

BOARD MEETING AGENDA

Board Room
Coon Creek Watershed District Offices
Monday, March 25, 2024
5:30 p.m.

Board of Managers:

Jim Hafner, President; Erin Lind, Vice President; Jason Lund, Secretary; Mary Campbell, Treasurer; Dwight McCullough, Member at Large

Note: Individuals with items on the agenda or who wish to speak to the Board are encouraged to be in attendance when the meeting is called to order.

- 1. Call to Order**
- 2. Approval of the Agenda** (*Additions/Corrections/Deletions*)
- 3. Announcements**
- 4. Open Mic/Public Comment**

*Members of the public at this time may address the Board, for up to three minutes, on a matter not on the Agenda. Individuals wishing to be heard must sign in with their name and address at the door. Additional comments may be accepted in writing. Board action or discussion should **not** be expected during the presentation of public comment/open mic. Board members may direct staff to research the matter further or take the matter under advisement for consideration at a future Board meeting.*

CONSENT ITEMS

The consent agenda is considered as one item of business. It consists of routine administrative items or items not requiring discussion. Items can be removed from the consent agenda at the request of a Board member, staff member or a member of the audience.

- 5. Approval of Minutes of March 11, 2024**
- 6. Approve Bills for Payment**

POLICY ITEMS

- 7. 2025 Budget Process & Calander**

PERMIT ITEMS

- 8. Complete Auto**
- 9. Meadow Creek Reconstruction**
- 10. Parkwood Substation**
- 11. Red Oaks Groundwater Contamination Mitigation**

DISCUSSION ITEMS

None

INFORMATIONAL ITEMS

- 12. Local article in Blaine Life - 9 (TMDL) De-listings, written by Board of Water and Soil Resources (BWSR)**
- 13. Local article in Union Herald – Coon Rapids City Council increases utility rates**

ADJOURN

COON CREEK WATERSHED DISTRICT BOARD OF MANAGERS' MEETING

The Board of Managers of the Coon Creek Watershed District held their regular meeting on Monday, March 11, 2024, at the Coon Creek Watershed District Office.

1. Call to Order

The meeting was called to order at 5:30 PM

Board Members Present: James Hafner, Erin Lind, Jason Lund, and Mary Campbell

Board Members Not Present: Dwight McCullough

Staff Present: Tim Kelly, Bobbie Law, Justine Dauphinais, Erik Bye, and Michelle Ulrich

Staff Present via Zoom: Jon Janke, Dawn Doering, Eileen Weigel, and Erin Margl

2. Approval of the Agenda

Board Member Lund moved to approve the agenda. Seconded by Board Member Campbell. The motion carried with 4 yeas (Board Members Lind, Lund, Campbell, and Hafner) and no nays.

3. Announcements

None

4. Open Mic/Public Comment

No one present for comment.

CONSENT ITEMS

5. Approval of Minutes of February 26, 2024

6. Administrator's Report

7. Advisory Committee Report

8. Approval of Bills:

Claims totaling \$46,109.13 on the following disbursement list will be issued and released upon Board approval.

Vendor	Amount
V0008--US BANK	10,303.21
V0010--A1 FLOOR AND CARPET CARE INC	1,076.25
V0030--CONNEXUS ENERGY	239.17
V0054--MICHELLE J ULRICH PA	4,342.00
V0110--RESPEC COMPANY LLC	8,981.25
V0111--WELL GROOMED LAWNS INC	433.00
V0128--YTS COMPANIES LLC	11,812.50
V0128--YTS COMPANIES LLC	4,112.50
V0138--RMB ENVIRONMENTAL LABORATORIES INC	261.00
V0138--RMB ENVIRONMENTAL LABORATORIES INC	201.00
V0221--ABDO LLP	3,327.50
V0284--LASALLE INVESTEMENTS LLC	1,019.75
Grand total	46,109.13

Board Member Lind moved to Approve the Consent Agenda Items. Seconded by Board Member Campbell. The motion carried with 4 yeas (Board Members Lind, Campbell, Lund, and Hafner) and no nays.

POLICY ITEMS

None

PERMIT ITEMS

9. Coon Rapids Regional Dam Park Trail

The purpose of this project, located at the southern end of the Coon Rapids Regional Dam Park along the Mississippi Regional Trail alignment with two crossings of Coon Creek, is to resurface a bituminous trail, removal, and replacement of a pedestrian bridge over Coon Creek near its confluence with the Mississippi River, bank stabilization and culvert replacement.

Staff recommendation was to approve permit application number P-24-003 with 2 conditions and 4 stipulations as presented in the staff report:

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$2,870.00.

Rule 5.0 – Wetlands

2. Submittal of Wetland Bank Credit Withdrawal Verification

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the applicant agrees to these stipulations:

1. Submittal of grading as-builts for the project to confirm adequate floodplain compensatory storage has been provided.
2. Submittal of as-builts for the culvert and bridge replacements within Lower Coon Creek.
3. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001)
4. If dewatering is required, provide DNR dewatering permit prior to construction. If a DNR permit is not required, provide well-field location, rates, discharge location, schedule and quantities prior to construction.

Board Member Campbell moved to approve permit application number P-24-003 with 2 conditions and 4 stipulations. As stated in the Application Review Report. Seconded by Board Member Lund. The motion carried with 4 yeas (Board Members Lind, Campbell, Lund, and Hafner) and no nays.

10. NSC Turf Field Grading

The purpose of this project, located at 1700 105th Ave NE, Blaine, is to complete grading of ten athletic fields to prepare for installation of artificial turf. This interim application does NOT include the construction of impervious surface or grading of stormwater treatment practices.

Staff recommendation was to approve permit application number P-24-004 with 2 conditions and 1 stipulation as presented in the staff report:

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of performance escrow in the amount of \$14,660.00

Rule 4.0 – Soils and Erosion Control

2. Update the erosion and sediment control plan to include a note to stabilize soils and soil stockpiles within 24 hours of inactivity.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the applicant agrees to these stipulations:

1. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001)

Managers discussed the effectiveness of perimeter control at this site. Ms. Margl confirmed street sweeping is a standard practice that will be required as a state standard. This is a BMP used when tracking of sediments occurs.

Board Member Lund moved to approve permit application number P-24-004 with 2 conditions and 1 stipulation. As stated in the Application Review Report. Seconded by Board Member Campbell. The motion carried with 4 yeas (Board Members Lind, Campbell, Lund, and Hafner) and no nays.

DISCUSSION ITEMS

11. Comprehensive Management Plan: Summary of Comments

Erik Bye presented a summary of comments from multiple local organizations and collaborators given the opportunity to comment on the comprehensive watershed management plan. He also outlined implications and an estimated timeline for submittal of the final comprehensive watershed management plan.

12. 2025 Budget Kickoff (At Board Meeting - ABM)

Administrator Kelly gave a 2025 budget presentation including details regarding the budgeting process, general timeline, scope and intent of the 2025 budget, and the financial outlook.

13. Results of the Street Sweeping Study

Ms. Dauphinais gave a presentation summarizing the results of the Districtwide Street Sweeping Study and the implications for the District and partners. She highlighted the District's goal to support cities by providing technical assistance, fostering buy-in from decision makers, and supplementing funding with District or external cost share grants. The Board was in support of staff sharing these study results with local cities.

14. Watershed Partner of the Year

Ms. Doering highlighted the need for the District to work with communities and increase awareness of who the District is and what we do. The watershed partner of the year award was developed to boost these efforts. The 2023 Partner of the Year Award

nominee is Rachel Workin, City of Fridley Environmental Planner, for consistently going above and beyond in multiple program areas of the CCWD. Managers discussed the presentation of the award to the nominee.

INFORMATIONAL ITEMS

15. 2024 Top Legislative Priorities Talking Points

The packet materials included an outline of the 2024 top legislative talking points from the Minnesota Watershed organization. Mr. Kelly highlighted drainage law and the workgroups discussion.

16. Council of Metro Area Leagues (CMAL) Watershed Study: Who Manages our Watersheds?

Mr. Kelly announced that the League of Women Voters would be presenting to the Council of Metro Area Leagues (CMAL) on Monday March 11th via Zoom. The presentation was titled "Who is Managing Our Watersheds?" Staff will be attending the Zoom meeting.

ADJOURN

Board Member Campbell moved to adjourn at 6:54 p.m. Seconded by Board Member Lund. Motion carried with 4 yeas (Board Members Lind, Campbell, Lund, and Hafner) and no nays.

President

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 25, 2024
AGENDA NUMBER: 6
ITEM: Bills to Be Paid

FISCAL IMPACT: Budgeted
POLICY IMPACT: Policy

REQUEST
 Approve bills

BACKGROUND

Claims totaling \$297,126.19 on the following disbursement list will be issued and released upon Board approval.

Vendor	Amount
V0014--ANOKA CONSERVATION DISTRICT	57,915.00
V0015--ANOKA COUNTY MN	143,337.67
V0019--MINNESOTA BOARD OF WATER AND SOIL RESOURCES	505.00
V0027--CITY OF FRIDLEY	6,080.90
V0033--DELL MARKETING LP	4,020.63
V0050--LEAGUE OF MN CITIES INSURANCE TRUST	9,913.00
V0128--YTS COMPANIES LLC	5,118.75
V0138--RMB ENVIRONMENTAL LABORATORIES INC	201.00
V0138--RMB ENVIRONMENTAL LABORATORIES INC	261.00
V0195--STANTEC CONSULTING SERVICES INC	2,646.00
V0195--STANTEC CONSULTING SERVICES INC	21,991.20
V0195--STANTEC CONSULTING SERVICES INC	427.00
V0195--STANTEC CONSULTING SERVICES INC	31,002.68
V0242--METRO I NET	5,398.00
V0247--POOP 911 OF MPLS STP LLC	914.25
V0285--ASSURED SECURITY	7,394.11
<i>Grand total</i>	297,126.19

Item 6: Bills to be Paid Page 2 of 2

Company name:	Coon Creek Watershed District									
Created on:	3/20/2024									
Vendor name	Bill number	Date	Fund name	Department name	Account	Capital Project ID	Grant ID	Transaction amount	Memo	
1042-166881	POOP911 OFMPLSSTPLLC	1042-166881	3/1/2024	General Fund	Administration	61549		G22-001-M	675.75	4 WEEK CLEAN UP SERVICE MAR24
	POOP911 OFMPLSSTPLLC	1042-166881	3/1/2024	General Fund	Public & Governmental Affairs	61549			238.50	4 WEEK CLEAN UP SERVICE MAR24
Sum for 1042-166881									914.25	
10733325804	DELLMARKETINGLP	10733325804	2/26/2024	General Fund	Administration	61101			4,020.63	PO#175432 3 LAPTOPS TT/J.L.
Sum for 10733325804									4,020.63	
1774	METRO INET	1774	3/1/2024	General Fund	Administration	63066			5,398.00	IT SERVICES MARCH 24
Sum for 1774									5,398.00	
2023 WQCSFINAL20%	CITY OF FRIDLEY	2023 WQCSFINAL20%	3/18/2024	General Fund	Water Quality	61549	PROJ23-506		6,080.90	23 WQCSFINAL 20% FRIDLEY
Sum for 2023 WQCSFINAL20%									6,080.90	
2024045	ANOKA CONSERVATION DISTRICT	2024045	3/1/2024	General Fund	Water Quality	61549	PROJ24-515a		57,915.00	2024 CCWD MONITORING & MGMT WORKPLAN
Sum for 2024045									57,915.00	
2201603	STANTEC CONSULTING SERVICES INC	2201603	3/1/2024	General Fund	Watershed Development	63246			2,646.00	WCA FEB 24
Sum for 2201603									2,646.00	
2201629	STANTEC CONSULTING SERVICES INC	2201629	3/1/2024	General Fund	Administration	63246			5,460.00	PLAN FEB 24
	STANTEC CONSULTING SERVICES INC	2201629	3/1/2024	General Fund	Planning	63246	PROJ24-302	G22-003	16,531.20	D39 FEB 24
Sum for 2201629									21,991.20	
2201630	STANTEC CONSULTING SERVICES INC	2201630	3/1/2024	General Fund	Operations & Maintenance	63246	PROJ24-415		427.00	OM FEB 24
Sum for 2201630									427.00	
2203100	STANTEC CONSULTING SERVICES INC	2203100	3/6/2024	General Fund	Watershed Development	63246			31,002.68	PERMITS FEB 24
Sum for 2203100									31,002.68	
32821	YTS COMPANIES LLC	32821	1/31/2024	General Fund	Operations & Maintenance	61251	PROJ23-400		525.00	23 CO DR&M SPRINGBROOK FORESTRY P23-004
	YTS COMPANIES LLC	32821	1/31/2024	General Fund	Operations & Maintenance	61251	PROJ23-400		2,688.75	23 CO DR&M D67 FORESTRY P23-003
	YTS COMPANIES LLC	32821	1/31/2024	General Fund	Operations & Maintenance	61251	PROJ23-400		1,925.00	23 CO DR&M SPRINGBROOK FORESTRY P23-004
Sum for 32821									5,118.75	
40002738 WC CCWD	LEAGUE OF MN CITIES INSURANCE TRUST	40002738 WC CCWD	3/18/2024	General Fund	Administration	62273			9,913.00	ACCT 40002738 WC COVG 24-25
Sum for 40002738 WC CCWD									9,913.00	
B012113	RMB ENVIRONMENTAL LABORATORIES INC	B012113	3/12/2024	General Fund	Water Quality	61549	PROJ24-521		201.00	WO B012113 WINTER CHLORIDE MONITORING
Sum for B012113									201.00	
B012177	RMB ENVIRONMENTAL LABORATORIES INC	B012177	3/15/2024	General Fund	Water Quality	61549	PROJ24-521		261.00	WO B012177 WINTER CHLORIDE MONITORING
Sum for B012177									261.00	
CCWD-0224	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60713			2,721.00	HRA CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60714			15,058.00	HEALTH CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60720			663.52	DENTAL CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60717			8,116.32	PEFA CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60715			39.86	LIFE CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60721			144.01	LTD CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	63052			416.67	AC SVCS FEES CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60110			108,217.38	SALARIES CCWD FEB 24 PAYROLL
	ANOKA COUNTY MN	CCWD-0224	3/6/2024	General Fund	Administration	60716			7,960.91	PCA CCWD FEB 24 PAYROLL
Sum for CCWD-0224									143,337.67	
MWPCP KALLEE HASBROOK	MINNESOTA BOARD OF WATER AND SOIL RESOURCES	MWPCP KALLEE HASBROOK	3/11/2024	General Fund	Watershed Development	61355			505.00	KALLEE HASBROOK BMS TRNG & EXAM
Sum for MWPCP KALLEE HASBROOK									505.00	
P233802D	ASSURED SECURITY	P233802D	3/7/2024	General Fund	Administration	65180			7,394.11	50% DEPOSIT REKEY DOORS QUOTE #12226
Sum for P233802D									7,394.11	
Sum Total									297,126.19	

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 25, 2024
AGENDA NUMBER: 7
ITEM: 2025 Budget Calendar and Process

AGENDA: Policy

ACTION REQUESTED

Approval of the budget process and calendar for the development of the 2025 District Budget

PURPOSE & SCOPE OF ITEM

The process and timeline for the orderly development, coordination, review, and adoption of the 2025 Budget.

BACKGROUND

Minnesota Statutes 103D.911 and Minnesota Rule 8410.0150 require the District to develop and adopt an annual operating budget by September 15 of each year.

COORDINATION

The proposed process involves close coordination with District staff in the development of select sections, collaboration and coordination with our collaborating agencies, review and refine with our Citizen Advisory Committee, review by the District citizens and approval of the budget by the Board.

FACTS

1. The budget must be adopted by September 15.
2. The Board must have a hearing on the budget prior to adoption of the budget.
3. The budget must address the mandated and essential activities of the District.

ISSUES/CONCERNS

1. Proposed Board Budget Calendar

The proposed calendar seeks to develop a Rough Draft Budget by the first Board meeting in July so that the Draft Budget can be reviewed and discussed in its entirety in early August should the Board wish. Below is a proposed schedule to accomplish that objective.

Date	Task
3/11	Budget Kickoff- General Process and timeline
3/25	Adopt Budget Calendar
3/25	Annual Report & Assessment of District Capacity, Capabilities & Needs
4/8	Rough Draft Revenue Estimates
4/22	2025 Capital Equipment Discussion

Date	Task
4/22	Adopt Budget Guidelines
5/13	Initial Preliminary Rough Draft Salary & Benefit Budget & Staff Proposals
5/13	Initial Preliminary Draft Salary & Professional Services Budget
5/27	Initial Preliminary Rough Draft Operating Budget
6/10	Board review of CIP projects
6/17	DISTRICT TOUR
6/24	Board review of CIP projects
6/24	Board Review of Program Projects
7/8	Review and comment on Preliminary Rough Draft Budget
7/22	Review and comment on Preliminary Draft Budget
8/12	Board review and approve Advisory Committee review of Draft Budget
8/26	Board Review of Draft Budget and Order Public Hearing on 2025 Budget
9/9	Public Hearing and Adoption on 2025 Budget

2. District Tour

- Tour?
 - The annual tour would be scheduled for Monday June 17.
 - A proposed itinerary will follow, as well as a request for sites/issue examples/guests etc.

IMPLICATIONS

1. Develops a budget capable of being adopted by September 15.
2. Provides for a public hearing prior to adoption of the budget.
3. Provides for developing a budget that addresses the mandated and essential activities of the District.

PRIOR DECISIONS

None

OPTIONS

1. Adopt the calendar as presented.
2. Modify and adopt calendar.
3. Pursue alternative process and calendar.

RECOMMENDATION

1. Adopt budget calendar as presented.
2. Discuss if you want to have a tour

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 11, 2023
AGENDA NUMBER: 8
ITEM: Complete Auto Bldg Addition (Blaine)

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-24-005 Complete Auto Bldg Addition (Blaine).

RECOMMENDATION

To approve Permit Application Number P-24-005 with 3 conditions and 3 stipulations, as stated in the Application Review Report dated 3/06/2024.

ATTACHED

Application Review Report for Permit Application Number P-24-005

Permit Application Review Report
Date: 3/6/2024

Applicant/Landowner:

AMBA Holdings LLC
Attn: Mitchell Webb
5249 190th Lane NE
Wyoming, MN 55092

Project Name: Complete Auto Bldg Addition (Blaine)

Project PAN: P-24-005

Project Purpose: Construction of a new commercial building, parking areas and stormwater treatment practices

Project Location: Building addition to the North and parking lot and stall expansion to the North and South, 12285 Aberdeen St NE, Blaine

Site Size: size of parcel - 1.02 acres; size of disturbed area - 0.51 acres; size of regulated impervious surface - 1 acre

Applicable District Rule(s): Rule 2, Rule 3, Rule 4

Recommendation: Approve with 3 Conditions and 3 Stipulations

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$2,255.00.

Rule 3.0 – Stormwater Management

2. Provide proof of recording of a fully executed Operations and Maintenance Agreement for the perpetual inspection and maintenance of all proposed stormwater management practices after review and approval by the District.

Rule 4.0 – Soils and Erosion Control

3. Update the erosion and sediment control plan to include a note that all soils and soil stockpiles will be stabilized within 7 days of inactivity.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the applicant agrees to these stipulations:

1. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001).
2. Completion of post construction infiltration tests on Infiltration Basins P1, P3, and P5 by filling the basin to a minimum depth of 6 inches with water and monitoring the time necessary to drain, or multiple double ring infiltration tests to ASTM standards. The

- Coon Creek Watershed District shall be notified prior to the test to witness the results.
3. Submittal of as-builts for the stormwater management practices and associated structures listed in Tables 2 and 3, including volume, critical elevations and proof of installation for hydrodynamic separators.

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Neighbor Approval Correspondence	New Creation Childcare	02/20/2024	02/20/2024
Neighbor Approval Correspondence	Northern Force Dance Co	02/23/2024	02/23/2024
Soil Boring Logs	Haugo Geotechnical Services	01/25/2024	02/20/2024
Site Drainage Narrative and Calculations	Powe Engineering, Inc.	02/19/2024	02/20/2024
Construction Plans	Plowe Engineering, Inc.	02/19/2024	02/20/2024

Findings

Description: The project proposes the construction of a building addition, parking expansion and associated stormwater treatment basins. The project will disturb 0.51 acres and create 1 acre of regulated impervious. Since the project proposes to disturb more than 50% of the existing site, they will be required to treat all impervious. The parcel drains to County Ditch 60. See attached Figure 1: Project Location and Figure 2: Site Plan.

Fees and Escrows (Rule 2.7): The applicant has submitted a \$3,310.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10), base fee for a Commercial/Industrial Development project of 1.02 acres (\$3,300.00). The applicant will be required to submit a performance escrow in the amount of \$2,255.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (0.51 acres of land disturbance proposed).

Stormwater Management (Rule 3.0): Rule 3.0 applies to the proposed project because it includes land disturbing activities creating a cumulative total of 10,000 sf or more of new or fully reconstructed impervious surface.

The Hydrologic Soil Group (HSG) of soils on site are HSG A. The proposed project incorporates soil amendments in accordance with District guidelines.

Rate Control: Peak stormwater flow rate at each point of site discharge does not increase from the pre-development condition for the 24-hour precipitation event with a return frequency of 2-, 10-, 100- years as shown in Table 1. The project will not impact Drainage Sensitive Use areas. The rate control standard is met.

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
NE (5R)	0.1	0	0.24	0	0.64	0.47
E (4R)	0.21	0.01	0.39	0.05	0.88	0.16
S (3R)	0.06	0	0.3	0.05	1.01	0.79
W(2R)	1.16	0.37	1.79	0.58	3.23	1.09
NW (1R)	0.29	0.06	0.64	0.46	1.64	1.63

Table 1.

Volume Control: The application proposes redevelopment which disturbs more than 50% of the site

or reconstructs more than 50% of the existing impervious surface, therefore the volume reduction requirement is equal to 1.1 inches over the area of all impervious surface including existing impervious surface that is not proposed to be reconstructed. The amount of proposed impervious required to be treated is 27,285 ft². The W(2R) drainage area contains the entrance drive and a small portion of the parking lot. The applicant has illustrated that it is not feasible to route this area to a BMP due to existing grades which make it infeasible to tie into a storm sewer system. Discharge point 4R (Table 1) contains no impervious and is not included in Table 2.

The applicant is proposing the Stormwater Management Practices (SMPs) described below:

Drainage Area	Impervious required to be treated (ft ²)	Proposed SMP	TP Removal Factor	Required Water Quality Volume (ft ³)	Water Quality Volume Provided (ft ³)
NE (5R)	2,576	Infiltration Basin 5P	1	236	783
S (3R)	11,157	Infiltration Basin 3P	1	1,023	2,557
W (2R)	3,583	none	0	328	0
N (1R)	9,192	Infiltration Basin 1P	1	843	1,061
Totals:	27,285			2,501	4,401

Table 2.

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
Rain Guardian (4)	Rain Guardian	80

Table 3.

Pretreatment is required to be designed such that the device/method provides removal of 80% TSS entering an infiltration or filtration Stormwater Management Practice. The proposed project meets pretreatment requirements as shown in Table 3. The volume control standard has been met to the maximum extent practicable as shown in Table 2.

Water Quality: The total Water Quality Volume has been provided in aggregate.

Stormwater treatment on site must remove at least 80% of the average annual post development TSS per discharge location. The following TSS removal has been provided:

Discharge Point	TSS Removal Provided
NE (5R)	100
S (3R)	100
W (2R)	0
NW (1R)	100

Table 4.

The TSS removal standard is not met at all discharge points as shown in Table 4 because W(2R) cannot be routed to a treatment system as described in the volume control section. The water quality standard has been met to the maximum extent practicable.

Discharges to Wetlands: Stormwater from the proposed project is not being discharged into any wetlands, therefore this section does not apply.

Landlocked Basins: The proposed drainage system does not outlet to a landlocked basin, therefore this section does not apply.

Low Floor Freeboard: The proposed project includes buildings and habitable structures. Therefore,

SMPs must be designed such that the lowest basement floor elevations are at least 2 feet above the 100-yr high water level or 1 foot above the emergency overflow. The lowest basement floor elevation proposed is 908.4 MSL. The applicable 100-year high water level is at 907.1 MSL and the applicable emergency overflow is at 906.5 MSL. The freeboard requirement is met.

Maintenance:

Access: Sufficient maintenance access has been provided on the plans for all stormwater management practices.

Easements: Maintenance easements are not required.

Maintenance Agreements: The proposed stormwater management practices will not be maintained as part of standard municipal public work activities. Therefore, a maintenance agreement that meets District standards will be required.

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it is a land disturbing activity that requires a permit under another District rule. The proposed project drains to County Ditch 60. The soils affected by the project include Zimmerman and does not have a soil erodibility factor of 0.15 or greater. Disturbed areas are not proposed to be stabilized within 7 days, as required. The proposed erosion and sediment control plan includes rock construction entrance, riprap, perimeter control, street sweeping, and inlet protection. The erosion control plan does not meet District requirements because soils and soil stockpiles are not proposed to be stabilized within 7 days of inactivity. See attached Figure 3: Erosion & Sediment Control Plan.

Wetlands (Rule 5.0)

The proposed project does not include activities which result in the filling, draining, excavating, or otherwise altering the hydrology of a wetland. Rule 5.0 does not apply.

Floodplain (Rule 6.0)

The proposed project does not include land disturbing activities within the floodplain as mapped and modeled by the District. Rule 6.0 does not apply.

Drainage, Bridges, Culverts, and Utility Crossings (Rule 7.0)

The proposed project does not include land disturbing activities which construct, improve, repair, or alter the hydraulic characteristics of a bridge profile control or culvert structure on a creek, public ditch, or major watercourse. The proposed project does not include land disturbing activities which involve a pipeline or utility crossing of a creek, public ditch, or major watercourse.

The proposed project does not include land disturbing activities which construct, improve, repair or alter the hydraulic characteristics of a conveyance system that extends across two or more parcels of record not under common ownership and has a drainage area of 200 acres or greater. Rule 7.0 does not apply.

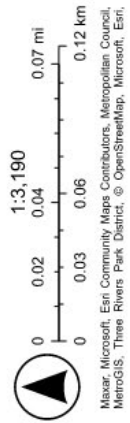
Buffers (Rule 8.0)

The proposed project does not include a land disturbing activity on land adjacent or directly contributing to a Public Water, Additional Waters, High or Outstanding Ecological Value Waters, a Public Ditch, or Impaired Waters/waters exceeding state water quality standards. Rule 8.0 does not apply.

Variances (Rule 10.2)

The proposed project is not requesting a variance from the District's rules, regulations, and policies. Rule 10.2 does not apply.

P24-005



2/27/2024

Figure 1: Project Location

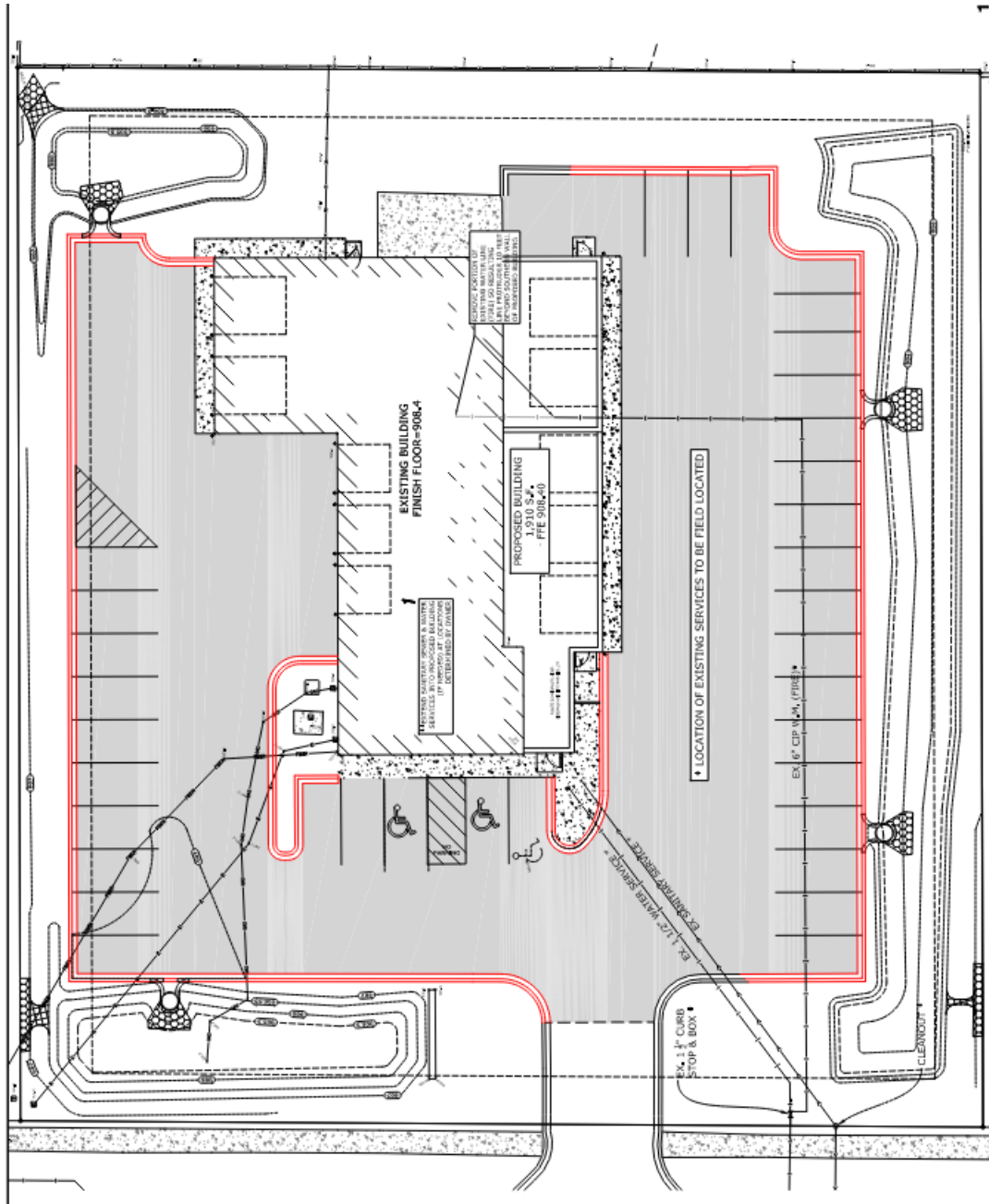


Figure 2: Site Plan

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 25, 2023
AGENDA NUMBER: 9
ITEM: Meadow Creek Reconstruction

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-22-048 Meadow Creek Reconstruction.

RECOMMENDATION

To approve Permit Application Number P-22-048 with 2 conditions and 2 stipulations, as stated in the Application Review Report dated 3/20/2024.

ATTACHED

Application Review Report for Permit Application Number P-22-048

Permit Application Review Report
Date: 3/20/2024

Applicant/Landowner:

City of Ham Lake
Attn: Denise Webster
15544 Central Avenue NE
Ham Lake, MN 55304

Project Name: Meadow Creek Reconstruction

Project PAN: P-22-048

Project Purpose: Reconstruction of 163rd Lane and Isanti St NE

Project Location: Meadow Park north of Constance Blvd, Ham Lake

Site Size: size of disturbed area - 2.12 acres; size of regulated impervious surface - 1.01 acres

Applicable District Rule(s): Rule 2, Rule 3, Rule 4

Recommendation: Approve with 2 Conditions and 2 Stipulations

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$3,060.00.

Rule 4.0 – Soils and Erosion Control

2. Update the erosion and sediment control plan to include a note to stabilize soils and soil stockpiles within 24 hours of inactivity.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the applicant agrees to these stipulations:

1. Submittal of as-builts for the stormwater treatment practices listed in Table 2 and 3. include critical elevations such as sump depth.
2. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001).

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Stormwater Management Plans - TSS Removal Narrative	RFC Engineering	02/29/2024	03/01/2024
SHSAM Calculations	RFC Engineering	02/29/2024	03/01/2024
Construction Plans	RFC Engineering	02/29/2024	03/01/2024

Revised Borings	ITT	08/31/2021	12/06/2023
Report of Geotechnical Explorations	ITT	09/30/2021	12/01/2023

Findings

Description: The project proposes the reconstruction of roads in a portion of the Meadow Park development in Ham Lake. The project will disturb 2.12 acres and create 1.01 acres of regulated impervious. The site drains to a large wetland complex and on to County Ditch 5-84. See attached Figure 1: Project Location and Figure 2: Site Plan.

Fees and Escrows (Rule 2.7): The applicant is a government agency and is therefore exempt from an application fee or a review and inspection fee deposit. The applicant will be required to submit a performance escrow in the amount of \$3,060.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (2.12 acres of land disturbance proposed).

Stormwater Management (Rule 3.0): Rule 3.0 applies to the proposed project because it is a public linear project where the sum of the new and fully reconstructed impervious surface equals one or more acres. The Hydrologic Soil Group (HSG) of soils on site are HSG B.

Rate Control: Peak stormwater flow rate at each point of site discharge increases from the pre-development condition for the 24-hour precipitation event with a return frequency of 2-, 10-, 100-years as shown in Table 1. This increase has been reviewed and no adverse impacts are expected. The rate control standard is considered met to the maximum extent practicable.

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
7R East	2.47	2.67	3.6	3.89	4.96	5.32

Table 1.

Volume Control: The proposed project is a public linear project; therefore, the volume reduction requirement is equal to 1 inch over the area of new impervious surface, or 0.5 inches over the sum of the area of new and fully reconstructed impervious surface, whichever is greater. The amount of proposed impervious required to be treated is 45,173 ft², which is the area of new and fully reconstructed impervious surfaces.

The applicant is proposing the Stormwater Management Practices (SMPs) described below:

Drainage Area	Impervious required to be treated (ft ²)	Proposed SMP	TP Removal Factor	Required Water Quality Volume (ft ³)	Water Quality Volume Provided (ft ³)
7R East	45,173	None	0	10,352	0
Totals:	45,173			10,352	

Table 2.

The volume control standard has not been met as shown in Table 2. However, the applicant has made a good faith effort to analyze all potential options for treatment and illustrated that a BMP is not feasible due to site constraints (high groundwater, existing grades, and wetland impacts).

Water Quality: Stormwater treatment on site must remove at least 80% of the average annual post development TSS per discharge location. The water quality volume for reconstructed impervious surface is provided to the maximum extent feasible. The following TSS removal has been provided:

Discharge Point	TSS Removal Provided
7R (East)	81

Table 4.

The TSS removal standard is met at each discharge point as shown in Table 4.

Discharges to Wetlands: Stormwater from the proposed project is being discharged into the following wetlands.

Wetland ID	Wetland 1
Wetland Type	Slightly Susceptible
Change of Bounce 2-yr (ft)	0.06
Change of Bounce 10-yr (ft)	0.09
Change of Inflow Velocity (fps)	5.66
Change of Inundation on 2-yr (hrs)	0
Change of Inundation on 10-yr (hrs)	0
Change of Run out Control (ft)	0

The proposed project meets bounce, discharge rate, inundation, and runout control requirements for all wetlands receiving discharge from the site as shown in Table 5.

Landlocked Basins: The proposed drainage system does not outlet to a landlocked basin, therefore this section does not apply.

Low Floor Freeboard: The proposed project is not considered new development with buildings and habitable structures; therefore, this section does not apply.

Maintenance:

Access: Sufficient maintenance access has been provided on the plans for all stormwater management practices.

Maintenance Agreements: All proposed stormwater management practices will be maintained as part of standard municipal public work activities. Therefore, no maintenance agreement will be required.

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it is a land disturbing activity that requires a permit under another District rule.

The proposed project drains to County Ditch 58-4. The soils affected by the project include Zimmerman and Isanti, which have a soil erodibility factor of 0.15 or greater. Disturbed areas are not proposed to be stabilized within 24 hours, as required. The proposed erosion and sediment control plan includes perimeter control, rock construction entrance, inlet protection, hydromulch, and street sweeping. The erosion control plan does not meet District requirements because soils and soil stockpiles are not proposed to be stabilized within 24 hours of inactivity. See attached Figure 3: Erosion & Sediment Control Plan.

Wetlands (Rule 5.0)

The proposed project does not include activities which result in the filling, draining, excavating, or otherwise altering the hydrology of a wetland. Rule 5.0 does not apply.

Floodplain (Rule 6.0)

The proposed project does not include land disturbing activities within the floodplain as mapped and modeled by the District. Rule 6.0 does not apply.

Drainage, Bridges, Culverts, and Utility Crossings (Rule 7.0)

The proposed project does not include land disturbing activities which construct, improve, repair, or alter the hydraulic characteristics of a bridge profile control or culvert structure on a creek, public ditch, or major watercourse. The proposed project does not include land disturbing activities which involve a pipeline or utility crossing of a creek, public ditch, or major watercourse.

The proposed project does not include land disturbing activities which construct, improve, repair or

alter the hydraulic characteristics of a conveyance system that extends across two or more parcels of record not under common ownership and has a drainage area of 200 acres or greater. Rule 7.0 does not apply.

Buffers (Rule 8.0)

The proposed project does not include a land disturbing activity on land adjacent or directly contributing to a Public Water, Additional Waters, High or Outstanding Ecological Value Waters, a Public Ditch, or Impaired Waters/waters exceeding state water quality standards. Rule 8.0 does not apply.

Variances (Rule 10.2)

The proposed project does not request a variance from the District's rules, regulations, and policies. Rule 10.2 does not apply.

P22-048



Figure 1: Project Location

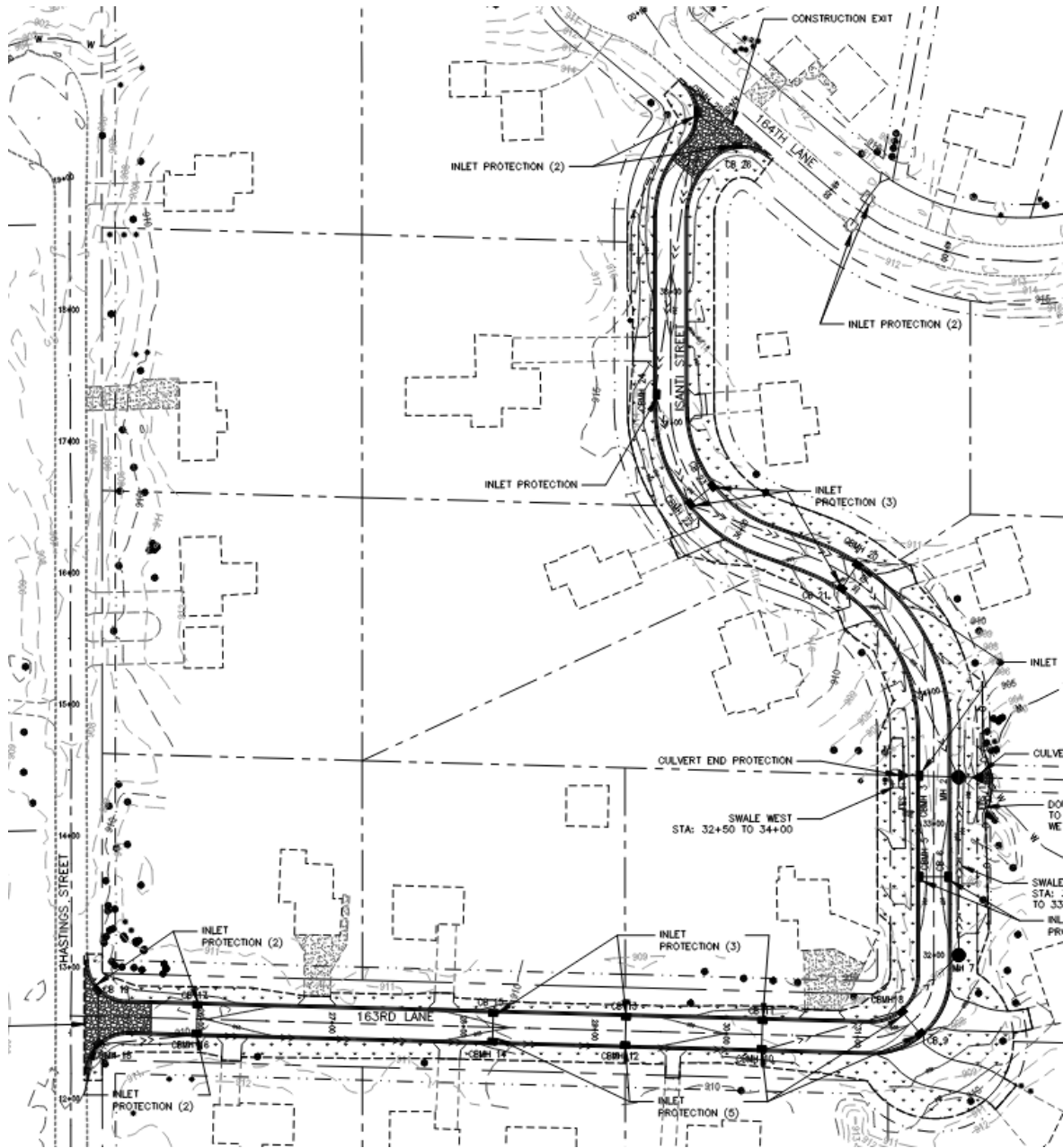


Figure 2: Site Plan

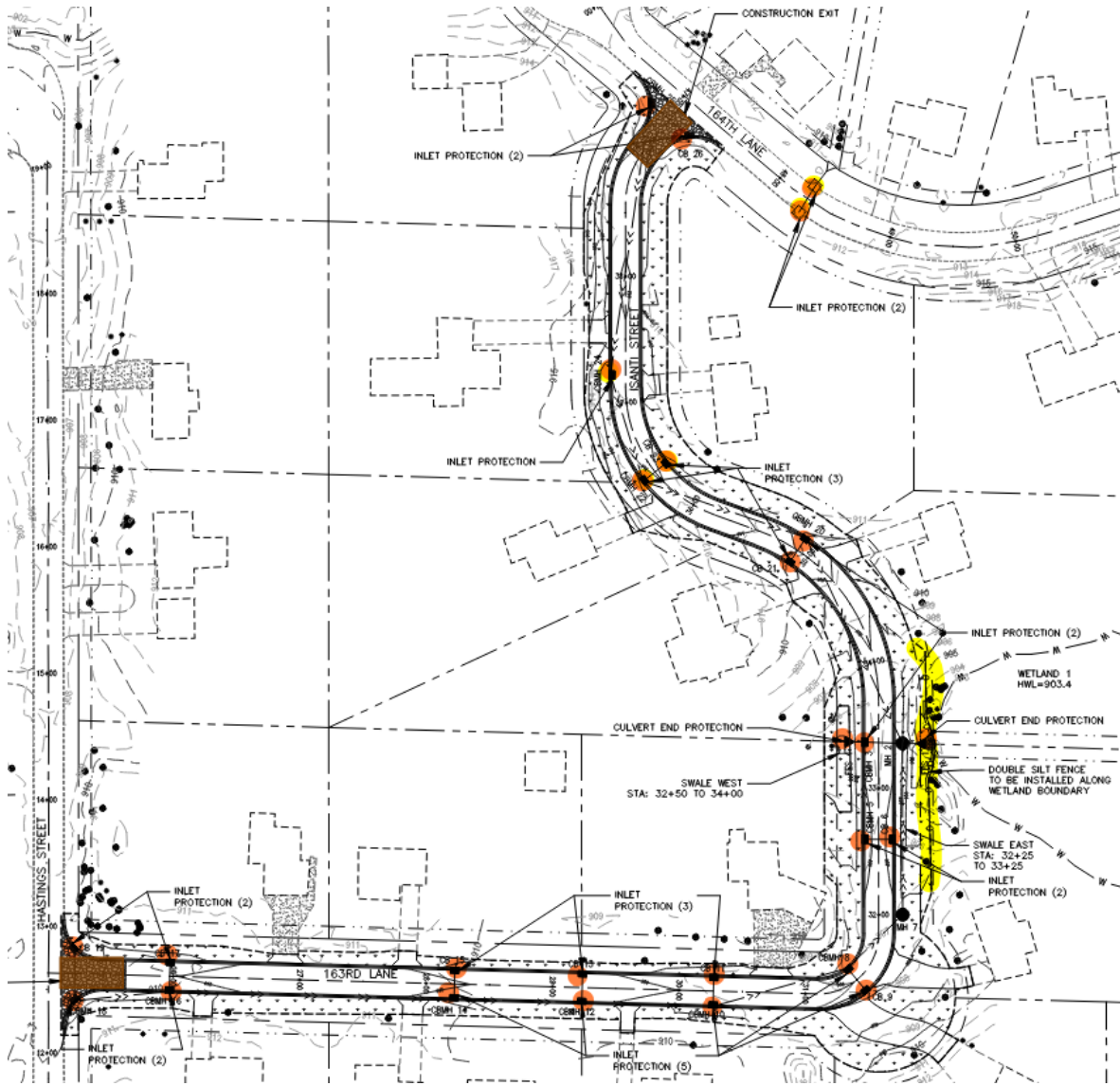


Figure 3: Erosion & Sediment Control Plan

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 25, 2023
AGENDA NUMBER: 10
ITEM: Parkwood Substation Upgrade Project

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-042 Parkwood Substation Upgrade Project.

RECOMMENDATION

To approve Permit Application Number P-23-042 with 3 conditions and 4 stipulations, as stated in the Application Review Report dated 3/20/2024.

ATTACHED

Application Review Report for Permit Application Number P-23-042

Permit Application Review Report
Date: 3/20/2024

Applicant/Landowner:

Great River Energy
Attn: Michael Swenson
12300 Elm Creek Blvd.
Maple Grove, MN 55369

Contact:

Project Name: Parkwood Substation Upgrade Project

Project PAN: P-23-042

Project Purpose: electrical substation expansion with associated stormwater treatment pond

Project Location: Great River Energy Parkwood Substation, 1650 111th Ave NW, Coon Rapids

Site Size: size of parcel - 14.0 acres; size of disturbed area – 2.04 acres; size of regulated impervious surface - 1.17 acres

Applicable District Rule(s): Rule 2, Rule 4, Rule 3, Rule 6, Rule 5

Recommendation: Approve with 3 Conditions and 4 Stipulations

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$3020.00.

Rule 3.0 – Stormwater Management

2. Provide proof of recording of a fully executed Operations and Maintenance Agreement for the perpetual inspection and maintenance of all proposed stormwater management practices after review and approval by the District.

Rule 4.0 – Soils and Erosion Control

3. Update the erosion and sediment control plan to include a note that all soils and soil stockpiles will be stabilized within 7 days of inactivity

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the applicant agrees to these stipulations:

1. Submittal of as-builts for the stormwater management practices and associated structures listed in Tables 2 and 3, including volume and critical elevations.
2. Submittal of grading as-builts for the project to confirm adequate floodplain compensatory storage has been provided.
3. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001)
4. If dewatering is required, provide DNR dewatering permit prior to construction. If a

DNR permit is not required, provide well-field location, rates, discharge location, schedule and quantities prior to construction.

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Joint Application	GRE	12/01/2023	12/12/2023
Delineation Report w/ revised figure (5/11/23)	HDR	9/2022	01/26/2023
SWPPP	Great River Energy	undated	12/12/2023
Report of Geotechnical Exploration	American Engineering Testing	10/27/2022	08/22/2023
Stormwater Management Report	Great River Energy	02/29/2024	03/01/2024
Construction Plans	Great River Energy	02/29/2024	03/01/2024

Findings

Description: Great River Energy is proposing the expansion of an electrical substation with associated stormwater treatment pond. The parcel is 14 acres, and the project will disturb 2.04 acres. It will create 1.17 acres of regulated impervious. The site drains to a large wetland complex and ultimately towards Epiphany Creek. See attached Figure 1: Project Location and Figure 2: Site Plan.

Fees and Escrows (Rule 2.7): The applicant has submitted a \$4,810.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10), base fee for an Industrial and Commercial Development project of 14.0 acres (\$4,500.00), and addition to base fee (\$300.00 for floodplain impact). The applicant will be required to submit a performance escrow in the amount of \$3,020.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (2.04 acres of land disturbance proposed).

Stormwater Management (Rule 3.0): Rule 3.0 applies to the proposed project because it includes land disturbing activities creating a cumulative total of 10,000 sf or more of new or fully reconstructed impervious surface.

The Hydrologic Soil Group (HSG) of soils on site are HSG A. Curve Numbers have been shifted down 1/2 classification to account for the impacts of grading on soil structure.

Rate Control: Peak stormwater flow rate at each point of site discharge increases from the pre-development condition for the 24-hour precipitation event with a return frequency of 100- years as shown in Table 1. This rate increase has been reviewed and determined to be negligible. The pond outlets to a large wetland complex which will not be negatively impacted by the increase. Additionally, to meet rate control for the 100-year event, the proposed pond would need to be enlarged which would result in additional wetland and floodplain impacts. The rate control standard is met to the maximum extent practicable.

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
Wetland	2.85	2.41	4.41	3.24	9.28	11.25

Table 1.

Volume Control: The proposed project is new development; therefore, the volume reduction requirement is equal to 1.1 inches over the area of all impervious surface. The amount of proposed impervious required to be treated is 51,226 ft².

The applicant is proposing the Stormwater Management Practices (SMPs) described below:

Drainage Area	Impervious required to be treated (ft ²)	Proposed SMP	TP Removal Factor	Required Water Quality Volume (ft ³)	Water Quality Volume Provided (ft ³)
Pond	51,226	Wet Sedimentation Pond	0.5	9,423	14,302
Totals:	51,226			9,423	14,302

Table 2.

Infiltration may not be used as a volume control practice because the practice would need to be placed in areas with less than three feet of separation from the bottom of the infiltration system to the seasonally saturated soils.

Geotechnical information from August 2022 has been submitted which indicates that seasonally high saturated soils are likely at an approximate elevation of 856 ft MSL. The bottom of an infiltration system would need to be at elevation 858 ft MSL or above. This is infeasible because of existing grades, underground utility conflicts, and proximity to the wetland.

Because the volume reduction standard cannot be met due to these site constraints, the project proposes the use of the stormwater management practices and their corresponding TP conversion factors listed in Table 2. The volume control standard has been met as shown in Table 2.

Water Quality: The total Water Quality Volume has been provided in aggregate.

Stormwater treatment on site must remove at least 80% of the average annual post development TSS per discharge location. The following TSS removal has been provided:

Discharge Point	TSS Removal Provided
wetland	90

Table 4.

The TSS removal standard is met at each discharge point as shown in Table 4.

Discharges to Wetlands: Stormwater from the proposed project is being discharged into the following wetlands. With an increase in volume to the wetland of 0.628 acre-feet, the bounce for the 100-year storm is 0.002 feet which is negligible (below 0.05 feet). Because the bounce is negligible for the highest design storm and due to the size of the wetland, the standards for discharging into a wetland are considered met.

Landlocked Basins: The proposed drainage system does not outlet to a landlocked basin, therefore this section does not apply.

Low Floor Freeboard: The proposed project is not considered new development with buildings and habitable structures; therefore, this section does not apply.

Maintenance:

Access: Sufficient maintenance access has been provided on the plans for all stormwater management practices.

Easements: All required maintenance easements have been provided on the plans.

Maintenance Agreements: The proposed stormwater management practices will not be maintained as part of standard municipal public work activities. Therefore, a maintenance agreement that meets District standards will be required.

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it is a land disturbing activity that requires a permit under another District rule.

The proposed project drains to Ditch 52. The soils affected by the project includes Markey, Millerville and Duelm and do not have a soil erodibility factor of 0.15 or greater. Disturbed areas are not proposed to be stabilized within 7 days, as required. The proposed erosion and sediment control plan includes perimeter control, rock construction entrance, riprap, and street sweeping. The erosion control plan does not meet District requirements because soils and soil stockpiles are not proposed to be stabilized within 7 days of inactivity. See attached Figure 3: Erosion & Sediment Control Plan.

Wetlands (Rule 5.0)

Rule 5.0 applies to the proposed project because it includes activities which result in the filling, draining, excavating or other altering the hydrology of a wetland.

Wetlands were delineated under PAN W23-010. The boundary and type application was reviewed and approved. The Notice of Decision was issued on 06/30/2023.

The applicant submitted a joint application form requesting an Exemption decision on 08/15/2023. Wetland impacts are proposed through fill and excavation in 3 locations. The applicant has provided an alternatives analysis which discusses wetland impact avoidance, minimization, and mitigation. A wetland impact summary is outlined below.

Wetland ID	Impact Type	Impacts (sf)	Impact Duration (T/P)	Required Mitigation (sf)
1	Fill	21,780	Temporary	0
1	Excavation	500	Permanent	0
1	Fill	550	Permanent	0

Table 6.

See attached Figure 4: Wetland Impacts.

The TEP agrees that the proposed project meets the requirements for an Exemption under Exemption (8420.0420) Subpart 8, No-Loss (8424.0415) Part A, No-Loss (8424.0415) Part C. The Notice of Decision was issued on 12/20/2023.

Floodplain (Rule 6.0)

Rule 6.0 applies to the proposed project because it includes land disturbing activities within or adjacent to the boundary of the 100-year flood elevation as mapped and modeled by the District. The regulatory floodplain elevation is 852.5 ft MSL. The application proposes the placement of 363 cubic yards of fill within the floodplain. Compensatory storage is required. The proposed project provides 563 cubic yards of compensatory storage, which exceeds the required 1:1 ratio and is within the relevant reach. See attached Figure 5: Floodplain Impacts

Drainage, Bridges, Culverts, and Utility Crossings (Rule 7.0)

The proposed project does not include land disturbing activities which construct, improve, repair, or alter the hydraulic characteristics of a bridge profile control or culvert structure on a creek, public ditch, or major watercourse. The proposed project does not include land disturbing activities which involve a pipeline or utility crossing of a creek, public ditch, or major watercourse.

The proposed project does not include land disturbing activities which construct, improve, repair or alter the hydraulic characteristics of a conveyance system that extends across two or more parcels of record not under common ownership and has a drainage area of 200 acres or greater. Rule 7.0 does not apply.

Buffers (Rule 8.0)

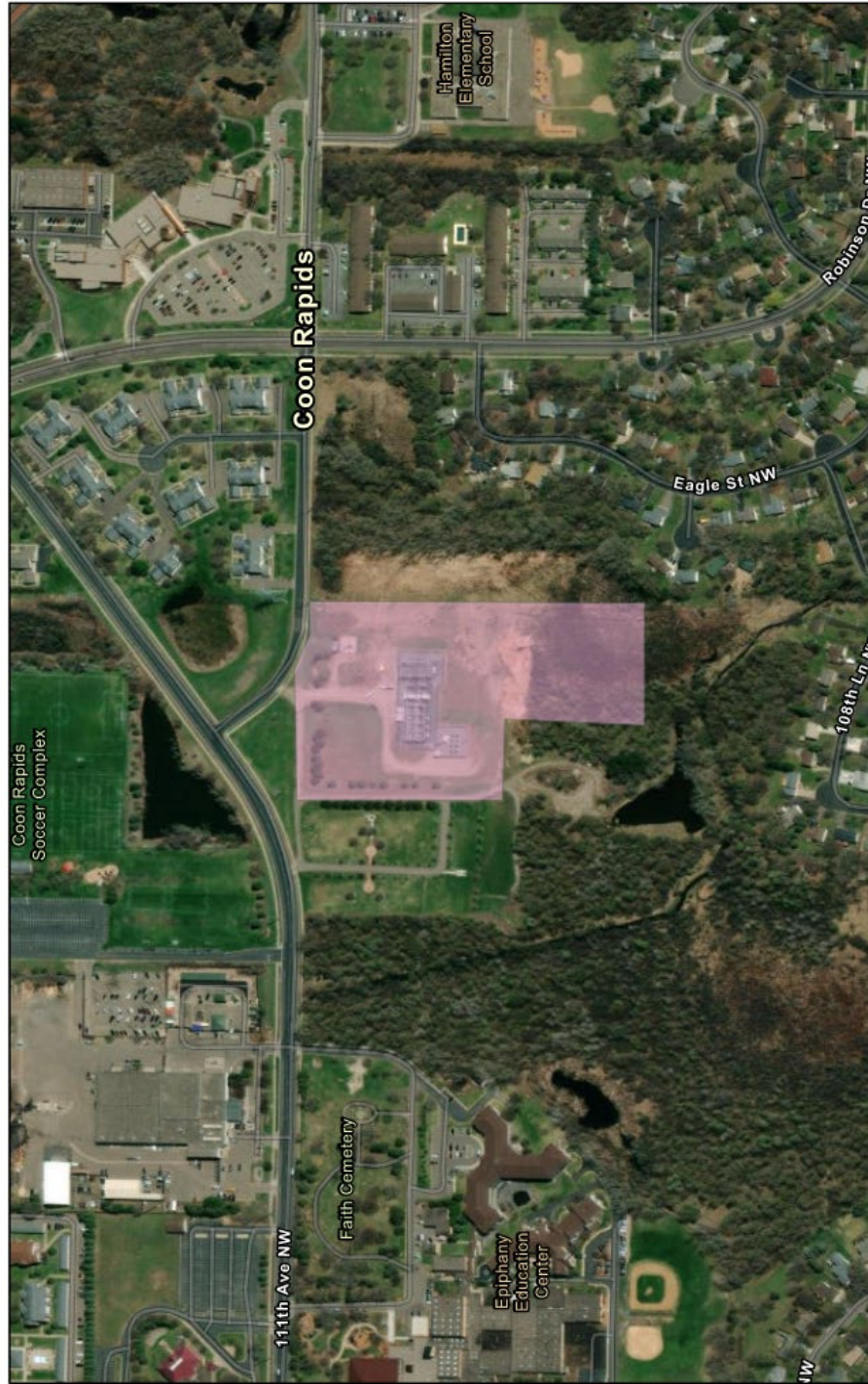
The proposed project does not include a land disturbing activity on land adjacent or directly contributing to a Public Water, Additional Waters, High or Outstanding Ecological Value Waters, a

Public Ditch, or Impaired Waters/waters exceeding state water quality standards. Rule 8.0 does not apply.

Variations (Rule 10.2)

The proposed project is not requesting a variance from the District's rules, regulations, and policies. Rule 10.2 does not apply.

P23-042



3/13/2024

Figure 1: Project Location

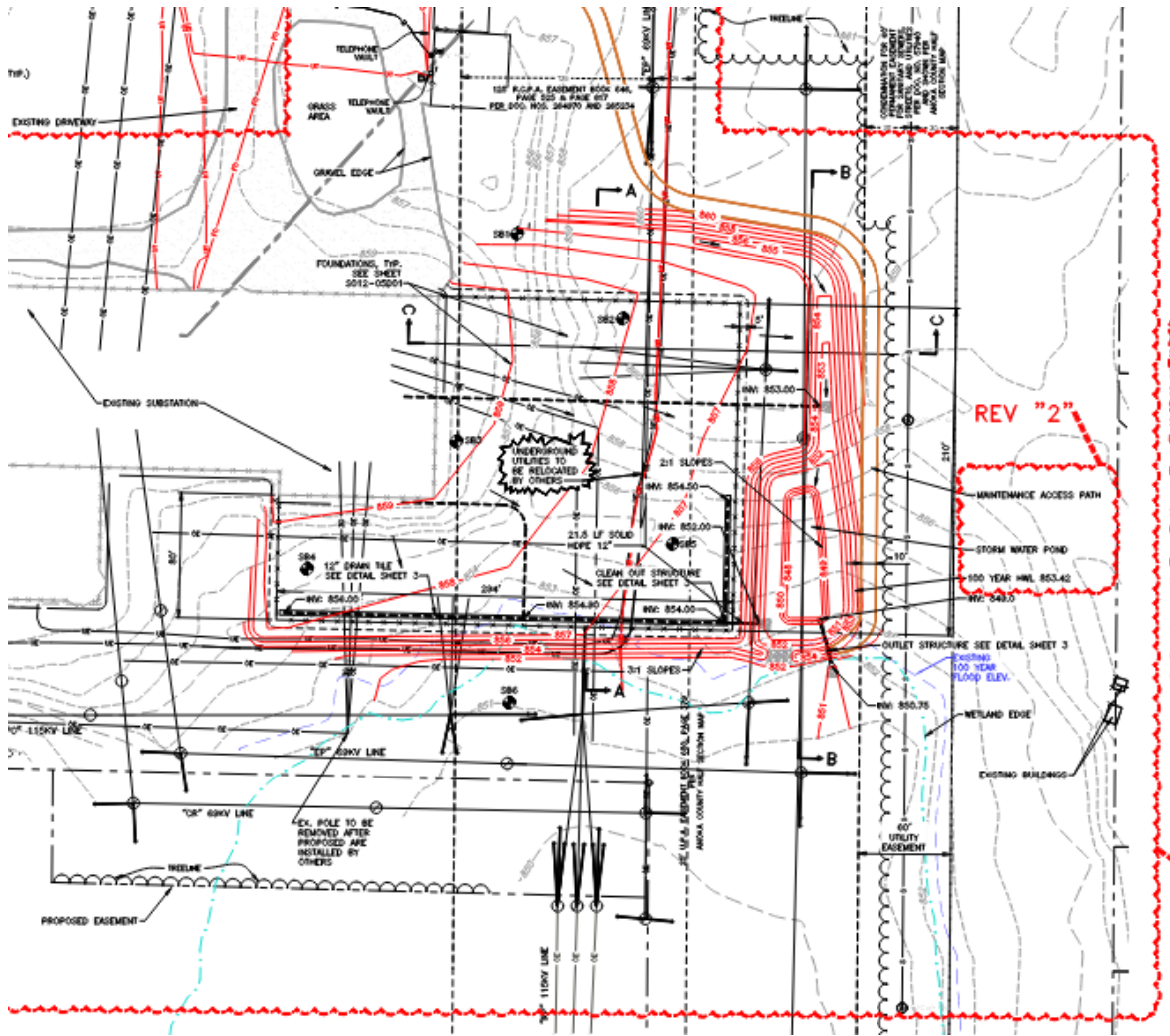


Figure 2: Site Plan

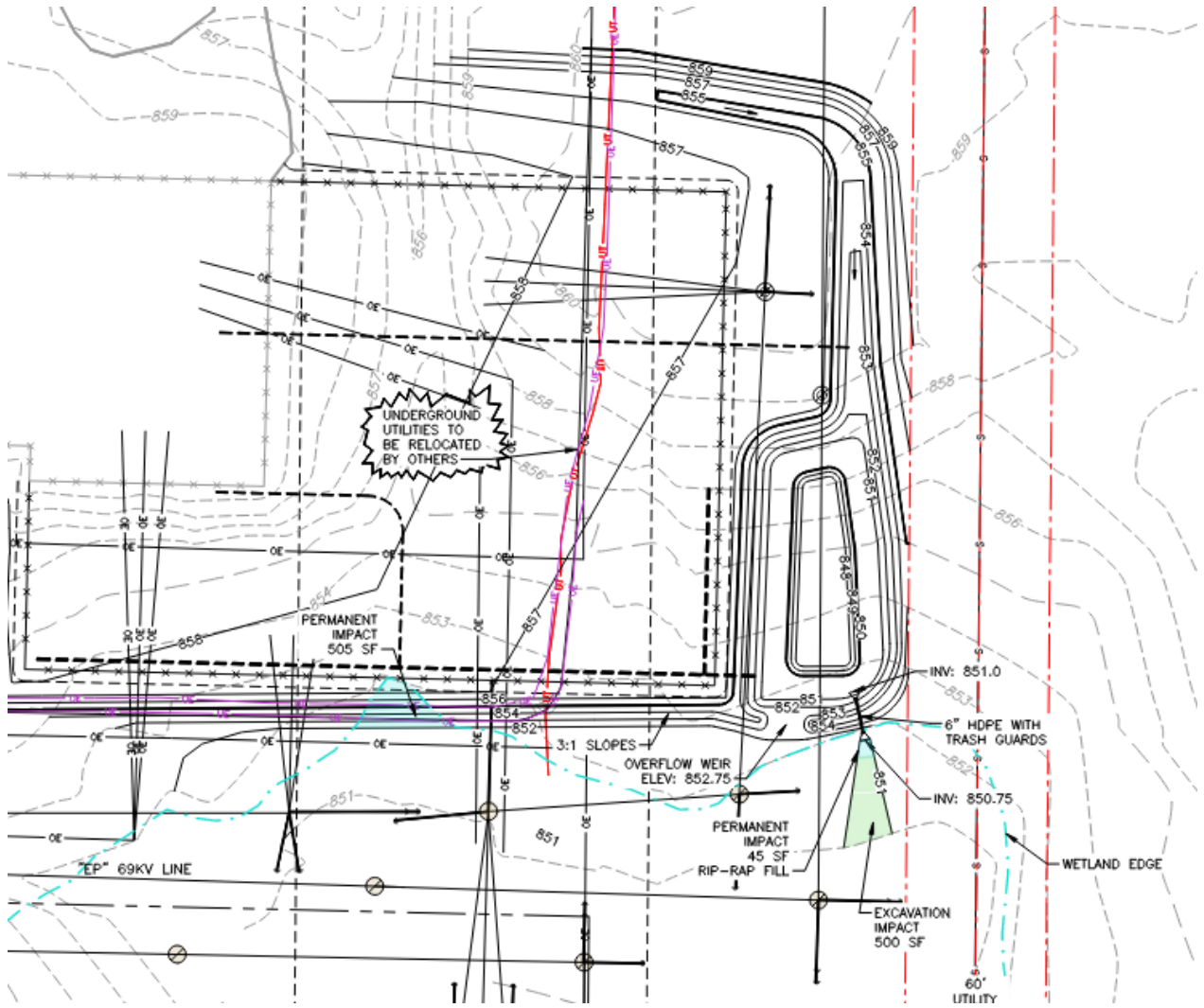


Figure 4: Wetland Impacts

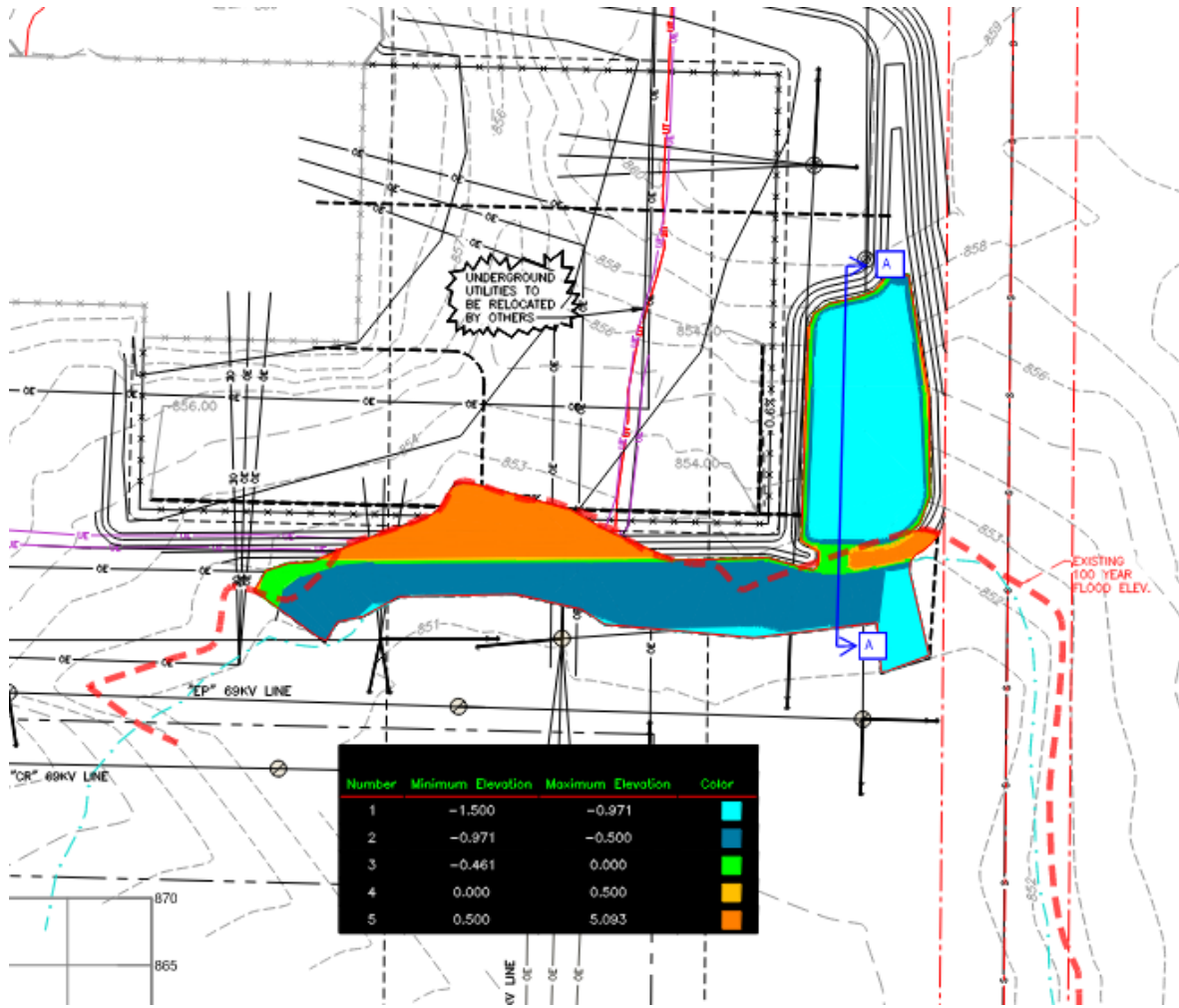


Figure 5: Floodplain Impacts

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 25, 2023
AGENDA NUMBER: 11
ITEM: Red Oaks Drinking Water Contamination Mitigation
Reconstruction Project

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-24-001 Red Oaks Drinking Water Contamination Mitigation Reconstruction Project.

RECOMMENDATION

To approve Permit Application Number P-24-001 with 2 conditions and 2 stipulations, as stated in the Application Review Report dated 3/20/2024.

ATTACHED

Application Review Report for Permit Application Number P-24-001

Permit Application Review Report
Date: 3/20/2024

Applicant/Landowner:

City of Andover
Attn: Jason Law
1685 Crosstown Blvd NW
Andover, MN 55304

Project Name: Red Oaks Drinking Water Contamination Mitigation Reconstruction Project

Project PAN: P-24-001

Project Purpose: Extension of water services and road reconstruction.

Project Location: Red Oaks Development, 138th Avenue, Osage Street, 139th Avenue, Quinn Street, Patridge Street, Nightingale Street, Andover

Site Size: size of parcel - 7.64 acres; size of disturbed area - 7.64 acres; size of regulated impervious surface - 6.07 acres

Applicable District Rule(s): Rule 2, Rule 3, Rule 4

Recommendation: Approve with 2 Conditions and 2 Stipulations

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$5,820.00.

Rule 4.0 – Soils and Erosion Control

2. Update the erosion and sediment control plan to include a note to stabilize soils and soil stockpiles within 7 days of inactivity.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the applicant agrees to these stipulations:

1. Submittal of as-builts for the stormwater management practices and associated structures listed in Tables 2 and 3, including volume, critical elevations and proof of installation for hydrodynamic separators.
2. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001).

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
TSS Correspondence	Bolton & Menk	03/04/2024	03/04/2024
Permit Application	City of Andover	01/19/2024	01/23/2024
Preserver Calculations (3)	Bolton & Menk	02/23/2024	02/26/2024

Groundwater Contamination Documentation	MPCA	01/03/2024	02/26/2024
Drainage Area Map	Bolton & Menk	01/03/2024	02/26/2024
Project Narrative	Bolton & Menk	02/23/2024	02/26/2024
Construction Plans	Bolton & Menk	02/26/2024	02/26/2024

Findings

Description: The project is proposing the extension of water services to a portion of the Red Oaks Manor neighborhood in Andover, MN. This will include a full road reconstruction and storm sewer work. The project will disturb 7.64 acres and will fully reconstruct 6.07 acres. The site drains to Coon Creek. See attached Figure 1: Project Location and Figure 2: Site Plan.

Fees and Escrows (Rule 2.7): The applicant is a government agency and is therefore exempt from an application fee or a review and inspection fee deposit. The applicant will be required to submit a performance escrow in the amount of \$5,820.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (7.64 acres of land disturbance proposed).

Stormwater Management (Rule 3.0): Rule 3.0 applies to the proposed project because it is a public linear project where the sum of the new and fully reconstructed impervious surface equals one or more acres. The Hydrologic Soil Group (HSG) of soils on site are HSG A.

Rate Control: Peak stormwater flow rate at each point of site discharge does not increase from the pre-development condition. The project does not propose an increase in impervious or changes in drainage patterns. Therefore, the rate control standard is considered met.

Volume Control: The proposed project is a public linear project; therefore, the volume reduction requirement is equal to 1 inch over the area of new impervious surface, or 0.5 inches over the sum of the area of new and fully reconstructed impervious surface, whichever is greater. The amount of proposed impervious required to be treated is 265,716 ft², which is the area of new and fully reconstructed impervious surfaces.

The applicant is proposing the Stormwater Management Practices (SMPs) described below:

Drainage Area	Impervious required to be treated (ft ²)	Proposed SMP	TP Removal Factor	Required Water Quality Volume (ft ³)	Water Quality Volume Provided (ft ³)
Subbasin 2	100,188	none	0	4,175	0
Subbasin 1	165,528	none	0	6,897	0
Totals:	265,716			24,357	0

Table 2.

The volume control standard has not been met as shown in Table 2. However, the applicant has made a good faith effort to analyze all potential options for treatment and illustrated that a BMP is not feasible due to site constraints (high groundwater, contamination, existing grades, and floodplain/wetland impacts).

Water Quality: The water quality volume for reconstructed impervious surface is provided to the maximum extent feasible. Stormwater treatment on site must remove at least 80% of the average annual post development TSS per discharge location. The following TSS removal has been provided:

Discharge Point	TSS Removal Provided
Outfall 2	64

Outfall 1	67
-----------	----

Table 4.

The TSS removal standard is not met at each discharge point as shown in Table 4. The applicant has made a good faith effort in reviewing additional TSS removal options and has illustrated that no further TSS removal is feasible. The TSS removal standard is considered met to the maximum extent practicable.

Discharges to Wetlands: Stormwater from the proposed project is being discharged into a wetland. Because there is no new impervious and no change in grade, the amount and rate of stormwater runoff should be the same as in existing conditions. The discharge to wetlands requirement is therefore considered met.

Landlocked Basins: The proposed drainage system does not outlet to a landlocked basin, therefore this section does not apply.

Low Floor Freeboard: The proposed project is not considered new development with buildings and habitable structures; therefore, this section does not apply.

Maintenance:

Access: Sufficient maintenance access has been provided on the plans for all stormwater management practices.

Maintenance Agreements: All proposed stormwater management practices will be maintained as part of standard municipal public work activities. Therefore, no maintenance agreement will be required.

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it is a land disturbing activity that requires a permit under another District rule. The proposed project drains to Coon Creek. The soils affected by the project include Sartell. Disturbed areas are not proposed to be stabilized within 7 days, as required. The proposed erosion and sediment control plan includes inlet protection, perimeter control and hydromulch. The erosion control plan does not meet District requirements because soils and soil stockpiles are not proposed to be stabilized within 7 days of inactivity. See attached Figure 3: Erosion & Sediment Control Plan.

Wetlands (Rule 5.0)

The proposed project does not include activities which result in the filling, draining, excavating, or otherwise altering the hydrology of a wetland. Rule 5.0 does not apply.

Floodplain (Rule 6.0)

The proposed project does not include land disturbing activities within the floodplain as mapped and modeled by the District. Rule 6.0 does not apply.

Drainage, Bridges, Culverts, and Utility Crossings (Rule 7.0)

The proposed project does not include land disturbing activities which construct, improve, repair, or alter the hydraulic characteristics of a bridge profile control or culvert structure on a creek, public ditch, or major watercourse. The proposed project does not include land disturbing activities which involve a pipeline or utility crossing of a creek, public ditch, or major watercourse.

The proposed project does not include land disturbing activities which construct, improve, repair or alter the hydraulic characteristics of a conveyance system that extends across two or more parcels of record not under common ownership and has a drainage area of 200 acres or greater. Rule 7.0 does not apply.

Buffers (Rule 8.0)

The proposed project does not include a land disturbing activity on land adjacent or directly contributing to a Public Water, Additional Waters, High or Outstanding Ecological Value Waters, a

Public Ditch, or Impaired Waters/waters exceeding state water quality standards. Rule 8.0 does not apply.

Variations (Rule 10.2)

The proposed project is not requesting a variance from the District's rules, regulations, and policies. Rule 10.2 does not apply.



Figure 1: Project Location

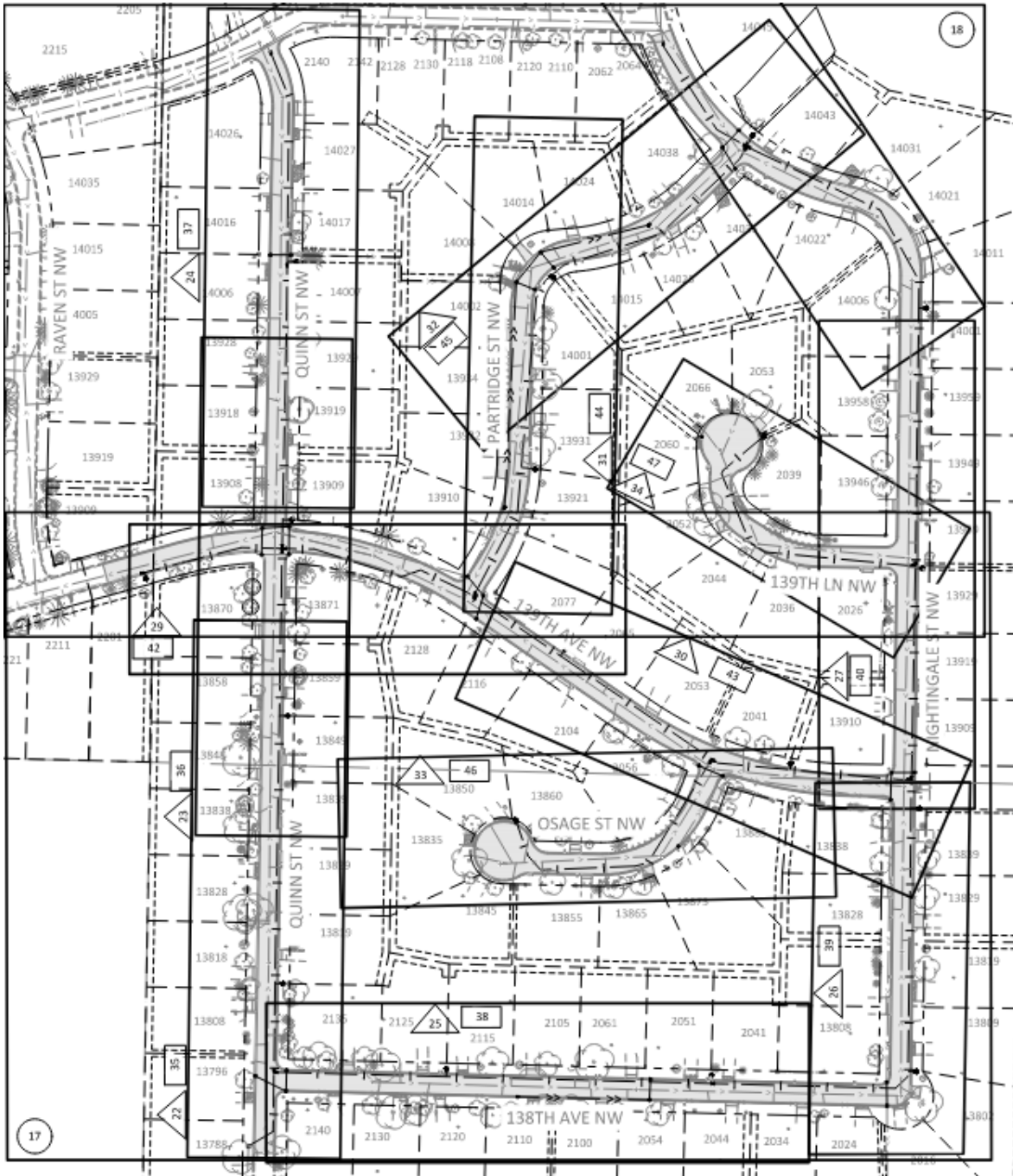


Figure 2: Site Plan

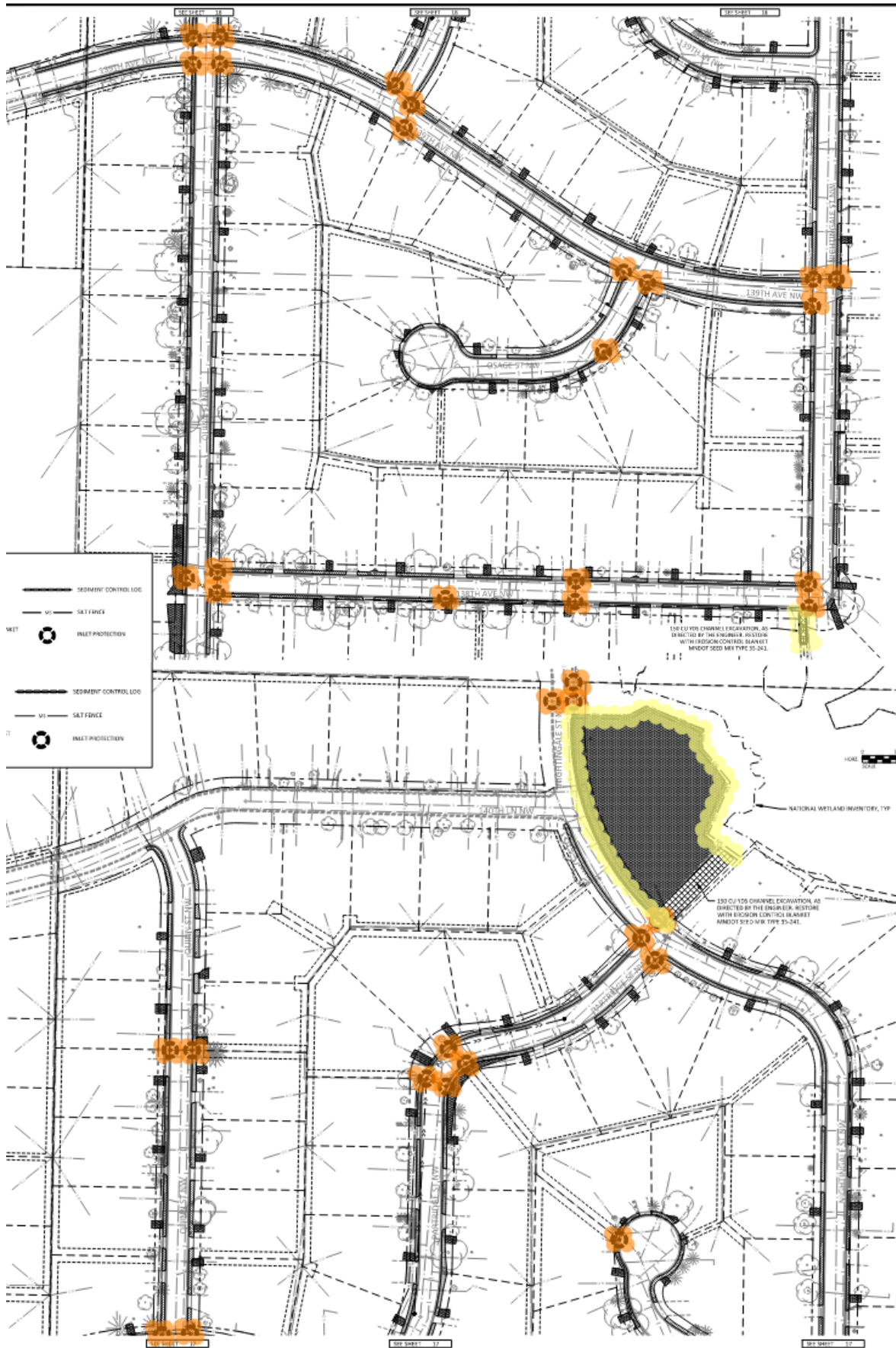


Figure 3: Erosion & Sediment Control Plan

https://www.hometownsource.com/abc_newspapers/community/blaine/9-delistings-tied-to-work-backed-by-clean-water-funds/article_79aae91c-e09b-11ee-a6b4-1fd897c5ade0.html

9 delistings tied to work backed by Clean Water Funds

By Minnesota Board of Water and Soil Resources

Mar 18, 2024



Bordered by a city park, Golden Lake is popular among paddlers and anglers. The 55-acre lake lies within Anoka County. Clean Water Funds supported the Anoka Conservation District's iron-enhanced sand filter projects designed to reduce phosphorus-loading. Photo Credit: Rice Creek Watershed District

Photo Credit Rice Creek Watershed District

BWSR grants support conservation partners' projects contributing to water-quality improvements in lakes, river reaches and stream segments

Clean Water Funds from the Minnesota Board of Water and Soil Resources supported conservation work that contributed to seven lakes, one river reach and one stream segment's proposed removal from the state's impaired waters list. Those nine water bodies are among 27 slated for delisting this year.

Minnesota Pollution Control Agency staff is responding to the 236 comments submitted during a 60-day comment period that ended in mid-January, and will submit the list to the EPA by April 1. The EPA has 30 days to respond.

The following summarizes the Clean Water Fund-backed work.

The Anoka Conservation District Golden Lake

Bisected by an Anoka County ditch and bordered by a Circle Pines city park, 55-acre Golden Lake feeds into Rice Creek south of the Rice Creek Chain of Lakes. Golden Lake is popular among local paddlers and those who visit Golden Lake Park, which has a public launch, beach and fishing pier.

Situated in a fully developed area of the Twin Cities metro, the lake was listed as impaired for aquatic recreation in 2002, based on excessive nutrients.

The Anoka Conservation District's phosphorus-reduction work with partners to install two iron-enhanced sand filters was supported by two Clean Water Fund grants BWSR awarded to the district.

"Without the Clean Water Fund, neither of these projects would have gone in the ground. Typically, the financial hurdles are often the hardest to get over, and the Clean Water Fund provides a fantastic opportunity to bridge that gap," said Mitch Haustein, Anoka Conservation District stormwater and shoreland specialist.

Working with the city of Blaine, the Rice Creek Watershed District and an \$88,950 Clean Water Fund grant awarded in 2014, the district retrofitted a stormwater treatment pond in Blaine with an iron-enhanced sand filter bench, estimated to achieve 11% of phosphorus-reduction goals needed to meet state water-quality standards.

A \$467,970 Clean Water Fund grant awarded in 2017 supported a pump-controlled

iron-enhanced sand filter basin installed near an existing stormwater pond on Circle Pines-owned property adjacent to Golden Lake. The project targeted dissolved phosphorus entering the pond from Anoka County Ditch 53-

62, which carries stormwater runoff from about 6,425 acres. The project keeps an estimated 50 pounds of phosphorus from entering the lake annually. Partners included the city of Circle Pines and the RCWD.

The projects topped the list of those identified in the Anoka Conservation District's stormwater retrofit analysis for Golden Lake, which modeled water-quality benefits and considered cost-effectiveness.

Over the past eight years, RCWD monitoring data show phosphorus levels are down 20% to 50% compared with the longtime average. Golden Lake monitoring records date back to 1976.

The Blaine project was completed in 2015 at Centennial Green Park. An iron-enhanced sand filter bench was installed along the perimeter of an existing stormwater pond, which captures runoff from about 200 acres. Water now filters through the pond bench before entering the ditch. The project keeps an estimated 27 pounds phosphorus out of the lake annually. The city of Blaine handles operations and maintenance.

The Circle Pines project was completed in 2019 on city-owned land northwest of the lake. Here, water is pumped from the existing pond (at a lower elevation) to two iron-enhanced sand filter beds. Water is drained and filtered before it reaches an outlet to the lake. Designed to remove 50 pounds of dissolved phosphorus a year, the project has a 25-year lifespan. The city is responsible for operations and maintenance.

“Because both of these ISFs (iron-enhanced sand filters) are in public park locations, they are highly visible and, I think, bring a public awareness about water-quality

issues in the lake. As a result, maybe some of those lakeshore landowners have become more interested in that, and interested in learning about what they can do on their own property to help the lake. Shoreline restoration and stabilization projects are one of the things that they can do and have done,” said Haustein, whose duties include facilitating work among partners, coordinating project design, and overseeing construction and inspections.

Haustein said the delisting reflected hard work by many organizations, including the watershed district, cities, lakeshore residents – and the residents within the watershed contributing to water-quality improvements by controlling runoff on their own properties.

“Delistings don’t happen every day. That’s very exciting,” Haustein said.

Matt.DeBow@apgecm.com

https://www.hometownsource.com/abc_newspapers/news/local/coon-rapids-city-council-increases-utility-rates/article_a65b3a4e-e162-11ee-a013-0395327618ea.html

Coon Rapids City Council increases utility rates

Mar 13, 2024

See bottom of page 2 re: Stormwater rates and future funding needs

By Peter Bodley

Contributing writer

Rates for all three city utilities (sanitary sewer, water and storm drain) were increased by the Coon Rapids City Council March 4.

Through the unanimous action, sanitary sewer charges will go up 12%, water by 8% and storm drain by 5%, effective with the May 1 quarterly billing cycle.

The increase will average 7 to 8% depending on property type and usage patterns with the average residential user seeing an annual hike of \$48.58 or \$12.15 a quarter.

Finance Director Ashley Hansen said that the sanitary sewer, water and storm drain funds are self-supporting and capital intensive (major maintenance and aging infrastructure replacement) with no property tax support, and are operated like a private enterprise.

“The city intends to take a proactive approach to address aging infrastructure and makes decisions with the long term in mind,” Hansen said.

A 2022 rate study on the water and sanitary sewer accounts put in place a long-range funding plan, and a similar study is now under way for the storm drain fund,

she said.

The 12% sanitary sewer rate increase – the first since 2017 – is to cover operating costs and major maintenance/replacement of infrastructure (sewer pipes and sewer lining), as well as Metropolitan Council Environmental Service disposal charges, which have gone up for the city by 7.87% this year.

The sewer rate structure will be simplified by consolidating base fees, which are now separate depending on property type, Hansen said.

For example, the base fees for single-family, duplex and townhouse/condominium properties with their own meter will become one residential (per dwelling) charge.

There was a “modest” increase in water rates last year when the overall rate structure was adjusted to reduce the size of residential tiers and an additional tier was added for commercial users.

A main driver of the water rate increase is infrastructure improvements - completion of the new water tower which is now under construction; removal of the existing Foley Boulevard water tower; and replacement of aging and deteriorated watermains as part street reconstruction projects (\$4 million has been included in the 2024 budget).

In the near future, the city is planning a large project to replace aging water mains in the Thompson Park neighborhood, Hansen said.

Storm water rates were last raised in 2019, but the city anticipates more money will be needed for future projects to address surface water and flooding issues.

For example, the federal Clean Water Act has a Total Maximum Daily Load provision dealing with the amount of pollutants allowed to enter a body of water

without impacting water quality standards, which until now has not been enforced, Public Works Director Tim Himmer said.

“That is changing,” Himmer said.

Making the motion to approve the rate increases, Council Member Kari Rehrauer said the utility system is one of the most important services the city provides and she supported the proactive approach.

Council Member Pat Carlson said while the rate increases “trouble me,” they are preferable to bonding and going into debt. “There are some large projects on the horizon and we need to build up the funds,” he said.

Council Member Brad Greskowiak, who complimented Hansen for her work, “totally agreed” with Carlson. The council has had several work sessions on this issue to reach an informed decision and the increases are necessary.

The city is divided into three districts for quarterly utility billing purposes. Property owners in District A will see the rate increase in their May 1 billing, District B with the June 1 bill and District C with the July 1 bill.