to inundation extents for the RWMWD to review. We will also review the water quality monitoring data that the RWMWD collected.

D. County Ditch 17 improvements feasibility study (Barr project manager: Brandon Barnes; RWMWD project manager: Tina Carstens)

The purpose of this study is to complete a feasibility evaluation of modifications to reduce flood risk northeast of Wakefield Lake along historic County Ditch 17 to remove structures from the 100-year floodplain. Work includes coordination with the City of Maplewood, evaluation of alternatives to reduce flood risk, preparation of cost estimates for each alternative, and identification of permitting requirements. This feasibility study is a follow-up study of a flood-prone area identified in the Beltline resiliency study.

The feasibility study was presented to the RWMWD managers at the January meeting. In 2023, Barr will work with the City of Maplewood to communicate flood risk to property owners.

E. Phalen Village feasibility study (Barr project manager: Brandon Barnes; RWMWD project manager: Tina Carstens)

The purpose of this study is to complete a feasibility evaluation of modifications to reduce flood risk near Phalen Village north of Lake Phalen to remove structures from the 100-year floodplain. Work includes coordination with the City of Maplewood, evaluation of alternatives to reduce flood risk, preparation of cost estimates for each alternative, and identification of permitting requirements. This feasibility study is a follow-up study of a flood-prone area identified in the Beltline resiliency study.

The feasibility study was presented to the RWMWD managers at the January meeting. In 2023, Barr and the RWMWD will work with the City of Maplewood to incorporate system modifications in the city's street improvement project that mitigate existing flood risk.

F. Ames Lake area flood risk reduction planning study (Barr project manager: Brandon Barnes; RWMWD project manager: Tina Carstens)

The purpose is to complete a planning-level evaluation of modifications to reduce flood risk near Ames Lake, supported by the City of Saint Paul. Work includes coordination discussions with Saint Paul; review of potential pipe alignments, land acquisition costs, utility conflicts, and permitting issues; and related design. If the planning study identifies projects that impact regional drainage, a feasibility study will be completed in 2023. This planning study is a follow-up study that was identified in the Beltline resiliency study.

The study was presented to the RWMWD managers at the January board meeting. Barr is preparing a scope summary for the detailed feasibility study, including additional coordination with the Saint Paul Housing and Redevelopment Authority, which will occur in 2023. We anticipate sharing the scope summary with the RWMWD managers at the March board meeting.

G. Owasso Basin area/North Star Estates improvements (Barr project manager: Sam Redinger; RWMWD project manager: Tina Carstens)

The purpose of this study is to evaluate the benefit-cost of flood risk reduction strategies in the Owasso Basin/North Star Estates area by reviewing potential pipe and berm alignments, land acquisition costs, utility conflicts, permitting issues, and related design as well as construction and long-term maintenance costs associated with each alternative that achieves the project objective of removing habitable structures from the floodplain in this area. Stakeholder outreach with the City of Little Canada is an important part of this effort. This study is a continuation of the Owasso Basin bypass study, which laid out several phases of implementation and areas of further study.

Barr drafted a technical memorandum to summarize the flood risk reduction alternatives evaluated in and around North Star Estates and Owasso Basin. The document was emailed to the RWMWD and is in the final stages of review. Once review is complete, Barr will finalize the document and share it with the RWMWD board. On January 11, Barr and the RWMWD presented the information in the draft memo to the City of Little Canada at the city's January council workshop meeting. The council was supportive of the efforts and appreciated the information. The memo will serve as the basis for the preliminary design of improvements to the area.

H. Double Driveway Pond optimization study (Barr project manager: Tyler Olsen; RWMWD project manager: Tina Carstens)

The purpose of this study is to evaluate the benefit-cost of water quality improvements in Double Driveway Pond in the Fish Creek subwatershed. These improvements will be targeted at sediment reduction strategies that will benefit downstream Fish Creek, which is considered impaired by excess sediment. An important part of this study is tying strategies to the findings of a current Department of Agriculture study (currently under review) that is assessing the water quality of runoff from upstream areas.

The board approved the scope summary for Double Driveway Pond at the special board meeting in January. The scope includes an erosion inventory of the creek, coordination with the Minnesota Department of Agriculture to dredge Double Driveway Pond, vegetation restoration, and targeted stream restoration. Barr completed the erosion inventory of the tributary creek (task 1) and developed a memo summarizing results and design recommendations.

Additionally, we completed a conceptual alternatives analysis for additional dredging of Double Driveway Pond. Because the Bailey team is dredging the pond to its original design depth from 2014, Barr determined that any additional dredging would not provide significant added benefit. Therefore, we are working with the Bailey team to develop a temporary restoration plan to facilitate the enhanced restoration to be completed later in spring/summer 2023.

I. Carver Ponds improvements study (Barr project manager: Tyler Olsen; RWMWD project manager: Tina Carstens)

The purpose of this study is to characterize the water quality in the Carver Ponds in the Fish Creek subwatershed and to evaluate the benefit-cost of water quality improvements to the ponds. These improvements will be targeted at internal loading of nutrients in the pond, as well as potential external sediment and nutrient loading. The goal will be to inform design solutions to be implemented in the ponds.

There was no new activity this period. Barr will work with the RWMWD to determine monitoring needs in 2023.

J. Evaluation of compliance with South Metro Mississippi River total suspended solids (TSS) total maximum daily load (TMDL) (Barr project manager: Tyler Olsen; RWMWD project managers: Eric Korte, Nicole Soderholm)

The purpose of this study is to evaluate the RWMWD's compliance with the South Metro Mississippi River TSS TMDL. As a regulated municipal separate storm sewer system (MS4), the district is required to meet the waste load allocations (WLA) of 154 pounds of TSS per acre per year. The WLA is applicable to the RWMWD for the Saint Paul Beltline Interceptor and its contributing drainage area, as the district owns and operates the infrastructure.

There was no new activity this period. Barr will continue working with the RWMWD and the Minnesota Pollution Control Agency to evaluate the TSS data for 2023 TMDL reporting requirements.

Research projects

K. Kohlman permeable weir test system (Barr project manager: Keith Pilgrim; RWMWD project manager: Bill Bartodziej)

The objective of this current investigation is to design a full-scale permeable weir treatment system for installation in the Kohlman Basin.

The research portion of this project is complete, and the expanded treatment element is to be constructed as a part of the 2023 CIP maintenance and repairs project. The site is planned for April. Next month, this research section will be removed from the project status report.

L. Shallow lake aeration study (Barr project manager: Keith Pilgrim; RWMWD project manager: Bill Bartodziej)

The purpose of this study is to evaluate the potential effectiveness of aeration in shallow lakes by studying the effect of aeration in three smaller shallow systems (Markham Pond, Bennett Lake, and Gervais Mill Pond) in detail during 2021 and 2022. This approach is being pursued as an alternative to whole-lake alum treatments.

An interim report was completed in December. Monitoring recommendations for next year will be provided in the first quarter of 2023 in anticipation of the spring and summer sample collection efforts.

Capital improvements

M. Woodbury Target store stormwater retrofit projects (Barr project manager: Katie Turpin-Nagel; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to design, provide bid assistance for, and oversee construction of BMP retrofits at two Target retail stores.

Throughout December and early January, Barr developed various concept design layouts, performed minimum impact design standards (MIDS) water quality modeling, and drafted cost estimates for the stormwater retrofit options. The concept design layouts, model results, and cost estimates were shared with Paige Ahlborg at a January 9 meeting, during which a preferred concept design layout was selected. The details will be presented to Target Corporation in mid-February. We are awaiting schedule details from Target.

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

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

Existing-conditions models are being updated for Roosevelt Homes, which is owned by the Saint Paul Public Housing Authority. Preliminary concepts are being developed to present the owner with options and show how projects could be phased in over time. Barr and the RWMWD anticipate coordinating with the City of Saint Paul to help inform improvements.

O. Stewardship grant program support (Barr project manager: Marcy Bean and Michael McKinney; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to a) provide BMP design and review services to cost-share applicants throughout the RWMWD on as-needed basis and b) support development of the stewardship grant program.

Woodland Hills Church in Maplewood is partnering with *Settled* to build and temporarily locate “tiny homes” in an underutilized parking lot, using the space as a model for tiny home communities. Barr is developing preliminary concepts for stormwater management alongside pavement removal in the parking lot. Preliminary stormwater calculations and spatial diagrams are being developed to help determine the potential for grant funding in 2023.

The street sweeping initiative undertaken in 2022 will be pursued as a feasibility study in 2023 with the purpose of assisting the District’s next steps in supporting member cities with targeted street sweeping activities.

P. Lake Emily subwatershed regional BMP (Barr project manager: Leslie DellAngelo; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to complete final design, plans, and specifications for a regional stormwater BMP in the Lake Emily subwatershed with the purpose of decreasing phosphorus loads to Lake Emily, which is deemed to be at risk of impairment from excess nutrients.

Last period, Barr finalized conceptual designs for both the Arbogast Street and the Vivian Avenue/Cobb Street sites to a 30-percent design level using additional survey information collected in the field, geotechnical information obtained from site soil borings and laboratory testing, additional hydrologic and hydraulic modeling, and water quality modeling. We also finalized the 30-percent engineer’s opinion of probable cost and cost-benefit for each project. The managers approved moving forward with the Arbogast underground filter design at their special January meeting. Barr will complete final design, plans, and specifications for the project later this spring.

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

The purpose of this project is to design and implement a stormwater reuse irrigation system in Pioneer Park to conserve groundwater and reduce phosphorus loading to downstream water bodies, in partnership with the City of Little Canada.

Barr and the RWMWD prepared for and attended a Little Canada parks commission meeting on January 5 and a city council meeting on January 12 to present the proposed Pioneer Park stormwater reuse project. Both the parks commission and the city council were in support of the project. We prepared for and attended a virtual meeting on January 10 with Little Canada parks maintenance staff to discuss operations and maintenance questions about the stormwater reuse system. In response to requests from the Board of Water and Soil Resources regarding the wetland delineation and in follow-up to comments and questions from Little Canada parks maintenance staff, Barr conducted a survey of the pond outlet and its current water level as well as the pond’s maximum depth. We are currently setting up the project plan set framework and refining the system evaluations and optimization based on recent information and conversations with the city.

CIP project repair and maintenance

R. Beltline and Battle Creek inspection (Barr project manager: Brad Lindaman, RWMWD project manager: Dave Vlasin)

The purpose of this project is to maintain the existing Beltline and Battle Creek tunnel systems and infrastructure owned and operated by the RWMWD.

In January, Barr will evaluate findings to develop the inspection report, which will be complete in February/March 2023.

S. 2023 CIP maintenance and repair project (Barr project manager: Gareth Becker; RWMWD project manager: Dave Vlasin)

The purpose of this project is to maintain existing systems and infrastructure owned and operated by the RWMWD and to assist and facilitate stormwater pond cleanouts to allow other public entities to meet their MS4 requirements.

Work started on January 10 with removal of snow at access points for the anticipated pond cleanout sites. Miller Excavating, Inc. completed the NPDES application and received permit authorization. The 2023 CIP work will begin with pond cleanouts; Miller will start at Aspen Pond in Little Canada on January 25 and continue with the excavation of the Woodbury ponds the week after. Since work is just beginning, no progress payment application will be submitted for the February meeting

T. 2023-2025 BMP maintenance program (Barr project manager: Marcy Bean; RWMWD project manager: Paige Ahlborg)

The purpose of this project is to maintain the RWMWD's existing vegetated BMPs.

Barr and the RWMWD have developed a request for qualifications to form a pool of qualified landscape maintenance contractors to provide maintenance services for the existing vegetated BMPs in the district. This effort was initiated in 2015 as a pilot program to support grantees and project partners with vegetation maintenance for up to two years post-construction. School-based BMPs are maintained on a longer-term basis. In 2023, 23 sites will be maintained as part of this program.

In March, the board will review Barr and the RWMWD's recommendations to award contracts to select contractors within the pool of applicants.

U. New technology review (Barr project manager: Marcy Bean; RWMWD project manager: Tina Carstens)

Edible Plants in Native Plant Community Restorations

Natural History	Edible plants constitute a large portion of native plant communities. Native plants feed an abundance of wildlife while also producing foods that were historically consumed by indigenous people. Throughout Minnesota, indigenous people have a long history of foraging for strawberries, blueberries, raspberries, blackberries, wild plum, currants, gooseberries, crab apples, ground plum, wild leeks, wild rice, hazelnut, acorns, wild mushrooms, and more.
Restoration Projects within the District	Native plants are implemented on nearly all District projects where the ground is disturbed, and planting is required. Goals of these projects are typically to increase biodiversity by introducing a diversity of plants (shrubs, trees, grasses, wildflowers, sedges, and ferns) and to support pollinators and wildlife. These plants also work to improve stormwater infiltration, sequester carbon dioxide, build soil health, and provide aesthetic improvements to project sites. Food production can be added to the list- by

	planting native food-producing species such as those mentioned above, people can forage for nutritious supplements to their diet on appropriately-chosen project sites.
Foraging	<p>Foraging has recently become popular as an outdoor activity and as a way to diversify one's diet. It involves walking the land during different times of the year to gather herbs, berries, nuts, roots, flowers, buds, foliage, seeds, mushrooms, and more. The plants that are gleaned are typically perennial and survive harvest to produce again.</p> <p>Special consideration should be given to whether (or whether not) a given project site is an appropriate place to invite foraging. Too much foot traffic in popular areas could damage plantings and over-harvesting could limit future food production. Also, it may be undesirable to invite visitors for certain types of sensitive sites in certain areas. This option should be considered on a case-by-case basis.</p>
Non-native edibles	<p>If project goals call for it, edible non-native plants could also be included in a restoration project. Perennial (as opposed to annual) non-native plants would be the best choice in these projects in order to keep maintenance costs low. Non-native, perennial species that could be planted include asparagus, rhubarb, perennial onion, currants, gooseberries, raspberries, and fruit trees such as apple, pear, and cherry. Nut-producing shrubs and trees could also be considered.</p> <p>If gardening annual vegetables (carrots, spinach, peppers, etc.) are a project's goals, it would be best to implement these plants into something like a community garden space. That way a plot of land could truly be productive and maintenance requirements could be enforced. Water and other gardening essentials could be provided to assist gardeners.</p>
Conclusion	<ul style="list-style-type: none">• Harvesting native plants for human consumption has occurred since people first arrived in what is now Minnesota.• Native plants are part of most District projects, and these plants could be made available for foraging on appropriate sites.• Perennial non-native food-producing plants could be introduced into a restoration project. It might be advisable to call such a project a "sustainable landscape project" as opposed to a "restoration project" to be most accurate as to the intent of the project.• If there is a desire to grow annual vegetables (tomatoes, potatoes, beans, etc.), concentrating plants and other amenities into a community garden space (as opposed to dispersed plantings) is advised.

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Wild indigo growing at Ames Lake in St. Paul (a 2003 RWMWD restoration project). Native Americans used this plant to treat cuts and reduce fevers. The bur oak in the background was a source of acorns that were ground into a flour.

V. Natural Resources Update – Bill Bartodziej and Matt Doneux

Gervais Mill Pond Aeration – update

Last winter, we detected extremely low dissolved oxygen levels (0.3 mg/L) in Gervais Mill Pond. Gamefish species like largemouth bass and bluegill sunfish require at least 4.0 mg/L of dissolved oxygen to sustain populations over the winter. Rough fish species like the common carp can tolerate lower oxygen levels. However, last winter, even juvenile carp were not able to survive in this system. During ice-out, in early April, we observed hundreds of dead carp (4" to 10") floating on the water surface near the creek inlet on the southwest side of the southern pond lobe. This observation confirmed that Gervais Mill Pond was a carp nursery area.



Hundreds of dead juvenile carp on Gervais Mill Pond – April 2022.

Fish stocking

As we reported last fall, the major carp kill provided an excellent opportunity to reset the fish community in the pond system. We contacted DNR, and the regional fisheries manager was happy to partner on the project. Gervais Mill Pond was stocked with adult bluegill sunfish in the spring of last

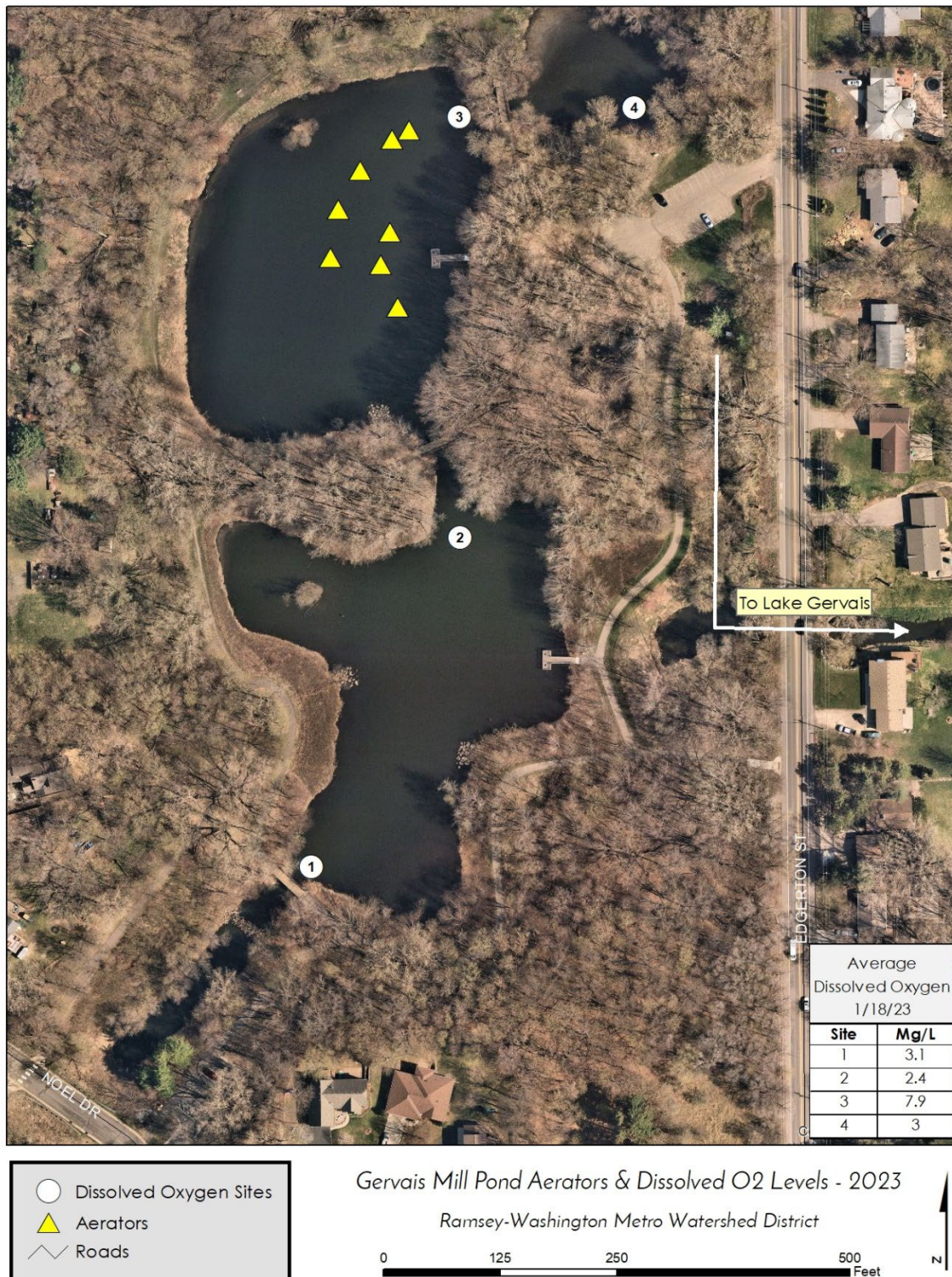
year. We are happy to report that fall netting revealed a robust sunfish population heading into winter. Sustaining this native fish population will effectively control carp recruitment (sunfish are voracious feeders of carp eggs).

The Aeration System

The pumps and diffusers were installed last fall and the system was in operation on December 27th, 2022. The setup is functioning properly and open water areas have formed above each bubble diffuser. Thin ice signs encircle these areas, and the NR team checks the pump system and the signs on a weekly basis. We conducted dissolved oxygen (DO) sampling on January 18th and the results were quite encouraging. In the central lobe with aeration, DO readings averaged 7.9 mg/L, while areas without aeration had mean levels between 2.4 and 3.1 mg/L (see map below). The central Mill Pond lobe should provide a refuge with ample DO for bluegill sunfish and other gamefish species. We plan to continue to monitor DO levels in the pond on a monthly basis.



Gervais Mill Pond aeration system – January 23rd, 2023.



W. Public Involvement and Education Program – Sage Passi

Destination Native Plants: Woodbury High School and Lionsgate Academy



“Winter Is Tough in Minnesota”



In January, we kicked off the year 2023 by doing seed stratifying with two classes at L’Etoile du Nord, five science classes at Lionsgate Academy in Shoreview for use in their large-scale native plantings in their open space and with the environmental club at Woodbury High School who will be creating a prairie garden on their school grounds this spring. That brought our totals to sixteen classes and one club who have done this hands-on activity with us this winter. Thank you to Mitch Thomsen, science teacher at Mounds Park for sharing his great slide show, “Winter is Tough” for our older classes. In return, we will provide his classes with an array of stratified seeds to plant and grow into seedlings to fill in their large-scale prairie and rain garden buffer areas in the spring. We like introducing students to two new terms, illustrated in detail in the slide show. They are abscisic acid and gibberellic acid, two plant hormones that help slow down or start up the germination process. In our presentation, we compare these scientific terms to the brakes and accelerator in a car and have students physically demonstrate their roles in germination.

Thank you to Ramsey County Master Gardeners, Barbara Brockway, Kerry Morgan, Bill Brian, (photo below left), Barbara Le Tourneau, Jan Fransen and Donna Anderson for their support with these classes in January!

Our time-tested puppet show served as an intro for this seed-starting activity with younger students. It was a big hit with third and fourth graders (center photo below).



Storm Drain Adoption Grows (Even in the Winter!)



Ben Hovland, a photojournalist for MPR recently tweeted a video of himself clearing a storm drain this month that went viral. Since then, CleanWater MN saw an uptick in adoptions, with 68 adoptions in 4 days alone in January. Ann Zawistoski, Research and Communications Consultant for the Center for Global Environmental Education (CGEE) reported this to Watershed Partners members via email, commenting, "That's really big for January, since during this month there is usually on average about 75 adoptions for the whole month in the whole program! Kare 11 picked up on the story and interviewed Ben. They commented, "Many neighborhood heroes have stepped up to rescue storm drains from ice and debris and that is worth celebrating!"

Here's the link to Ben's interview:

<https://www.kare11.com/video/news/local/breaking-the-news/minnesota-nice-we-lead-the-way-in-storm-drain-adoptions/89-b7bfbaea-79d9-4d25-9054-6a3527fc7ae9>

Thank you to the storm drain adopters in RWMWD who adopted five drains in January, 2023 that drain to Lake Phalen, Grass Lake, Gervais Creek and Carver Lake and those who have been making a difference all year!

As of late December 2022, RWMWD had a total of 534 participants in the Adopt-A-Drain program. One hundred thirty-one new drains were adopted in 2022, bringing our watershed district's total to 958 drains adopted by the end of 2022. We had 73 new participants in the program this year. The top six subwatersheds that have the largest number of storm drain adopters are the St. Paul Beltline, Lake Phalen, Willow Creek, Lake Owasso, Battle Creek and Grass Lake (Shoreview). Here is the breakdown of total adoptions of drains by city:

St. Paul 458
Shoreview 130
Roseville 109
White Bear Lake 92
Maplewood 49
North St. Paul 35
Oakdale 32
Woodbury 31
Little Canada 13
Vadnais Heights 11



X. Communications and Outreach Program Report – Lauren Hazenson

Content Creation

Stewardship Grant Marketing Campaign

Last year we conducted a targeted online marketing campaign to areas with traditionally lower Stewardship Grant sign-ups, paired with community engagement measures such as an open house in East St. Paul. Both efforts successfully engaged the targeted audience, and we are looking to expand these efforts this year.

In concert with online marketing efforts, we are looking into lower-cost ad placement in areas where it would reach our target audience, which includes areas of the east metro, including St. Paul and Woodbury, with the possible inclusion of Roseville on the west side. Other areas of the district have seen better sign-up numbers and do not appear to need as much concentrated effort. However, we will continue to do traditional outreach to the entire district in addition to the marketing campaign. This campaign will be designed to run from February through early April.

Displays

Communications met with internal stakeholders to determine if the proposed display and material redesigns would meet their individual program needs. I will follow up with each program to help design additional program-specific materials. We have a completed tabletop display for the internship fairs this spring, but we still require general District information displays that reflect our branding and mission. The next step is to work with our graphic design contractor to develop a set of draft displays and materials for the organization as a whole, potentially including an updatable map that can show the number of projects in a specific area. Our goal is to have a set of dynamic materials with a consistent look and feel for the spring and summer outreach events, including Waterfest.

E-newsletter

Audience: 1,589

Opens: 46.4%

Link clicks: 4.1%

Social Media (Facebook, Twitter, Instagram)

Numbers as of 1/23:

Facebook

Reach: 31,326

Engagement (likes, shares, comments): 154

Audience: 1,332

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Instagram

Reach: 156

Engagement: 15

Audience: 732

Twitter

Reach: 67

Engagement: 3

Audience: 998

Resident Communications/Professional Development/ Public Meetings, Misc.

- Lake Owasso Story Map support
- MN Association of Government Communicators visual design workshop (1/19)

Board Action Log



Board of Managers Action Log

Wednesday, February 1, 2023

Date Added	Item	Anticipated Action Date	Means of Action	Completed
January 2023	Adopt-A-Drain Program Evaluation and Promotion	Spring/Summer 2023	Presentation and policy discussion.	
December 2022	Review of Equity Areas Definition	Spring 2023	Stewardship Grant Program Review and Board Approval	
November 2022	Alum Use Policy	Spring 2023	Proposed policy discussion.	
November 2022	Planting of Edible Plants in Restoration Areas	Winter 2022/2023	Barr new technology report	Feb 2023
July 2022	PFAS (Per- and polyfluoroalyl substances) in MN and RWMWD's role.	Winter 2022/2023	Presentation	Feb 2023
July 2022	Miyawaki Mini-Forest Assessment	Fall 2022	Barr new technology report	Oct 2022
July 2022	Alum use for internal load control along with information on alternative solutions.	Fall/Winter 2022	Memo/Presentation	Nov 2022