

BOARD MEETING AGENDA

Board Room
Coon Creek Watershed District
Offices Monday, April 8, 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 25, 2024**
- 6. Administrators Report**
- 7. Advisory**
- 8. Approve Bills for Payment**

POLICY ITEMS

None

PERMIT ITEMS

- 9. 152nd Ave Culvert Replacement**
- 10. Coon Creek Trail**
- 11. NSC Field and Turf Campus Improvements**
- 12. Pleasure Creek Parkway Improvements**

DISCUSSION ITEMS

- 13. Draft Annual Report**

INFORMATIONAL ITEMS

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 25, 2024, at the Coon Creek Watershed District Office.

1. Call to Order

The meeting was called to order at 5:32 PM

Board Members Present: James Hafner, Erin Lind, Dwight McCullough, & Mary Campbell

Board Members Not Present: Jason Lund

Staff Present: Tim Kelly, Corinne Elfelt, & Michelle Ulrich

Staff Present via Zoom: Bobbie Law, Dawn Doering, Erin Margl, & Eileen Weigel

2. Approval of the Agenda

Board Member Campbell moved to amend the agenda, moving Permit Items 8 – Complete Auto and 9 – Meadow Creek Construction to the Consent Agenda. Seconded by Board Member McCullough. The motion carried with 4 yeas (Board Members Lind, Campbell, McCullough, and Hafner) and no nays.

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

3. Announcements

District Planning Coordinator, Erik Bye, and his wife will be having a baby soon.

4. Open Mic/Public Comment

No one was present for comment.

CONSENT ITEMS

5. Approval of Minutes of March 11, 2024

6. Approval of Bills:

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
Grand total	297,126.19

The following Permit Items were moved to the Consent Agenda.

8. Complete Auto

The purpose of this project, located at Aberdeen Street NE in Blaine, is to construct a new commercial building, parking areas, and stormwater treatment practices.

The staff recommendation was to approve permit application number P-24-005 with 3 conditions and 3 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 \$2,255.00.

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.

9. Meadow Creek Reconstruction

The purpose of this project, located in Ham Lake, is to reconstruct 163rd Lane and Isanti Street NE.

The staff recommendation was to approve permit application number P-22-048 with 2 conditions and 2 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 \$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).

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

POLICY ITEMS

7. 2025 Budget Process & Calendar

Administrator Kelly reviewed the proposed budget calendar process. Kelly explained that final figures for the benefits will not be in until mid-September, so the best estimate will have to be made before that to meet the budget adoption process deadline.

The Board discussed the Board Tour and when it will occur. While it is currently scheduled for the 3rd Monday in June, the Board would like to discuss further options for the tour including moving it to a daytime Board Meeting followed by the Board Tour on June 17 since at least two board members will not be able to attend the June 24th meeting. The consensus of the Board is that they would like to have the tour with a date and time yet to be discussed and determined.

Board Member Lind moved to approve the 2025 Budget Process and Calendar with the date and time of the Tour yet to be determined. Seconded by Board Member Hafner. The motion carried with 4 yeas (Board Members Lind, Campbell, McCullough, and Hafner) and no nays.

PERMIT ITEMS

10. Parkwood Substation

The purpose of this project, located at the Great River Energy Parkwood Substation in Coon Rapids, is to expand an electrical substation with an associated stormwater treatment pond.

Ms. Margl gave an overview and welcomed questions. Board Member McCullough clarified that the substation was electrical. Managers discussed the project location.

The staff recommendation was to approve permit application number P-23-042 with 3 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 \$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.

Board Member Campbell moved to approve permit application number P-23-042 with 3 conditions and 4 stipulations. As stated in the Application Review Report. Seconded by Board Member McCullough. The motion carried with 4 yeas (Board Members Lind, Campbell, and McCullough) and no nays.

11. Red Oaks Groundwater Contamination Mitigation

The purpose of this project, located at the Red Oaks Development in Andover, is to extend water services and road reconstruction.

The staff recommendation was to approve permit application number P-24-001 with 2 conditions and 2 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 \$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).

Member Cambell moved to approve permit application number P-24-001 with 2 conditions and 2 stipulations. As stated in the Application Review Report. Seconded by Board Member Lind. The motion carried with 4 yeas (Board Members Lind, Campbell, McCullough, and Hafner) and no nays.

DISCUSSION ITEMS

None

INFORMATIONAL ITEMS

12. Local article in Blaine Life - 9 (TMDL) De-listings, written by Board of Water and Soil Resources (BWSR)

This article outlines the seven lakes, one river, and one stream being proposed for removal from the state's impaired waters list and the Clean Water Fund-backed work completed. The article states that "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."

13. Local article in Union Herald – Coon Rapids City Council increases utility rates

This article announced the increase in utility rates effective March 4th, 2024, in the City of Coon Rapids. The three utility costs increasing were sewer, water, and storm drains.

ADJOURN

Board Member McCullough moved to adjourn at 6:04 p.m. Seconded by Board Member Campbell. Motion carried with 4 yeas (Board Members Lind, Campbell, McCullough, and Hafner) and no nays.

President

Draft

**COON CREEK WATERSHED DISTRICT
Request for Board Action**

MEETING DATE: March 11, 2024
AGENDA NUMBER: 6
ITEM: Administrator’s Report

AGENDA: Consent

REQUESTED ACTION:

Receive report.

ADMINISTRATOR’S EVALUATION

Upcoming Board Considerations

- Public Hearing on Comprehensive Plan and Comments
- Permit Review Fee structure and amounts.

District Capacity and Capability

The District possesses the required resources and is mostly trained to undertake most of its legislative mission for which it is organized or designed.

The District can accomplish most required tasks to standard under most conditions.

OPERATING ENVIRONMENT

Legislature: convened February 12. Minnesota Watersheds Legislative Priorities are:

Legislation Tracked by Staff

File Numb	Title	Status
HF4658	Granting ACD Taxing Authority	House Tax Committee: Property Tax Subdivision
SF3782/HF3582	Capital Project Replacement Accounts	Capital Investment Committee
HF 2354/ SF2679	Drainage Registry	House Environment and Natural Resources Finance and Policy
HF3565Hollins/ SF3954Putman.	Support Limited Liability Protections to Certified Commercial Salt Applicators	House Environment and Natural Resources Committee
SF3684	Prohibiting unproductive conservation lands from becoming benefitted property under state drainage laws	Environment, Climate, and Legacy
HF3584Lee/ SF3784Pappas. D	Debt capacity reporting by political subdivisions is required	Capital Investment Committee

HF3385Pursell/ SF3558 Kunesh. A	Minnesota Department of Natural Resources (DNR) Regulatory Authority over Public Drainage Maintenance and Repairs	legislation was not included in the Environment Policy Omnibus bill.
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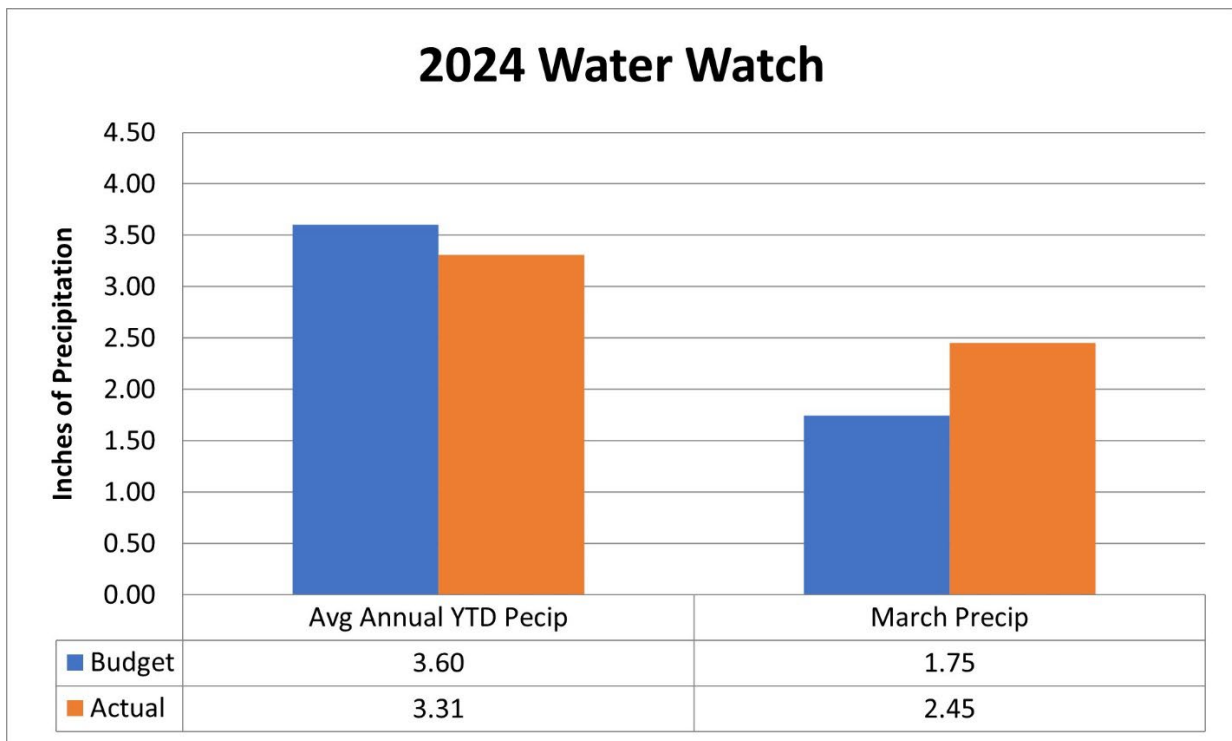
Rule Making:

Rule	Status
MN Plumbing Board and Stormwater Surcharge	Temporarily tabled

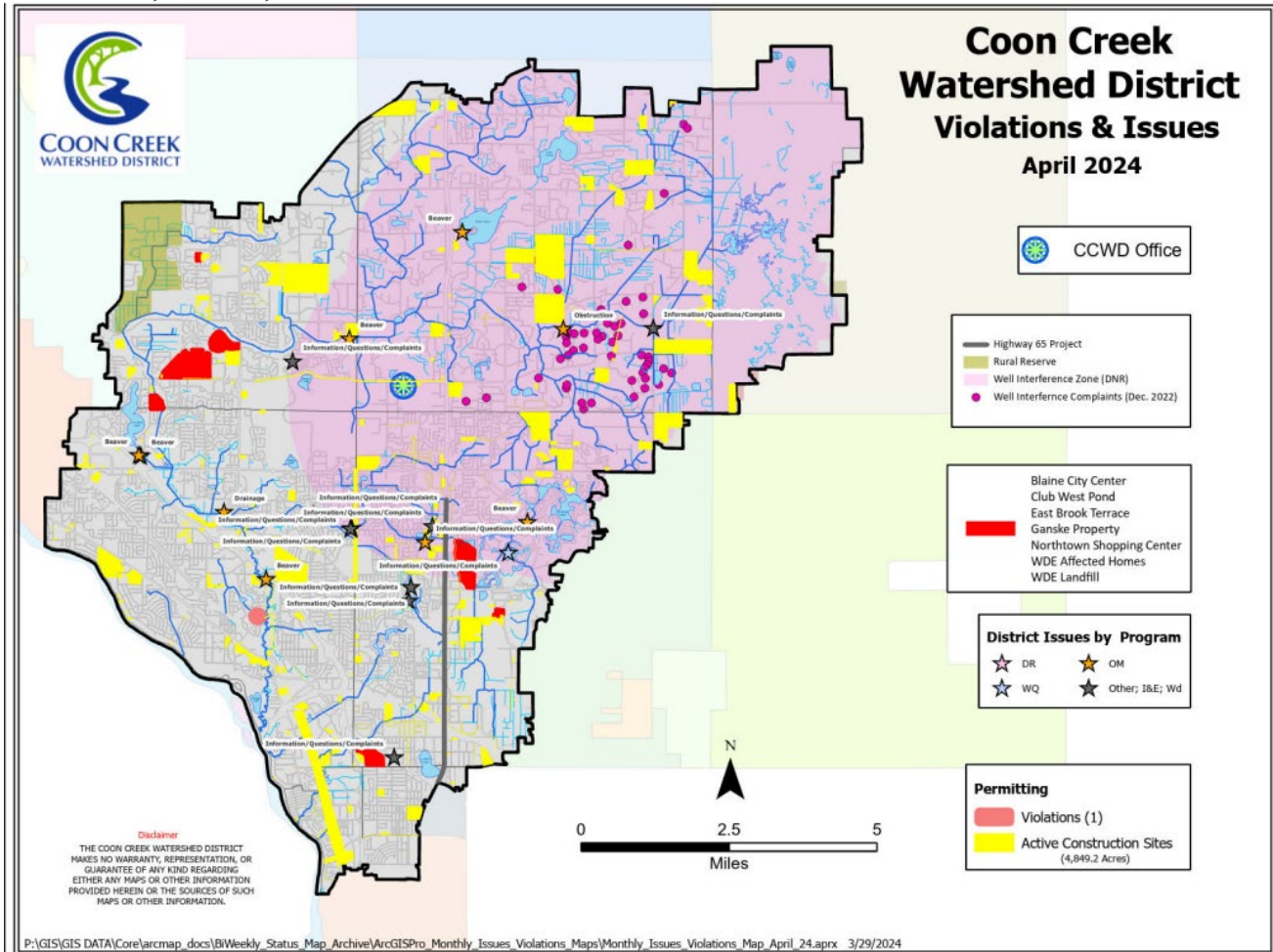
CURRENT MANAGEMENT SITUATION

The District averaged *12 inches* of snow and *1.2 inches* of rain in the month of March. Combined, this equates to a water equivalency of **2.5 Inches**. That leaves the District *0.70 inches* or 40% above for the month and *0.3”* or 8% below for the year.

After spending four weeks in Moderate Drought, the District is now considered Abnormally Dry. Streams and ditches are in the normal range for flow and level after the recent precipitation. The current springtime flood risk is low due to adequate storage on the landscape, lack of snowpack, and a mostly dry forecast.



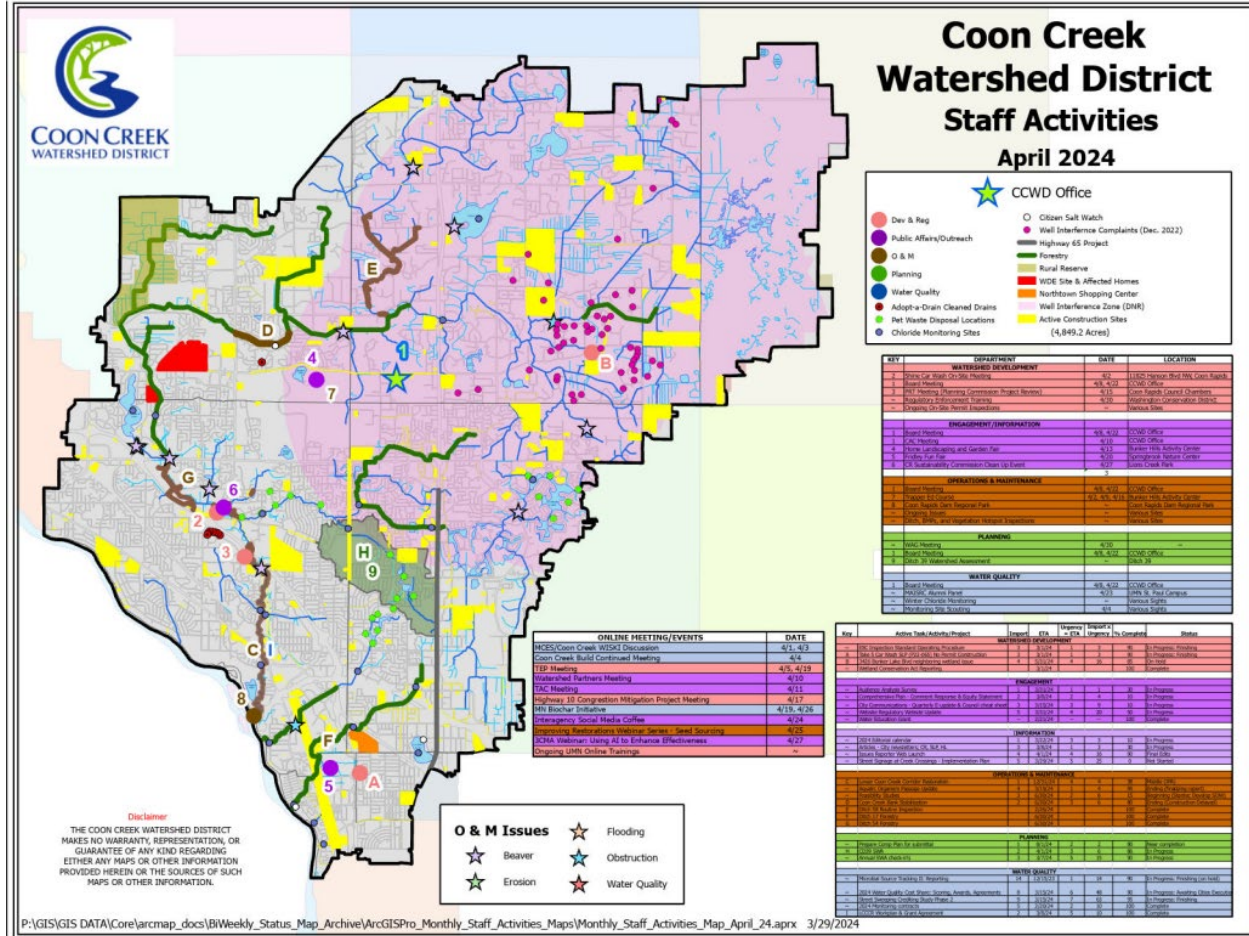
Problems, Issues, and Concerns



Collaborator Actions

Collaborator	Description
Andover	-
Anoka Conservation District	A bill granting taxing authority to ACD Taking orders for the annual tree sale
Anoka Highway Department	-
Blaine	Reviewing stormwater utility rates
Columbus	-
Coon Rapids	Has increased its storm water utility fee to adjust for increasing costs and to address TMDL
Fridley	Completing Apex pond
Ham Lake	Staff discussing boundary accuracy between Coon Creek and Upper Rum WMO
Spring Lake Park	-

STAFF ACTIVITIES



Special Projects

Anoka County Transition:

Benefit Replacement: Initiating meeting with county and consultant to sort through payroll and benefits issues. Have requested an estimated cost to replace in-kind benefits for use in the 2025 budget

Comp Plan Review:

- Review of Comp Plan Completed. Reviewing and preparing responses to comments.

TH 65: No update.

MANAGEMENT DISPOSITION

Financial Position:

Coon Creek Watershed District

CCWD - Budget Report

As of Date:

03/31/2024

	Year Ending	Year To Date		Variance YTD	
	12/31/2024	CCWD 2024 Budget YTD	Actual Expenses YTD		
Revenue					
Property Taxes	4,965,765.00	1,241,442.00	0.00	1,241,442.00	-100%
Fees & Charges	298,423.00	74,607.00	34,811.33	39,795.67	-53%
Grants	314,539.00	78,636.00	0.00	78,636.00	-100%
Other Revenue	28,042.00	7,011.00	47,762.71	(40,751.71)	581%
Total Revenue	5,606,769.00	1,401,696.00	82,574.04	1,319,121.96	-94%
Expense					
Salaries & Benefits	1,981,605.00	495,405.00	285,373.07	210,031.93	-42%
Professional Services	1,515,000.00	378,756.00	146,832.34	231,923.66	-61%
Operating Expenses	1,294,651.00	323,667.00	192,732.71	130,934.29	-40%
Program Expense	2,810,642.00	702,669.00	207,344.92	495,324.08	-70%
Capitalized Expenses	166,708.00	41,679.00	35,567.32	6,111.68	-15%
Total Expense	7,768,606.00	1,942,176.00	867,850.36	1,074,325.64	-55%

Coon Creek Watershed District

Cash Balance

As of Date:

03/31/2024

	Escrow Fund	General Fund	All Funds
	Month Ending	Month Ending	Month Ending
	03/31/2024	03/31/2024	03/31/2024
Cash and Cash Equivalents			
Cash	1,953,933.62	(2,242,954.56)	(289,020.94)
Petty Cash	0.00	250.00	250.00
Investment Account	2,870.00	3,338,399.69	3,341,269.69
Total Cash and Cash Equivalents	1,956,803.62	1,095,695.13	3,052,498.75

March started with an operational fund balance of approximately \$1,388,542.04

Change in net cash position was -\$292,846.91

Balance of the escrow trust fund is \$1,928,468.62

One month into the fiscal year, the budget variance is - 15% less than planned.

Equipment and Facilities:

All equipment is in good working condition.

Staffing:

- Health: The overall health of staff is good.
- Personnel Manual: The rewrite of the personnel manual has started as prep for the major revisions coming in 2025 following complete separation from the County.
- Staff Availability:
 - Over the month of April, the District staffing will be at 91%
 - One staff member is out on FMLA until 4/22

- Vacancies/New Hires
 - No vacancies.
 - Have hired two student interns to focus on permitting and water quality.

Sustaining Effort:

- Recruitment: The student worker position has been filled. Will Umhoefer started 3/6/24
- Succession Planning: Development of the Succession Plan continues.

Training

None scheduled for April

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: April 8, 2024
AGENDA NUMBER: 7
ITEM: Advisory Committees Report

AGENDA: Policy Discussion Information

ACTION REQUESTED

Receive Report

BACKGROUND

The Citizen Advisory Committee (CAC) met in a hybrid format on March 13th. The Technical Advisory Committee (TAC) met in a hybrid format on March 14th.

- The next CAC meeting scheduled: April 10th at 4:30 pm hybrid with Zoom.
- The next TAC meeting scheduled: April 11th at 8:30 am hybrid with Zoom.

ISSUES/CONCERNS

Citizen Advisory Committee (CAC)

All CAC members were present in person at the CCWD office except Mr. MacPherson who attended the meeting virtually. CCWD staff members, Jessica Lindemyer and Erik Bye were also in attendance. The meeting was chaired by Mr. Paddy Jones.

1. Open Forum: There was a general discussion about, and consensus to move forward with, delegating the role of meeting recorder to District Staff.
2. District Update: Jessica informed the CAC that the District will have two interns for the summer. One will be working with Watershed Development to complete construction site inspections and the other will be working with Water Quality to assist with various water monitoring activities.
3. Staff Spotlight: The CAC welcomed Planning Coordinator, Erik Bye, to the meeting. Erik introduced himself and provided an overview of the work he performs as Planning Coordinator.
4. Comprehensive Plan Comments: Erik gave an overview of the comprehensive plan process to-date, comments received, and the predicted timeline for final approval and adoption.

There was a general discussion about how the goals in the draft plan were developed and what the process is for responding to comments.

Technical Advisory Committee (TAC)

About half of the TAC members were present; absent were Anoka Conservation District, Columbus, Board of Water & Soil Resources, Fridley, and Spring Lake Park.

1. Management Situation

Many of TAC members were absent due to spring break.

Tim Kelly provided the TAC with a brief update on recent weather and hydrology. The landscape is dry with low flood potential.

2. Comprehensive Plan Comments

Planning Coordinator, Erik Bye, provided a summary of the comments received on the district's draft Comprehensive Plan. Comments were received from 2 cities, 7 agencies, and 1 individual for a total of 298 total comments. While comment review is still underway, staff were able to organize the submitted comments into six different categories: Grammar/Formatting, Funding, Groundwater, Management, Plain Language, and Regulation/Protection.

At this time, the District anticipates holding the required public hearing in July and submitting the Plan for final approval by the Board of Soil and Water Resources in August.

3. 2025 Budget Process/Calendar

Tim Kelly informed the TAC of the District's 2025 Budget timeline and inquired about the status of other entities' budget process. All present TAC members confirmed that their organizations have either begun the 2025 budget process or will be starting it in April.

RECOMMENDATION

Receive Report

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: April 8, 2024
AGENDA NUMBER: 8
ITEM: Bills to Be Paid

FISCAL IMPACT: Budgeted
POLICY IMPACT: Policy

REQUEST
 Approve bills

BACKGROUND

Claims totaling \$95,510.48 on the following disbursement(s) list will be issued and released upon Board approval.

Vendor	Amount
V0008--US BANK	3,168.22
V0010--A1 FLOOR AND CARPET CARE INC	1,076.25
V0013--AMERICAN RED CROSS	2,188.00
V0015--ANOKA COUNTY MN	172.86
V0030--CONNEXUS ENERGY	239.84
V0038--ENVIRONMENTAL SYSTEMS RESEARCH INST INC ESRI	2,767.00
V0044--HAMLINE UNIVERSITY	5,000.00
V0052--LOFFLER COMPANIES INC	42.62
V0054--MICHELLE J ULRICH PA	6,052.00
V0090--CENTERPOINT ENERGY-UTILITY	259.82
V0111--WELL GROOMED LAWNS INC	1,732.00
V0195--STANTEC CONSULTING SERVICES INC	882.00
V0195--STANTEC CONSULTING SERVICES INC	21,797.92
V0195--STANTEC CONSULTING SERVICES INC	9,534.00
V0195--STANTEC CONSULTING SERVICES INC	3,290.50
V0195--STANTEC CONSULTING SERVICES INC	25,963.90
V0221--ABDO LLP	2,750.00
V0221--ABDO LLP	3,327.50
V0228--EPG COMPANIES INC	1,333.50
V0237--EMMONS AND OLIVIER RESOURCES INC	3,029.25
V0286--CUSTOM SOLUTIONS MANUFACTURING INC	903.30
Grand total	95,510.48

Item 8: Bills to be Paid Page 2 of 3

Company name:	Coon Creek Watershed District										
Created on:	4/4/2024	Vendor name	Bill number	Date	Fund name	Department name	Account	Capital Project ID	Grant ID	Transaction amount	Memo
01883-0001-15		EMMONS AND OLIVER RESOURCES INC	01883-0001-15	3/20/2024	General Fund	Planning	63246	PROJ23-301	G2-003	3,029.25	PROJ01883-0001 SWEEP STUDY MAR24
Sum for 01883-0001-15										3,029.25	
0424CCWD		A1 FLOOR AND CARPET CARE INC	0424CCWD	4/3/2024	General Fund	Administration	61105			1,076.25	APR2024 CLEANING SERVICE
Sum for 0424CCWD										1,076.25	
10982621-4 MAR24		CENTERPOINT ENERGY UTILITY	10982621-4 MAR24	3/19/2024	General Fund	Administration	62225			259.82	10982621-4 MAR24
Sum for 10982621-4 MAR24										259.82	
2024 MBSP CCWD		HAMLIN UNIVERSITY	2024 MBSP CCWD	4/8/2024	General Fund	Public & Governmental Affairs	61549	PROJ24-618		5,000.00	24 MBSP CLEAN WATER MAIN ADOPT DRAIN
Sum for 2024 MBSP CCWD										5,000.00	
2024 PROPERTY TAXES		ANOKA COUNTY MN	2024 PROPERTY TAXES	4/8/2024	General Fund	Administration	62228			172.86	2024 PROPERTY TAXES FULL YR PMT
Sum for 2024 PROPERTY TAXES										172.86	
2213163		STANTEC CONSULTING SERVICES INC	2213163	3/27/2024	General Fund	Watershed Development	63246			882.00	PROJ227706624 MAR24 WCA
Sum for 2213163										882.00	
2213343		STANTEC CONSULTING SERVICES INC	2213343	3/28/2024	General Fund	Watershed Development	63246			21,797.92	PROJ227706623 MAR24 PERMITS
Sum for 2213343										21,797.92	
2213344		STANTEC CONSULTING SERVICES INC	2213344	3/28/2024	General Fund	Administration	63246			3,773.00	PROJ227706627 MAR24 GEN ENGR
		STANTEC CONSULTING SERVICES INC	2213344	3/28/2024	General Fund	Planning	63246	PROJ24-302		4,879.00	PROJ227706627 MAR24 D39
		STANTEC CONSULTING SERVICES INC	2213344	3/28/2024	General Fund	Planning	63246	PROJ24-303		882.00	PROJ227706627 MAR24 D37
Sum for 2213344										9,534.00	
2213346		STANTEC CONSULTING SERVICES INC	2213346	3/28/2024	General Fund	Water Quality	61549	PROJ24-522		196.00	PROJ227706629 MAR24 FC POND OUTLET MOD
		STANTEC CONSULTING SERVICES INC	2213346	3/28/2024	General Fund	Water Quality	63595	PROJ24-524		1,415.50	PROJ227706629 MAR24 SAND CRK ADOPT
		STANTEC CONSULTING SERVICES INC	2213346	3/28/2024	General Fund	Water Quality	63595	PROJ24-516		1,679.00	PROJ227706629 MAR24 GRD LOCK
Sum for 2213346										3,290.50	
2213347		STANTEC CONSULTING SERVICES INC	2213347	3/28/2024	General Fund	Planning	63246	PROJ24-311		7,401.50	PROJ227706630 MAR24 FISH POND ENHANCEMENT
		STANTEC CONSULTING SERVICES INC	2213347	3/28/2024	General Fund	Administration	63246			1,913.90	PROJ227706630 MAR24 GEN ENGR
		STANTEC CONSULTING SERVICES INC	2213347	3/28/2024	General Fund	Administration	63246			16,648.50	PROJ227706630 MAR24 GEN ENGR
Sum for 2213347										25,963.90	
22672788		AMERICAN RED CROSS	22672788	3/20/2024	General Fund	Administration	61355			2,188.00	15 CPR FIRST AID / AED TRNG COURSE FEES
Sum for 22672788										2,188.00	
25262		WELL GROOMED LAWNS INC	25262	3/29/2024	General Fund	Administration	61250			1,732.00	MAR24 FLOWING
Sum for 25262										1,732.00	
4655672		LOFFLER COMPANIES INC	4655672	4/1/2024	General Fund	Administration	62124			42.62	ACCT CC16 MAR24
Sum for 4655672										42.62	
486475		ABDO LLP	486475	3/31/2024	General Fund	Administration	63052			2,750.00	SCP-1759 Check Modifications
Sum for 486475										2,750.00	
486505		ABDO LLP	486505	3/31/2024	General Fund	Administration	63052			3,327.50	Prof Financial Svcs Mar 24
Sum for 486505										3,327.50	
64666		EPG COMPANIES INC	64666	3/18/2024	General Fund	Operations & Maintenance	61251			1,333.50	SO 40986 FILTER REPAIR PCN BIESF
Sum for 64666										1,333.50	
828846-253758 MAR24		CONNEXUS ENERGY	828846-253758 MAR24	3/25/2024	General Fund	Administration	62226			239.84	828846-253758 MAR24
Sum for 828846-253758 MAR24										239.84	
94698334		ENVIRONMENTAL SYSTEMS RESEARCH INST INC	94698334	4/2/2024	General Fund	Administration	61575			2,767.00	ORDER 4630768 AFGCS LICENSE SUBSCRIPTION
Sum for 94698334										2,767.00	
Charge payoffs - 316		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			130.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			12.91	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Operations & Maintenance	20020			37.12	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Operations & Maintenance	20020			35.04	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Operations & Maintenance	20020			36.99	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Operations & Maintenance	20020			120.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Operations & Maintenance	20020			49.74	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Water Quality	20020			8.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			138.35	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			24.86	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			89.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			1,249.85	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			506.09	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			87.98	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			99.36	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			41.81	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			37.45	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			32.37	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			53.69	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			18.24	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			8.31	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			-2,436.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			56.94	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			48.60	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Public & Governmental Affairs	20020			56.20	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			19.98	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			127.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			-89.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			81.04	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			71.74	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Water Quality	20020			19.82	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Public & Governmental Affairs	20020			71.82	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Public & Governmental Affairs	20020			5.69	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			42.97	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			38.13	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			-40.06	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			295.52	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			132.12	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			539.96	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Administration	20020			101.94	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			320.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			130.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			165.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			170.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			225.00	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			31.65	
		US BANK	Charge payoffs - 316	4/8/2024	General Fund	Watershed Development	20020			165.00	
Sum for Charge payoffs - 316										3,168.22	
MAR2024 LEGAL		MICHELLE JULICH PA	MAR2024 LEGAL	4/1/2024	General Fund	Administration	63453			6,052.00	MAR2024 LEGAL
Sum for MAR2024 LEGAL										6,052.00	
PAN18-053		CUSTOM SOLUTIONS MANUFACTURING INC	PAN18-053	4/8/2024	Escrow Fund	Administration	24210			903.30	PAN18-053 ESCROW REF-CUSTOM SOLUTIONS BLDG & PKG LOT ADDN
Sum for PAN18-053										903.30	
Sum Total										95,510.48	

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: April 8, 2023
AGENDA NUMBER: 9
ITEM: 152nd Avenue Culvert Replacement

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-065 152nd Avenue Culvert Replacement East of Jackson Street in Brook View Meadows.

RECOMMENDATION

To approve Permit Application Number P-23-065 with 3 conditions and 2 stipulations, as stated in the Application Review Report dated 4/03/2024.

ATTACHED

Application Review Report for Permit Application Number P-23-065.

Permit Application Review Report
Date: 4/3/2024

Applicant/Landowner:

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

Contact:

RFC Engineering
Attn: David Krugler
13635 Johnson Street NE
Ham Lake, MN 55304

Project Name: 152nd Avenue Culvert Replacement

Project PAN: P-23-065

Project Purpose: Replacement of collapsed metal culverts under 152nd Avenue in County Ditch 58

Project Location: 152nd Avenue Culvert Replacement East of Jackson Street in Brook View Meadows, Ham Lake

Site Size: size of disturbed area - 0.04 acres; size of regulated impervious surface – 0 acres

Applicable District Rule(s): Rule 2, Rule 4, Rule 6, Rule 7

Recommendation: Approve with 3 Conditions and 2 Stipulations

Description: The project proposes the replacement of collapsed metal culverts under 152nd Avenue in County Ditch #58 in the Brook View Meadows Development. Replacement will consist of a 10'X6' RCP box culvert. The roadway that will be placed down will match the existing road width of 14.5' with 1.5' of bituminous curb on both sides of the road. The project will disturb 0.04 acres. See Figure 1: Project Location and Figure 2: Site Plan.

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$2,020.00.

Rule 4.0 – Soils and Erosion Control

2. Update the erosion and sediment control plan to stabilize exposed soils within 24 hours of inactivity.
3. Update the erosion and sediment control plan to show the correct placement of floating silt fence parallel to the flow of water as specified in the standard detail.

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. 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.
2. Submittal of as-built (invert, pipe material, pipe size) for culvert installation within

County Ditch 58.

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Flood Volume Calculations	RFC Engineering, Inc.	03/12/2024	03/15/2024
Construction Plans	RFC Engineering, Inc.	08/28/2023	10/02/2023

Findings

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 \$2,020.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (0.04 acres of land disturbance proposed).

Stormwater Management (Rule 3.0): The proposed project does not create a cumulative total of 10,000 sf or more of new or fully reconstructed impervious surface, or 5,000 sf or more of new or fully reconstructed impervious surface for non-residential or multifamily residential within one mile of and draining to an impaired water. The proposed project is not a public linear project where the sum of the new and fully reconstructed impervious surface is equal to one or more acres. Stormwater Management standards do not apply.

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. The soils affected by the project include Lino, which has 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 floating silt curtain, silt fence, erosion control logs, inlet protection, erosion control mats and street sweeping. The erosion control plan does not meet District requirements because soils are not proposed to be stabilized within 24 hours of inactivity and the floating silt curtain does not appear correctly on plan set. See attached Figure 3: Erosion and 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)

Rule 6.0 applies to the proposed project because it includes land disturbing activities the boundary of the 100-year flood elevation as mapped and modeled by the District.

The regulatory floodplain elevation is 892.9 ft MSL on the upstream end and 892.2 ft MSL on the downstream end. The application proposes the placement of 37.4 cubic yards of fill within the floodplain. This a one-time deposition of less than 50 cubic yards, therefore, compensatory storage is not required.

The proposed project affects the conveyance capacity of the crossing but equivalent hydraulic capacity has been provided. The District's XPSWMM model has been updated with the proposed culvert and shows no increase in flood elevations or velocities.

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

Rule 7.0 applies to the proposed project because it includes 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 regulated waterway is Public Ditch - CD 58 Prairie Creek. The banks of the waterway have been proposed to be stabilized with permanent vegetation Mix 34-261. The proposed culvert crossing includes seed and erosion control blanket on the shoulder and bank to minimize soil erosion. The gradient of the waterway is proposed to be restored to a slope of 0.09% through the project area, which will not result in a velocity that will cause bank erosion because the proposed culvert has been modeled in the District XPSWMM model and shows there will be no increase in velocities.

The culvert crossing provides equivalent hydraulic capacity to existing conditions because the proposed culvert has been modeled in the District XPSWMM model and shows no change in upstream or downstream flood elevations. Biota passage is provided by setting the culvert at the approved ditch elevations which is slightly below the existing elevations of the ditch. This will allow sedimentation within the culvert for enhanced biota passage, which is consistent with MnDOT's Minnesota Guide for Stream Connectivity and Aquatic Organism Passage Through Culverts.

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.

P23-065



Figure 1: Project Location

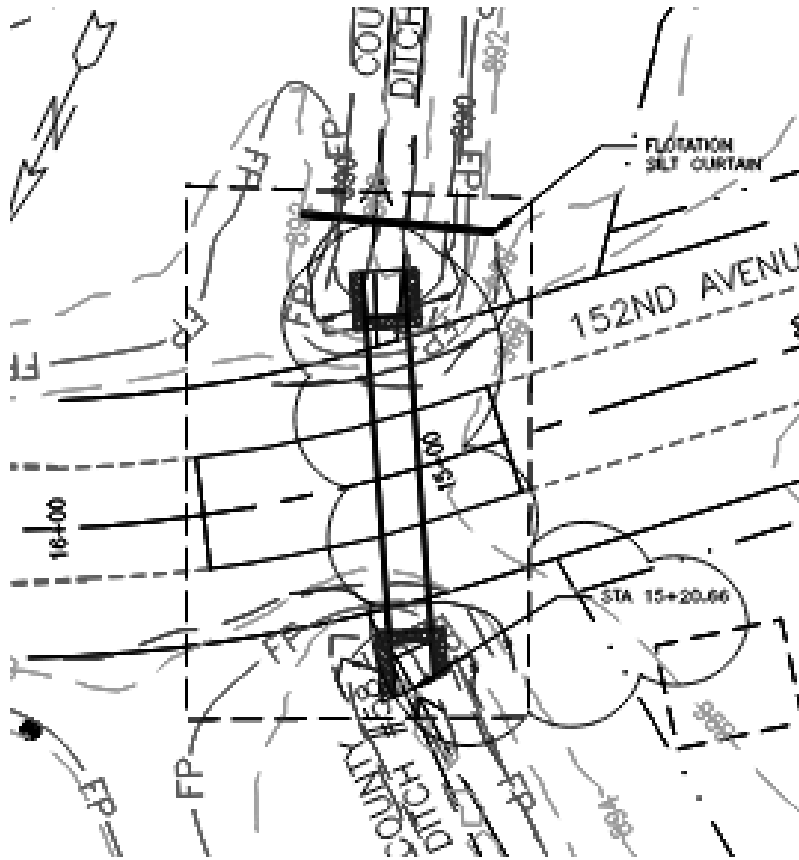


Figure 2: Site Plan

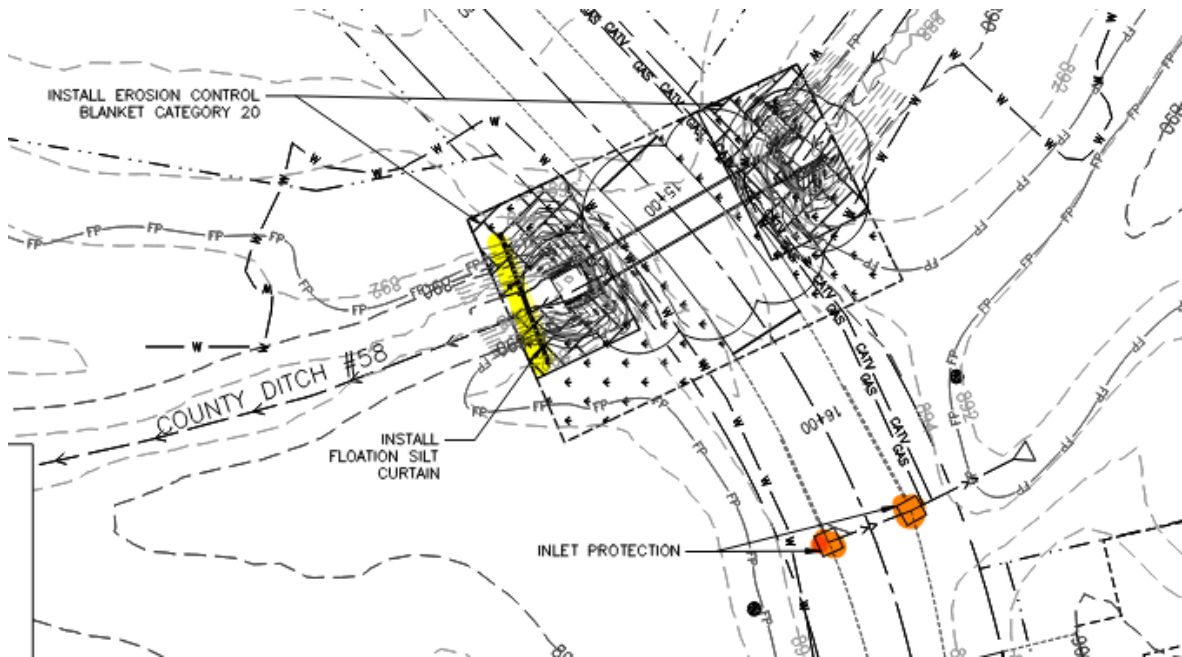


Figure 3: Erosion and Sediment Control Plan

**COON CREEK WATERSHED DISTRICT
Request for Board Action**

MEETING DATE: April 8, 2023
AGENDA NUMBER: 10
ITEM: Coon Creek Trail

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-075 Coon Creek Trail.

RECOMMENDATION

To approve Permit Application Number P-23-075 with 2 conditions and 3 stipulations, as stated in the Application Review Report dated 4/03/2024.

ATTACHED

Application Review Report for Permit Application Number P-23-075

Permit Application Review Report
Date: 4/3/2024

Applicant/Landowner:

City of Coon Rapids
Attn: Hafedh Hlel
11155 Robinson Drive NW
Coon Rapids, MN 55433

Project Name: Coon Creek Trail

Project PAN: P-23-075

Project Purpose: Construction of a new asphalt trail and timber boardwalk along Coon Creek

Project Location: 121st Ave/Shenandoah Blvd west to Coon Creek, then north to Main St, Coon Rapids

Site Size: size of parcel - 116.65 acres; size of disturbed area - 2.34 acres; size of new impervious- 1.3 acres, size of regulated impervious surface - 0 acres

Applicable District Rule(s): Rule 2, Rule 4, Rule 5, Rule 8

Recommendation: Approve with 2 Conditions and 3 Stipulations

Description:

The project proposes the construction of a new asphalt trail and timber board walk along Coon Creek from 121st Ave/Shenandoah Blvd to Main Street in Coon Rapids. The project will disturb 2.34 acres. The project will create 1.3 acres of new impervious, but this impervious is not required to be treated per CCWD Rule 3.2.2 Sidewalks and Trails. This area drains to Coon Creek. See attached Figure 1: Project Location and Figure 2: Site Plan.

Conditions to be Met Before Permit Issuance:

Rule 4.0 – Soils and Erosion Control

1. Update the erosion and sediment control plan to include a double row of perimeter control in areas within 50 feet of a wetland.

Rule 5.0 – Wetlands

2. Submittal of Wetland Bank Credit Withdrawal Verification after approval of the replacement plan application.

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. 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.

3. Submittal of grading as-builts for the project to confirm adequate floodplain compensatory storage has been provided.

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Wetland Permit Application	MNR	02/28/2024	02/29/2024
Wetland Delineation Report	MNR	10/25/2023	11/01/2023
Flood Volume Report	City of Coon Rapids	03/05/2024	03/05/2024
Construction Plans	City of Coon Rapids	03/06/2024	03/06/2024
Project Narrative	City of Coon Rapids	undated	01/10/2024

Findings

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 has submitted a performance escrow in the amount of \$3,170.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (2.34 acres of land disturbance proposed).

Stormwater Management (Rule 3.0):

The proposed project creates a total of 1.3 acres of new impervious. All new impervious is not required to be treated permit CCWD District Rule 3.2.2. Sidewalks and Trails. Stormwater Management standards do not apply.

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it includes land disturbing activities of 1 acre or more.

The proposed project drains to Ditch 54. The soils affected by the project include Alluvial and Rifle which have a soil erodibility factor of 0.15 or greater. Disturbed areas are proposed to be stabilized within 24 hours, as required. The proposed erosion and sediment control plan includes street sweeping, perimeter control, and rock construction entrance. The erosion control plan does not meet District requirements because a double row of perimeter control is not proposed within 50 feet of the wetland areas. See attached Figure 3: Erosion and 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 W23-038. The boundary and type application was reviewed and approved. The Notice of Decision was issued on 12/20/2023.

The applicant submitted a joint application form requesting a Replacement Plan decision on 11/01/2023. The application was noticed to the TEP on 3/18/2024. Wetland impacts are proposed through fill in 15 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 (F/D/E)	Impacts (sf)	Impact Duration (T/P)	Replacement Ratio	Required Mitigation (sf)
15	Fill	8329.65	Permanent	2:1	16659.3
14	Fill	3135.66	Permanent	2:1	6271.32
13	Fill	726.64	Permanent	2:1	1453.28
12	Fill	677.76	Permanent	2:1	1355.52
11	Fill	860.66	Permanent	2:1	1721.32
10	Fill	1061.54	Permanent	2:1	2123.08
9	Fill	987.07	Permanent	2:1	1974.14
8	Fill	1213.39	Permanent	2:1	2426.78
7	Fill	434.23	Permanent	2:1	868.46
6	Fill	477.54	Permanent	2:1	955.08
5	Fill	417.24	Permanent	2:1	834.48
4	Fill	631.66	Permanent	2:1	1263.32
3	Fill	628.82	Permanent	2:1	1257.64
2	Fill	443.41	Permanent	2:1	886.82
1	Fill	1667.33	Permanent	2:1	3334.66

Table 6.

Impact replacement will be mitigated through the purchase of wetland bank credits from bank 1698. Bank 1698 is within the required bank service area (BSA 7). The TEP agrees that the proposed project meets the requirements for a Replacement Plan. See attached Figure 4: Wetland Impacts.

Floodplain (Rule 6.0)

Rule 6.0 applies to the proposed project because it includes land disturbing activities within the boundary of the 100-year flood elevation as mapped and modeled by the District.

The regulatory floodplain elevation ranges from 857.3 to 857.5 ft MSL. The application proposes the placement of 1320 cubic yards of fill within the floodplain. Compensatory storage is required. The proposed project provides 1322 cubic yards of compensatory storage, which exceeds the required 1:1 ratio and is within the relevant reach.

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)

Rule 8.0 applies because it includes a land disturbing activity that requires a permit under another District Rule and is on land adjacent or directly contributing to a Public Water and "Other" waters classified under M.S. 103F.48.

Because the resource with the most protective buffer is a Public Water, the average buffer width must be 50 ft, with a minimum width of 30 ft and a maximum width of 100 ft. A continuous buffer is not proposed on the plans because the project proposes work through the applicable water resources. It would not be within the intent of the rule to build additional upland buffer within the

wetland, and the trail is surrounded by permanent vegetation on all sides. All disturbed areas are proposed to be established in MnDOT seed mix 250 (State mix 25-141), which qualifies as perennially rooted vegetation. The plan meets requirements to the maximum extent practicable.

Variations (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.

P23-075



3/29/2024

Figure 1: Project Location

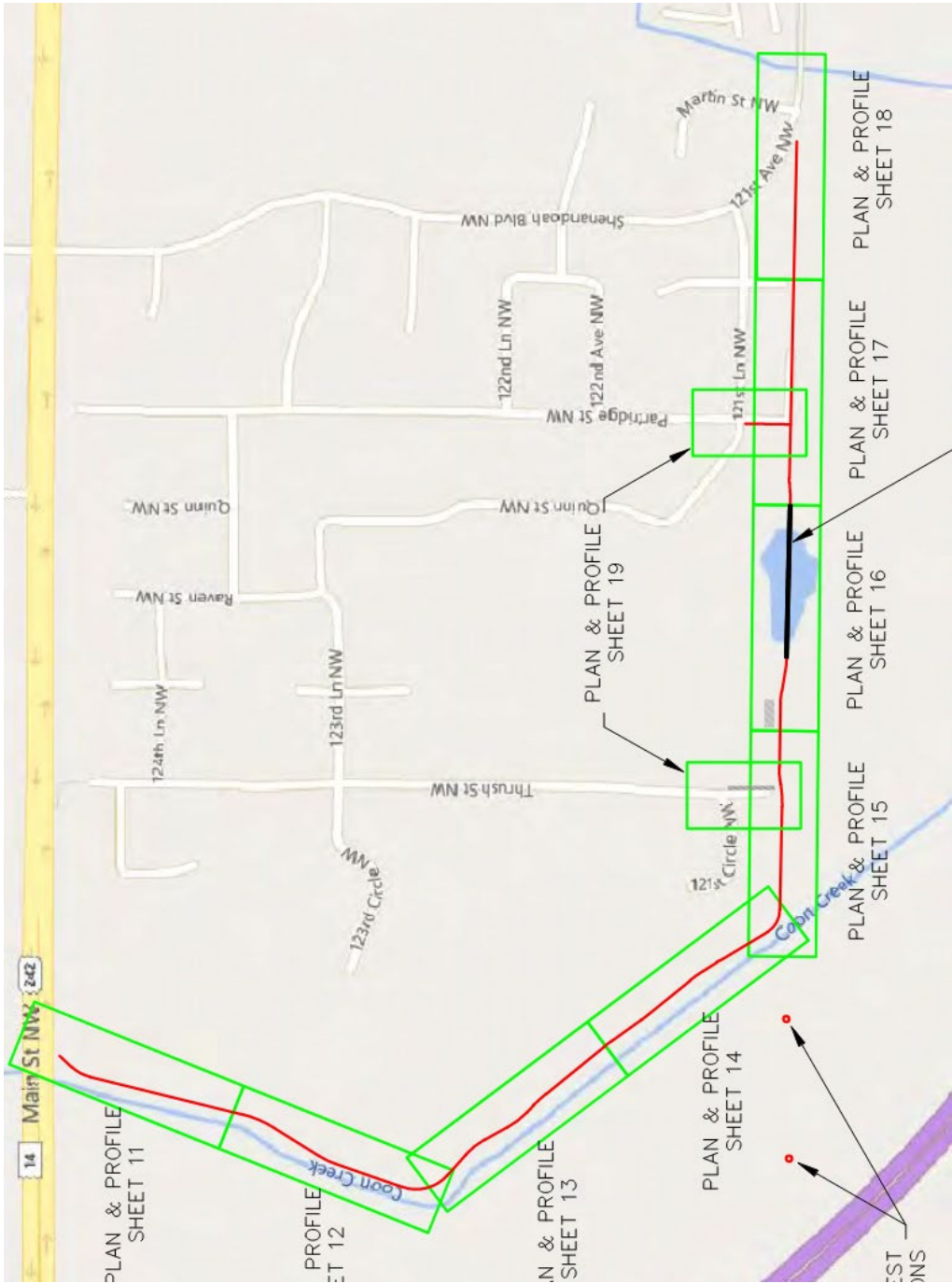
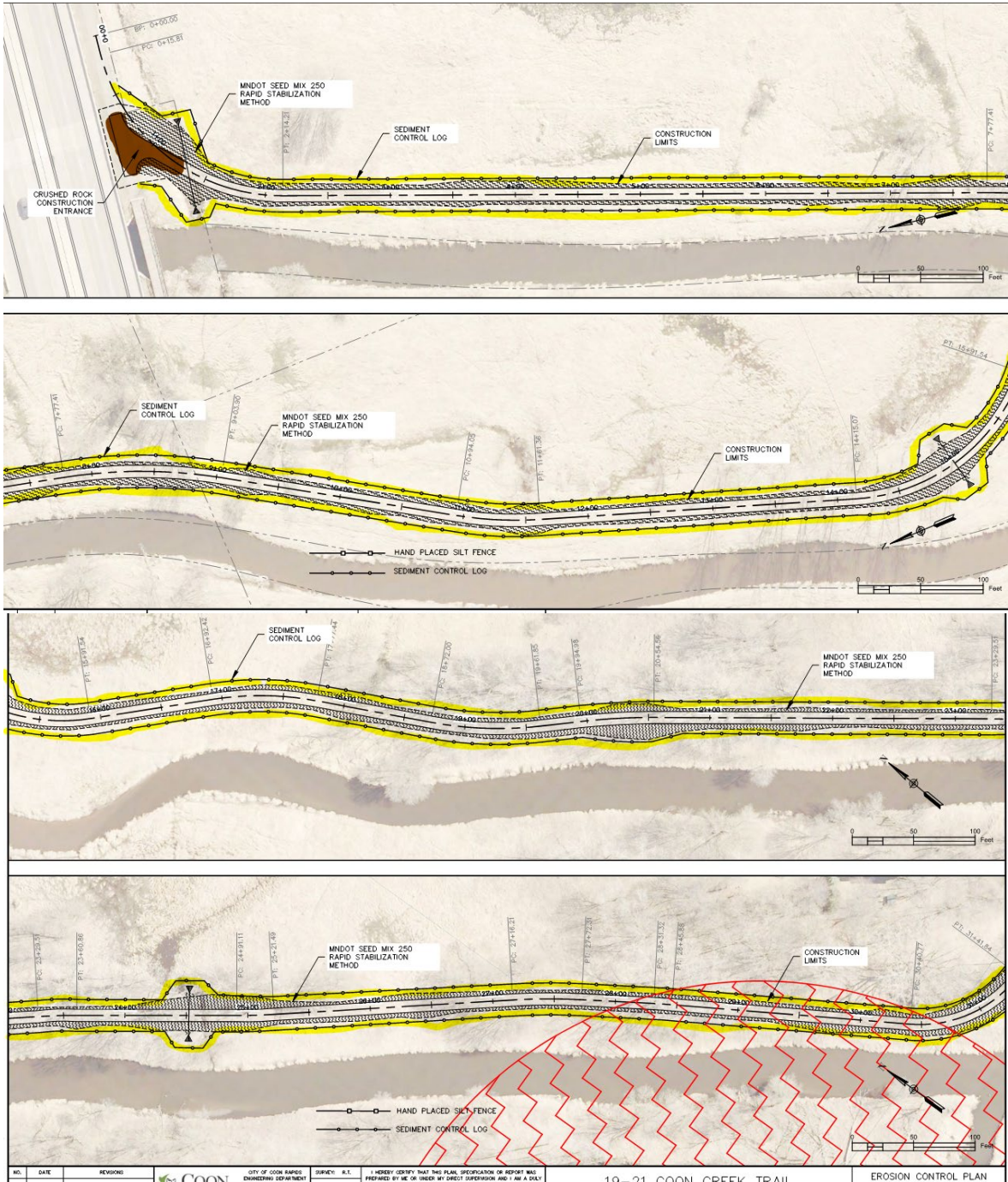


Figure 2: Site Plan



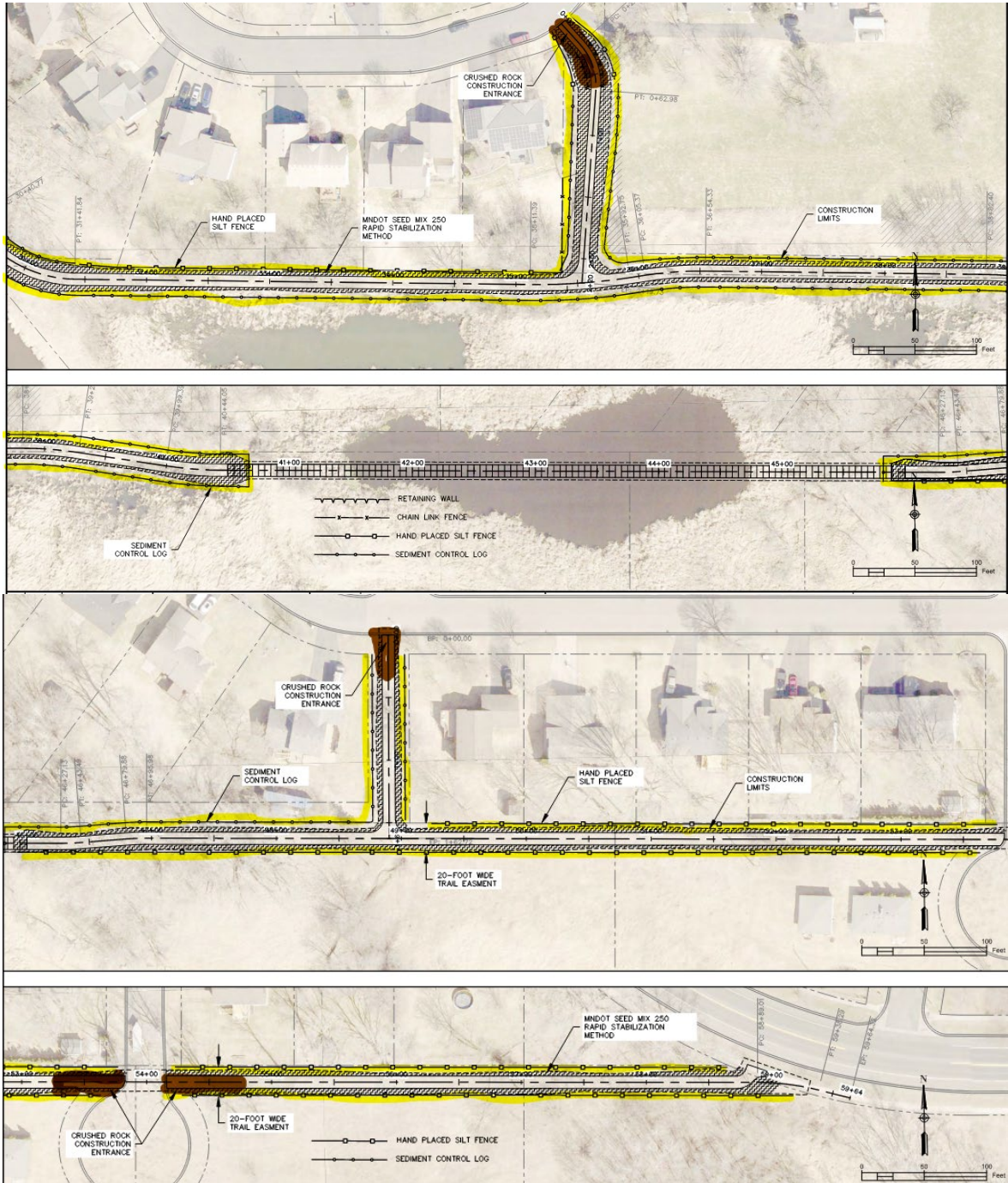


Figure 3: Erosion & Sediment Control Plan

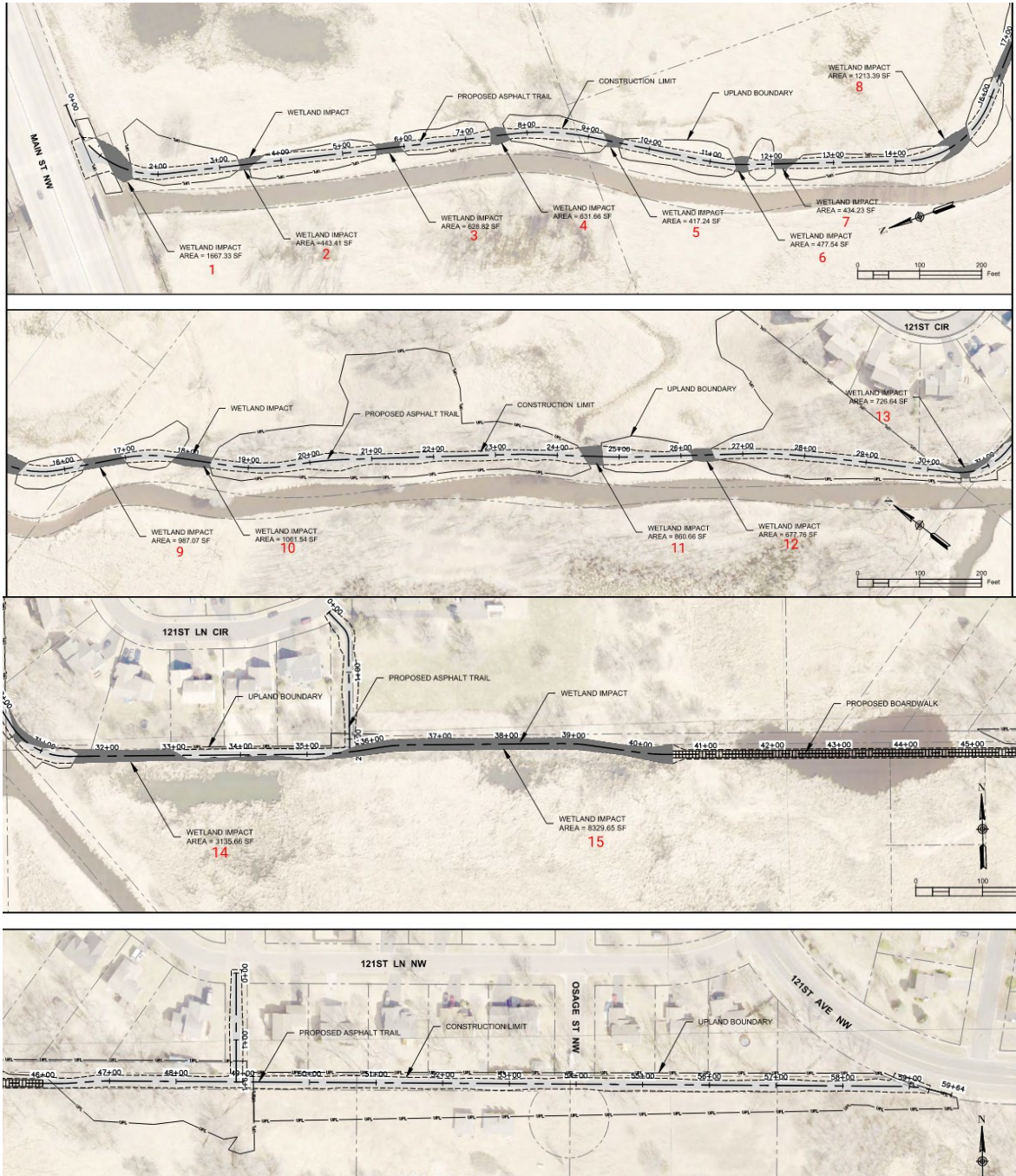


Figure 4: Wetland Impacts

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: April 8, 2023
AGENDA NUMBER: 11
ITEM: Turf Field and Campus Improvements

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-24-004 Turf Field and Campus Improvements.

RECOMMENDATION

To approve Permit Application Number P-24-004 with 3 conditions and 5 stipulations, as stated in the Application Review Report dated 4/03/2024.

ATTACHED

Application Review Report for Permit Application Number P-24-004

Permit Application Review Report
Date: 4/3/2024

Applicant/Landowner:
National Sports Center
Attn: Neil Ladd
1700 105th Ave NE
Blaine, MN 55449

Project Name: Turf Field and Campus Improvements

Project PAN: P-24-004

Project Purpose: Conversion of natural turf fields to artificial turf and a 30-foot-wide roadway

Project Location: National Sports Center Campus, 1700 105th Ave NE, Blaine

Site Size: size of parcel - 25.61 acres; size of disturbed area – 25.32 acres; size of regulated impervious surface - 0.59 acres

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

Recommendation: Approve with 3 Conditions and 5 Stipulations

Description: The project proposed to convert several natural turf fields to artificial turf as well as the construction of a 30-foot-long roadway and walking path at the National Sports Center in Blaine. The project will disturb 25.32 acres and create 0.59 acres of regulated impervious. The site drains to County Ditch 41. See attached Figure 1: Project Location and Figure 2: Site Plan.

Conditions to be Met Before Permit Issuance:

Rule 3.0 – Stormwater Management

1. 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.
2. Provide at least one soil boring within the footprint of each infiltration practice (Basin 1, Basin 2, and Basin 3) to confirm soil types and depth to groundwater.

Rule 4.0 – Soils and Erosion Control

3. Update the erosion and sediment control plan to include a note to stabilize soils and soil 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. Completion of post construction infiltration tests on Basin 1P, Basin 2P, and Basin 5P 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.
2. Submittal of grading as-builts for the project to confirm adequate floodplain compensatory storage has been provided.
 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.
 4. The applicant must apply for coverage under the Minnesota Pollution Control Agency's (MPCA's) Construction Stormwater Permit (Permit No: MNR100001)
 5. 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
Project Narrative & Stormwater Management Plan	Bolton & Menk	03/18/2024	03/20/2024
Construction Plans	Bolton & Menk	01/31/2024	03/25/2024

Findings

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 a Commercial/Industrial Development project of 25.32 acres (\$4,500.00), and addition to base fee (\$300.00). The applicant has already submitted a performance escrow in the amount of \$14,660.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (25.32 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.

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. The rate increases to the existing City pond and the existing NSC pond have been reviewed and determined that increase in rates result in a static bounce of less than 0.1 feet in each existing pond. The ponds are sized sufficiently to handle this increase and it will not result in any surrounding structures being impacted. The rate increase to CD 41 for the 100 year event is within model tolerance. The project will not impact Drainage Sensitive Use areas. 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
Existing City Pond	0.91	0.25	1.41	1.34	2.51	2.91
CD 41	0.38	0.24	0.58	0.36	1.32	1.46
Existing NSC Pond	0	0.18	0.02	0.27	0.65	1.26

Table 1.

Volume Control:

The proposed project is redevelopment; 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 25,839 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)
Exsting NCS Pond 3S	2,253	Existing NSC Pond	0.5	413	413
Basin 3 (5S)	5,245	Infiltration Basin	1	480	1,807
Basin 2 (2S)	6,357	Infiltration Basin	1	582	1,623
Basin 1 (1S)	11,984	Infiltration Basin	1	1,098	2,618
Totals:	25,839			2,573	6,461

Table 2.

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
Infiltration Basin 3	Vegetated Filter Strip	80
Infiltration Basin 2	Vegetated Filter Strip	80
Infiltration Basin 1	Vegetated Filter Strip	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 as shown in Table 2.

Water Quality:

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
3S	80
Existing City Pond	80
CD 41	80
Existing NSC Pond	80

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 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 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: 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 41. The soils affected by the project include Rifle and Lino and 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, energy dissipation, and vehicle washing. The erosion control plan does not meet District requirements because soils and soil stockpiles are not proposed to be stabilized with 24 hours of inactivity. See 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)

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 varies from 895.5 to 898.4 ft MSL. The application proposes the placement of 2279 cubic yards of fill within the floodplain. Compensatory storage is required. The proposed project provides 2550 cubic yards of compensatory storage, which exceeds the required 1:1 ratio and is within the relevant reach. See attached Figure 4: Floodplain Impact.

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.

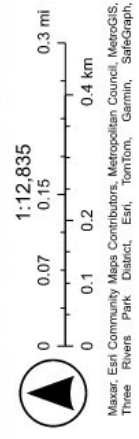
Buffers (Rule 8.0)

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.

P24-004



Maxar, Esri Community Maps Contributors, Metropolitan Council, MetroGIS, Three Rivers Park District, Esri, TomTom, Garmin, SafeGraph.

3/7/2024

Figure 1: Project Location

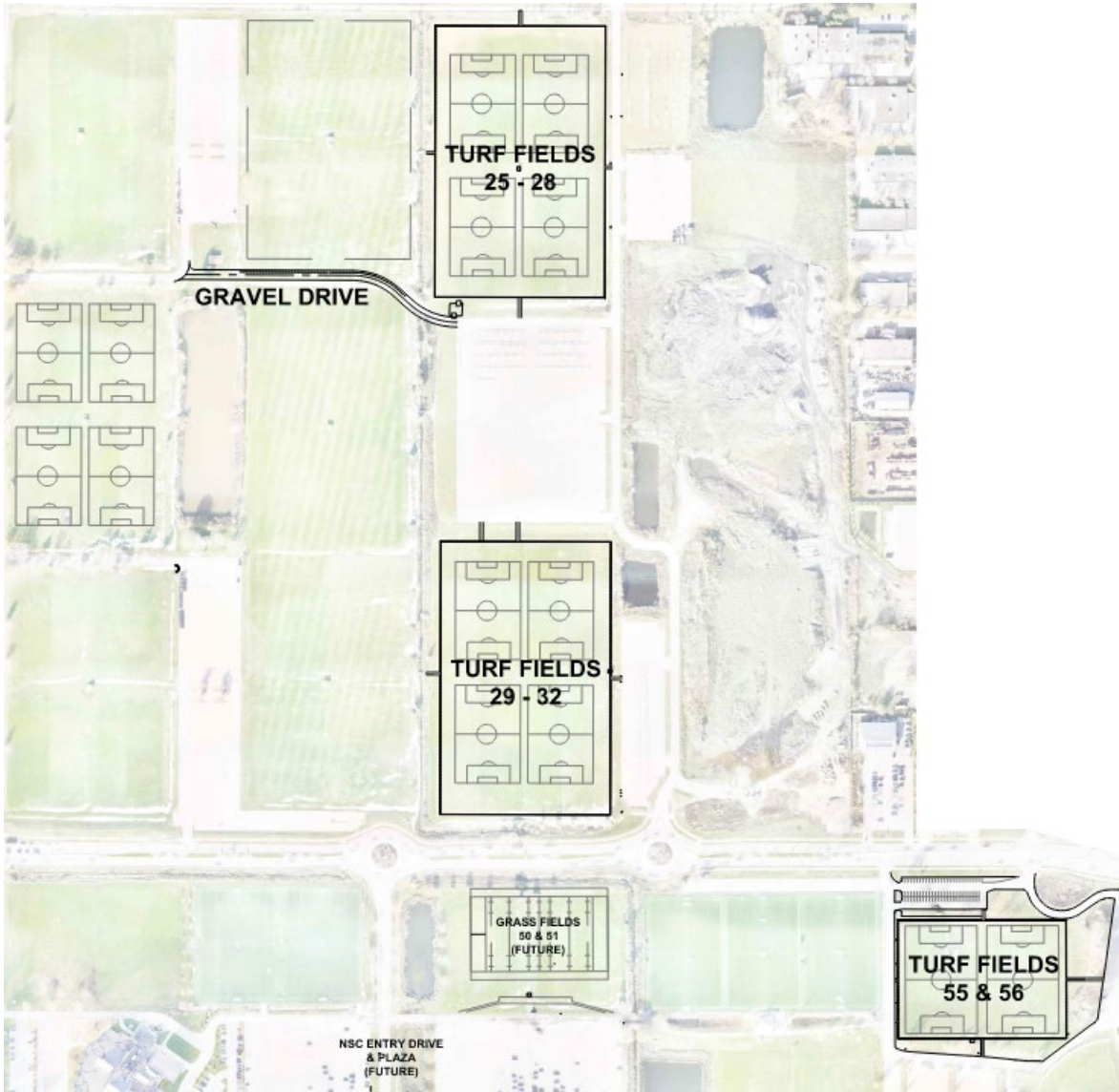
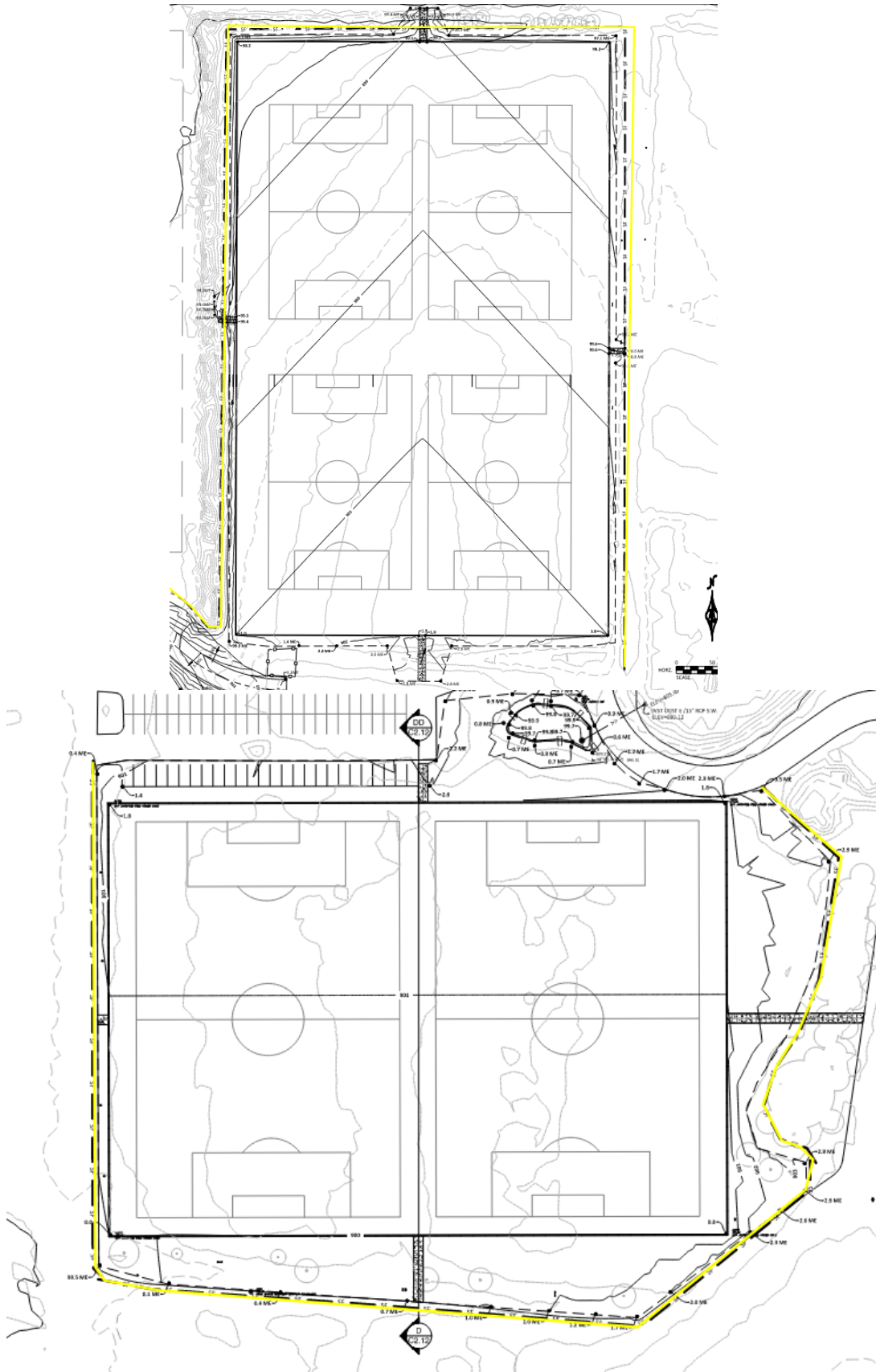


Figure 2: Site Plan



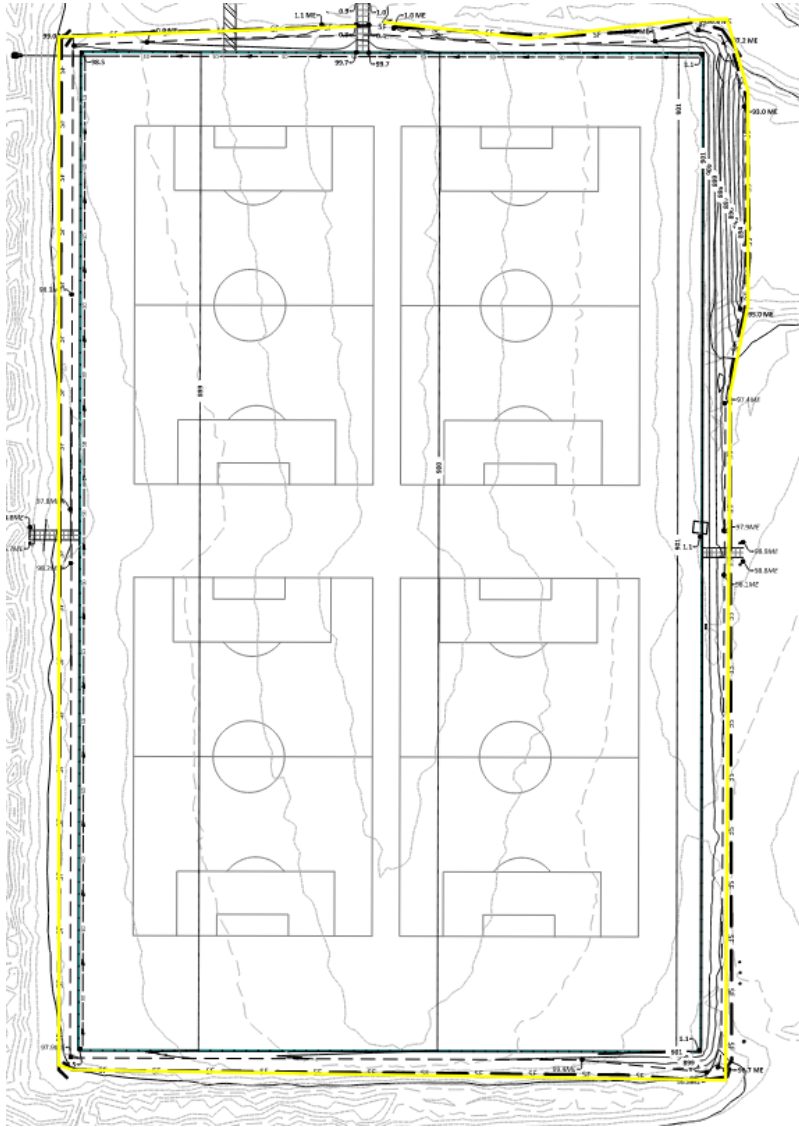


Figure 3: Erosion and Sediment Control Plan

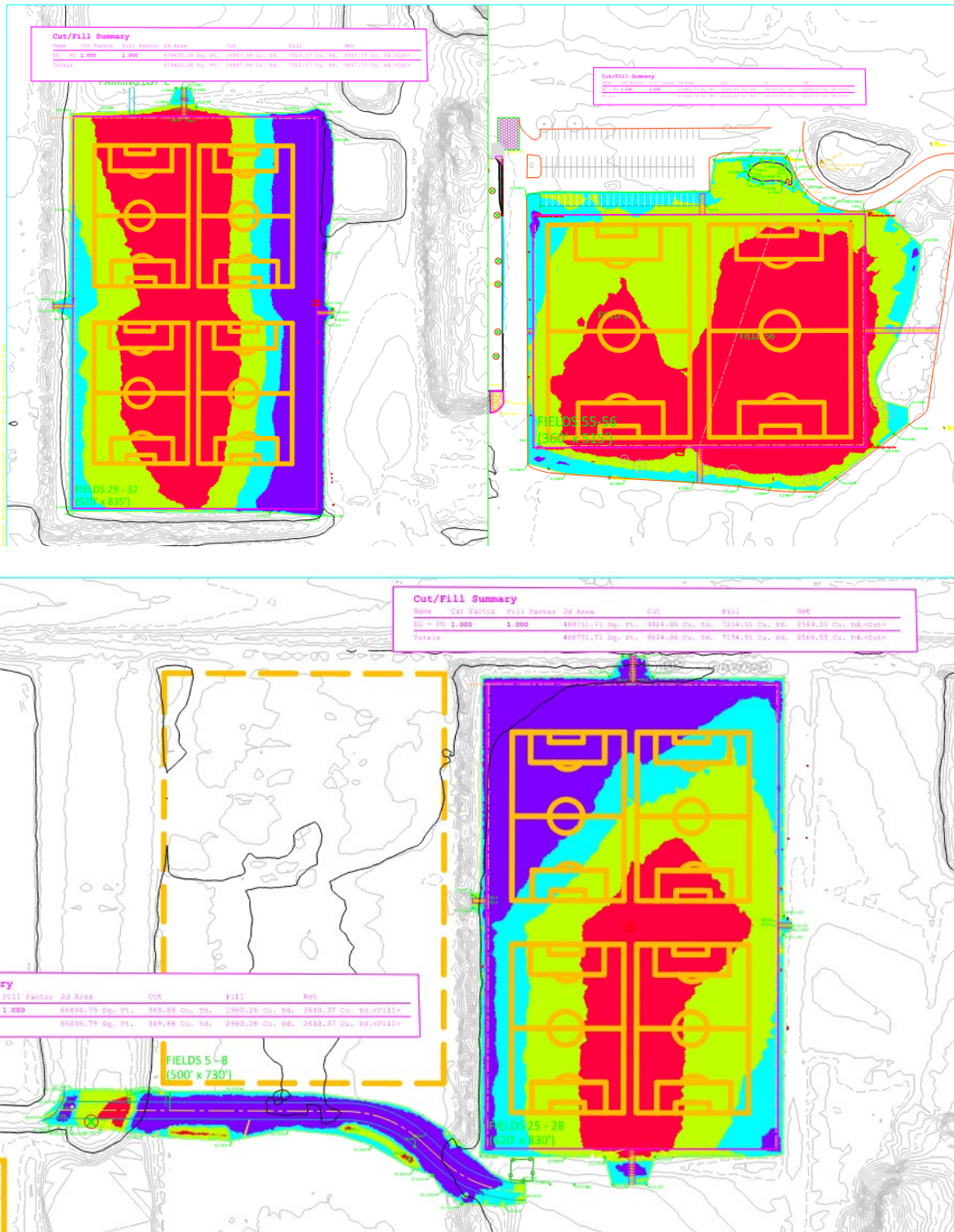


Figure 4: Floodplain Impact

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: April 8, 2023
AGENDA NUMBER: 12
ITEM: Pleasure Creek Parkway Improvements

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-24-012 Pleasure Creek Parkway Improvements.

RECOMMENDATION

To approve Permit Application Number P-24-012 with 2 conditions and 2 stipulations, as stated in the Application Review Report dated 4/03/2024.

ATTACHED

Application Review Report for Permit Application Number P-24-012

Permit Application Review Report
Date: 4/3/2024

Applicant/Landowner:

City of Blaine
Attn: Cody Sylvester
10801 Town Square Drive
Blaine, MN 55449

Project Name: Pleasure Creek Parkway Improvements

Project PAN: P-24-012

Project Purpose: Reconstruction and reclamation of Pleasure Creek Parkway and other surrounding city streets

Project Location: Pleasure Creek Parkway, Blaine

Site Size: size of disturbed area - 2.71 acres, size of new impervious – 0.22 acres, size of regulated impervious surface - 0 acres

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

Recommendation: Approve with 2 Conditions and 2 Stipulations

Description:

The project proposes the reclamation and reconstruction of Pleasure Creek Parkway, Territorial Road, and surrounding side roads. The project will disturb 2.71 acres and construct 0.22 acres of new impervious surface. All other proposed roadway work is reclamation and is not considered fully reconstructed impervious surface. This is below the stormwater rule applicability threshold for public linear projects and, therefore, stormwater management requirements do not apply. The applicant did provide stormwater treatment practices as part of the project, but they are not included in this review because they were not required. The project area drains to Pleasure Creek. See attached Figure 1: Project Location and Figure 2: Site Plan.

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Submittal of a performance escrow in the amount of \$3,355.00.

Rule 4.0 – Soils and Erosion Control

2. Update the erosion and sediment control plan (pg 85) to include a note to stabilize soils and soil 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)

2. 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
Construction Plans	SEH	02/07/2024	03/07/2024
SWPPP	SEH	02/07/2024	03/27/2024

Findings

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 \$3,355.00. This corresponds to a base escrow of \$2,000, plus an additional \$500/acre of disturbance (2.71 acres of land disturbance proposed).

Stormwater Management (Rule 3.0):

The proposed project does not create a cumulative total of 10,000 sf or more of new or fully reconstructed impervious surface, or 5,000 sf or more of new or fully reconstructed impervious surface for non-residential or multifamily residential within one mile of and draining to an impaired water. The proposed project is not a public linear project where the sum of the new and fully reconstructed impervious surface is equal to one or more acres. Stormwater Management standards do not apply.

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it includes land disturbing activities of 1 acre or more.

The proposed project drains to Pleasure Creek. The soils affected by the project includes Markey, Millerville, Isanti, Sibley and Lino which have a soil erodibility factor of 0.15 or greater. Disturbed areas are not consistently proposed to be stabilized within 24 hours, as required. The proposed erosion and sediment control plan includes perimeter control, inlet protection, and street sweeping. The erosion control plan does not meet District requirements because the construction plan set page 85 states soils and soil stockpiles should be stabilized within 7 days. Soils and soil stockpiles need to be stabilized with 24 hours of inactivity. See attached Figure 3: Erosion and 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.

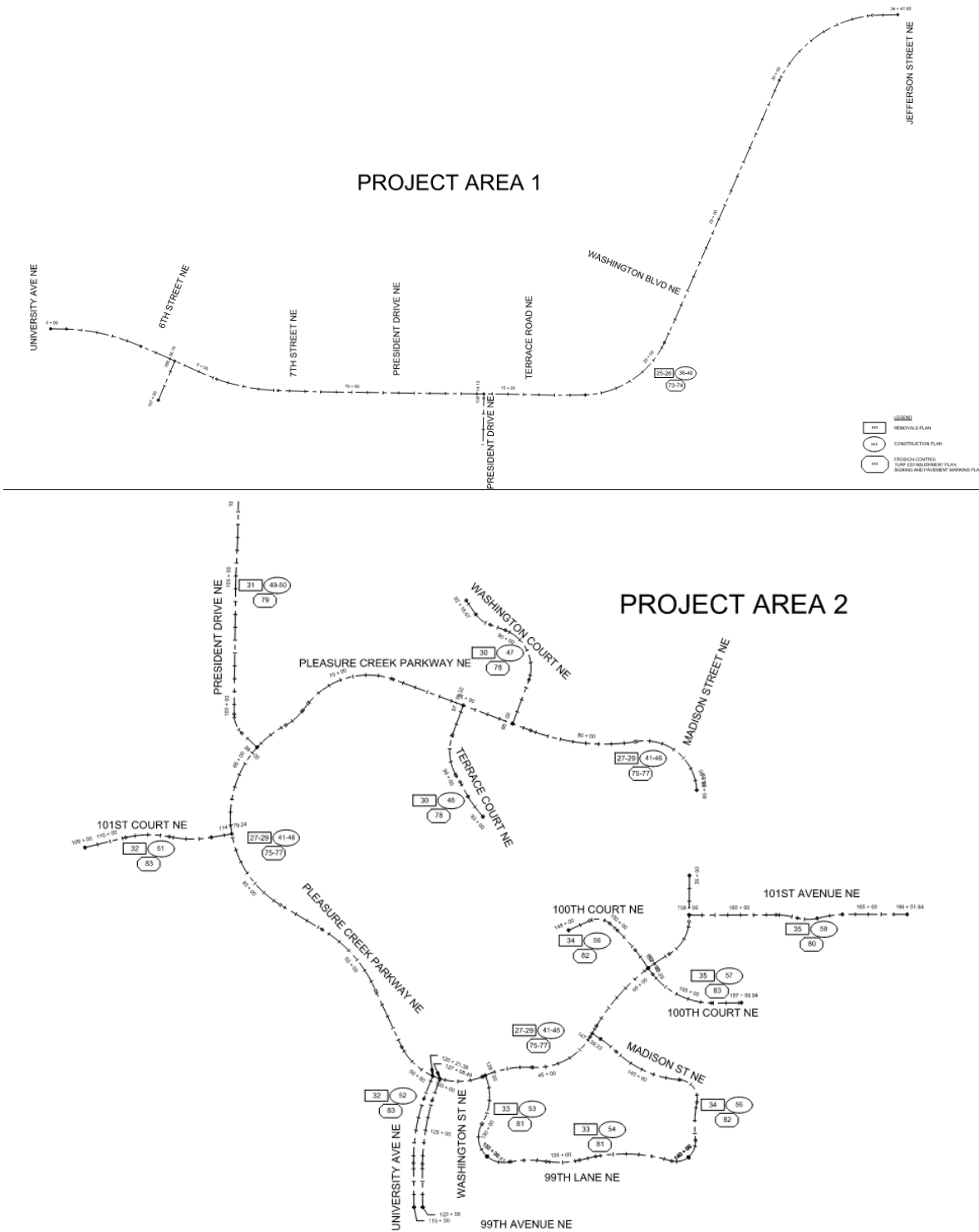
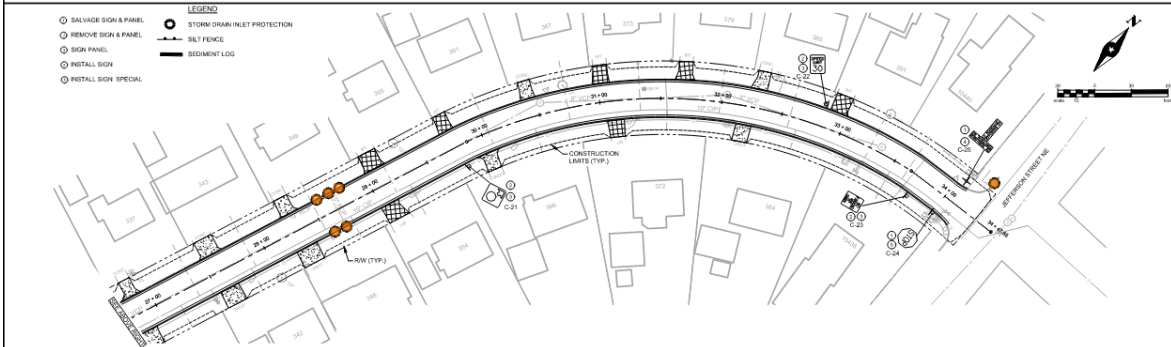
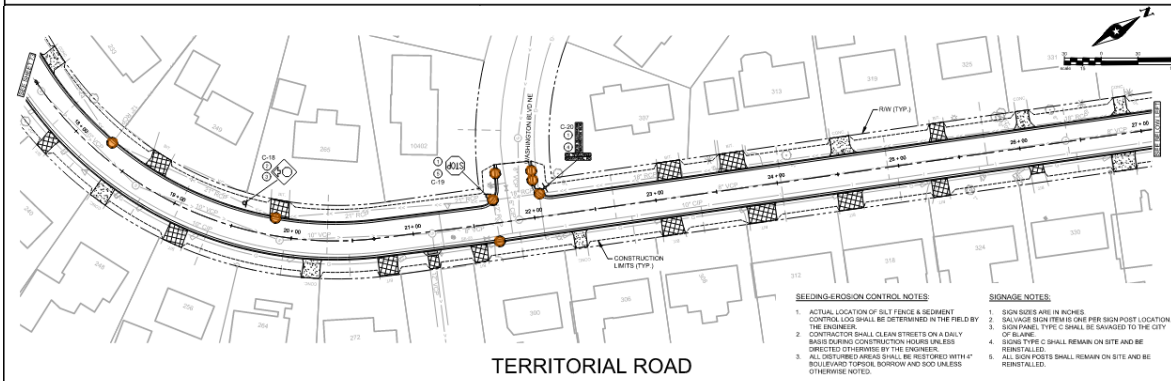
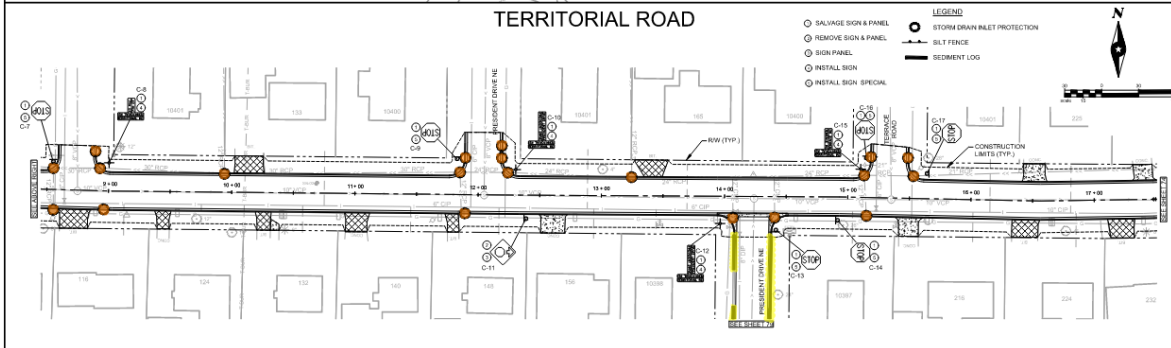
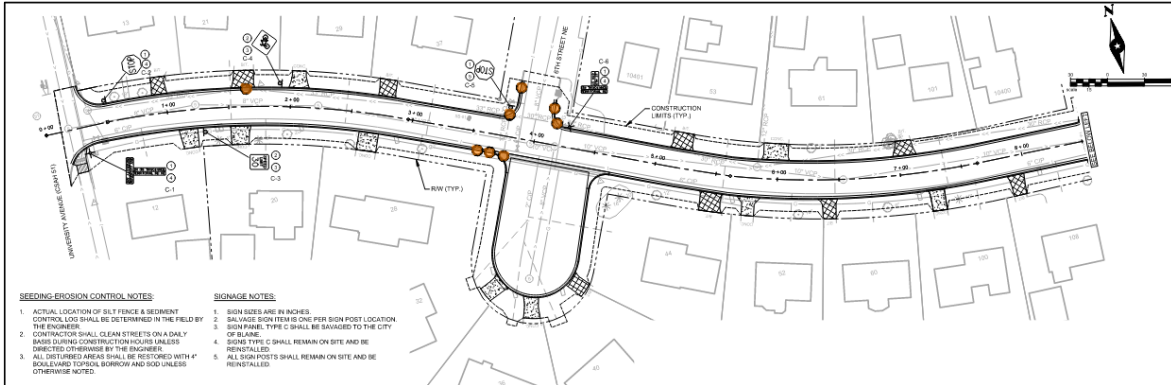
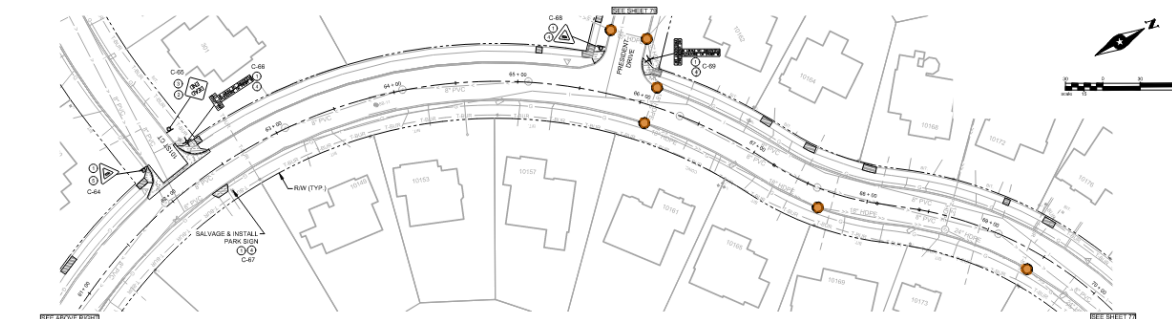
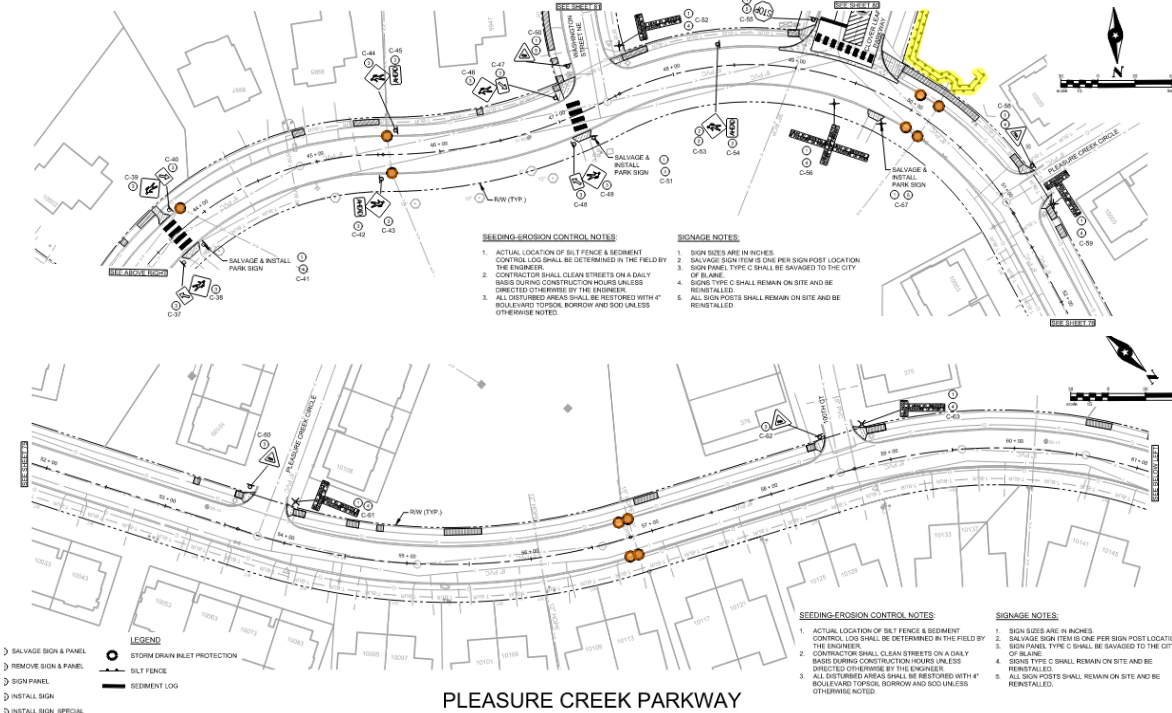
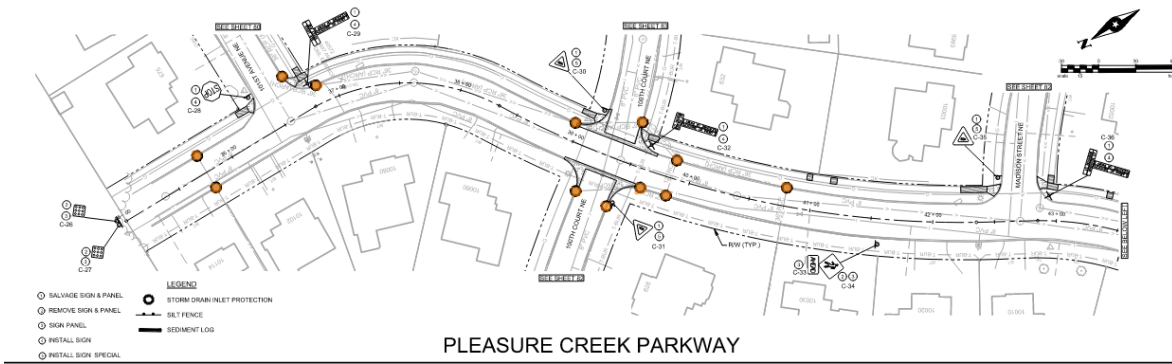
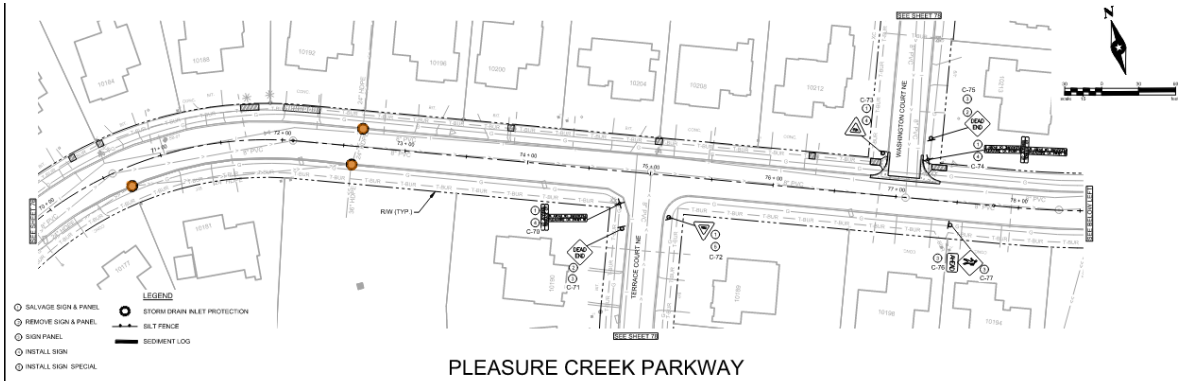


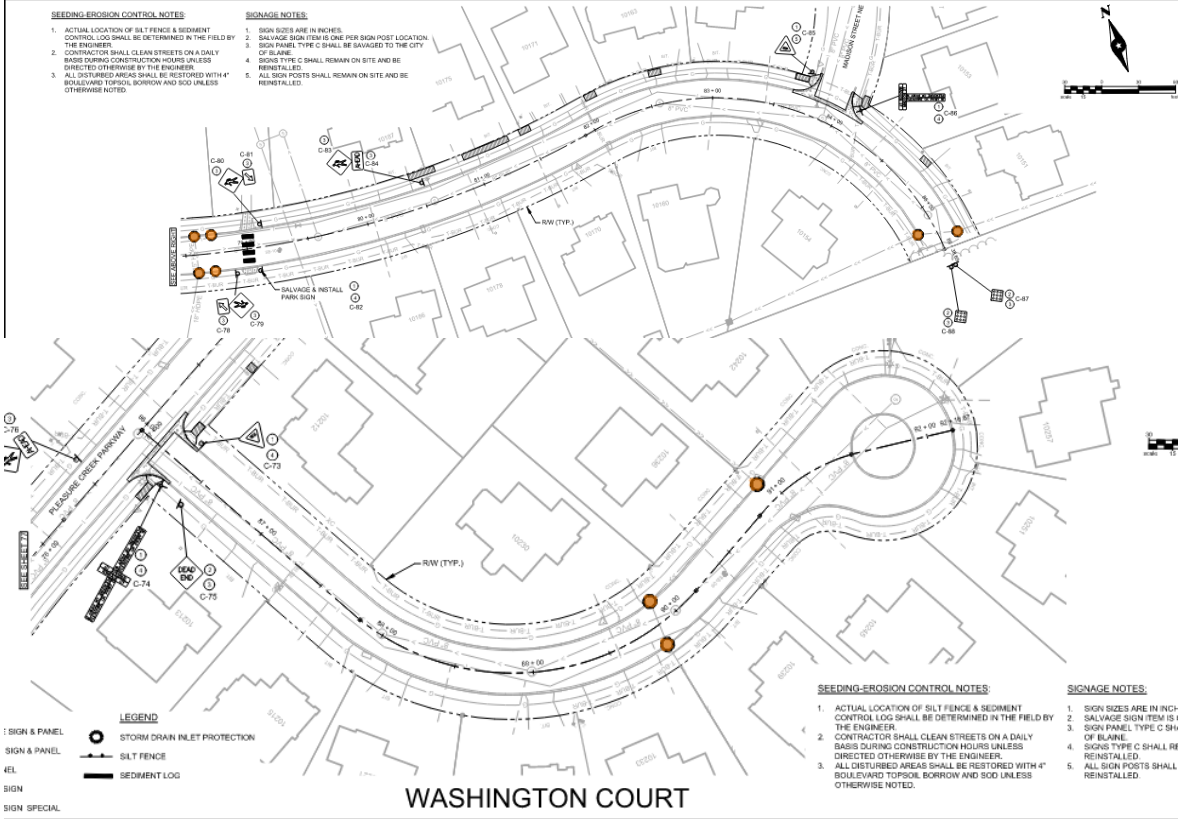
Figure 2: Site Plan



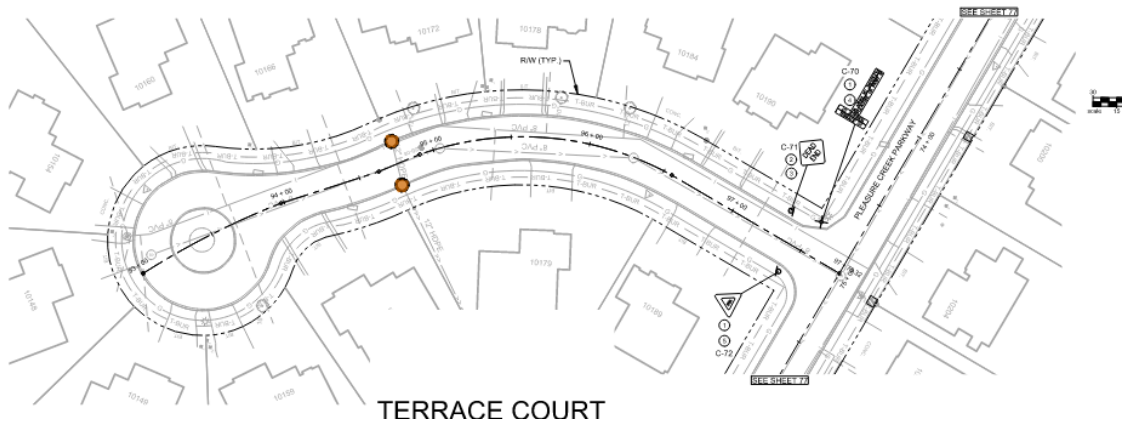




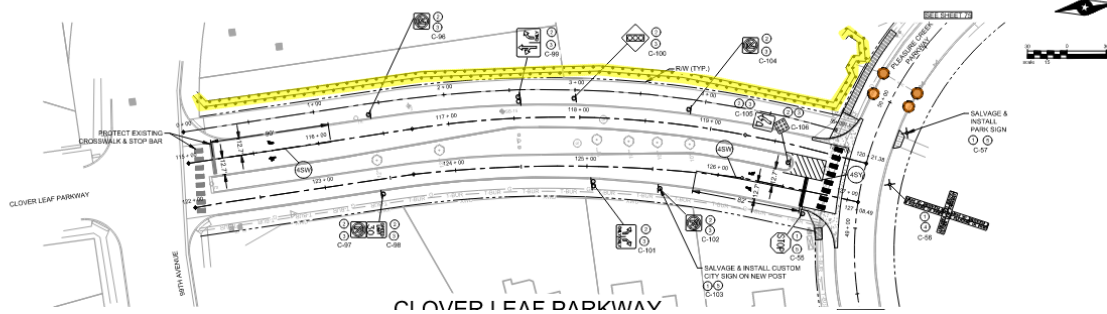
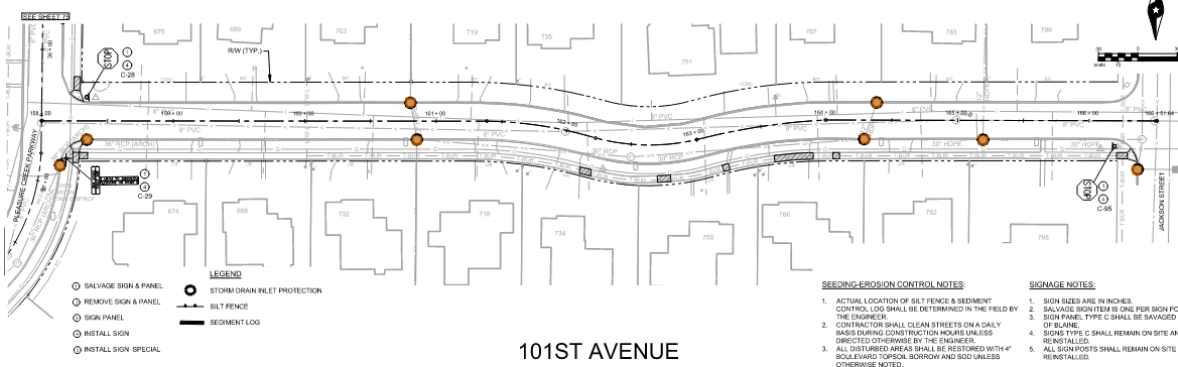
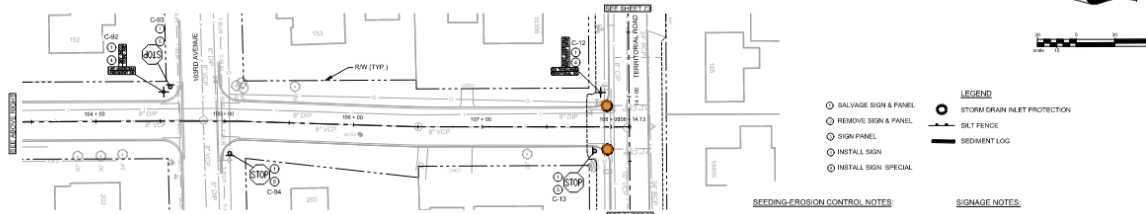
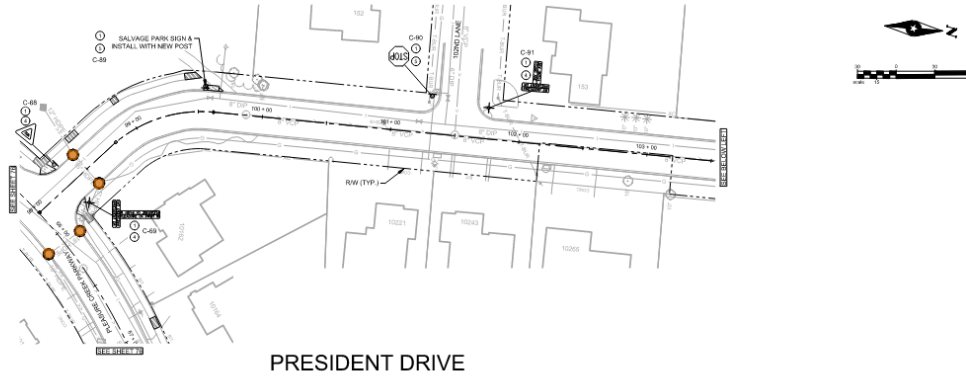
PLEASURE CREEK PARKWAY



WASHINGTON COURT

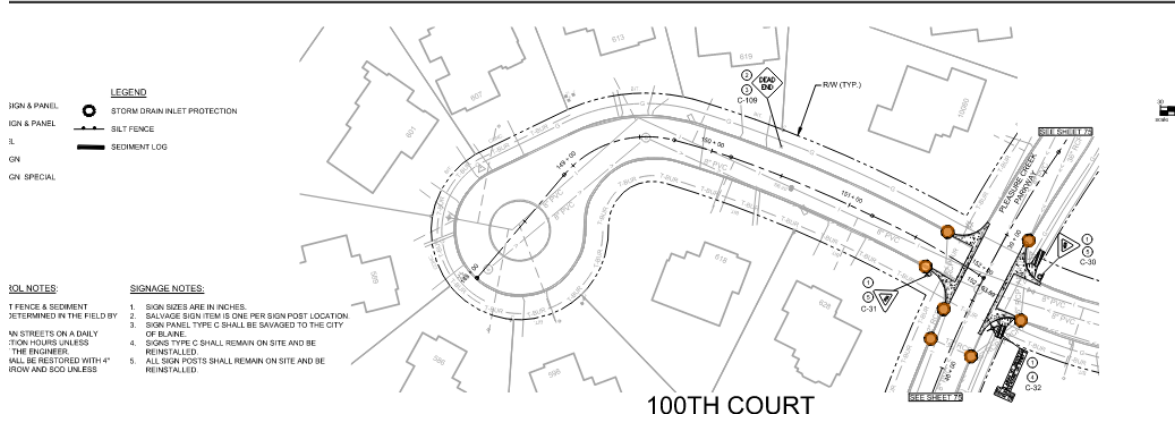
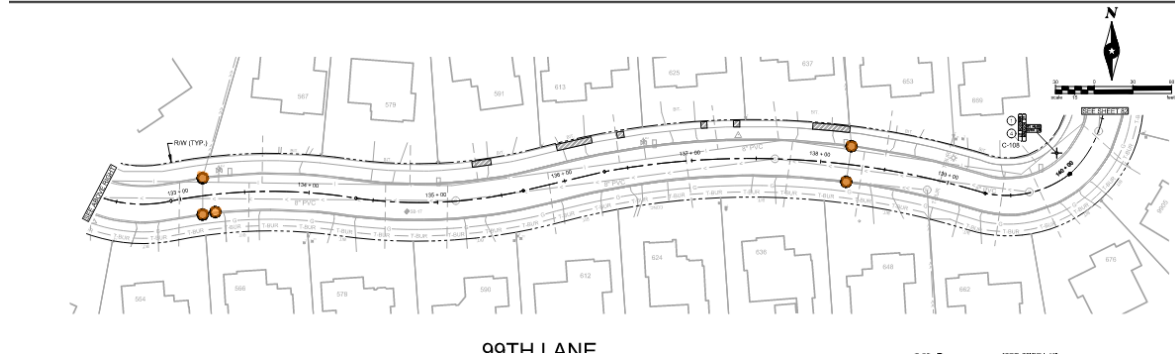
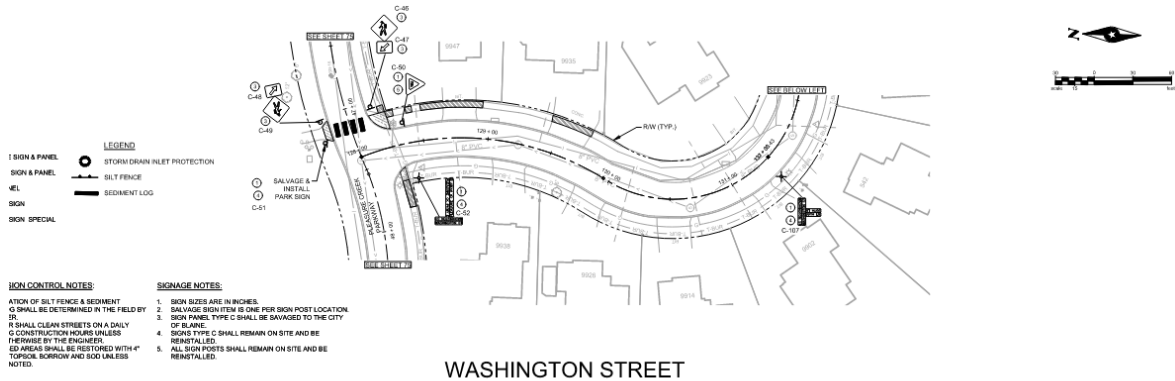


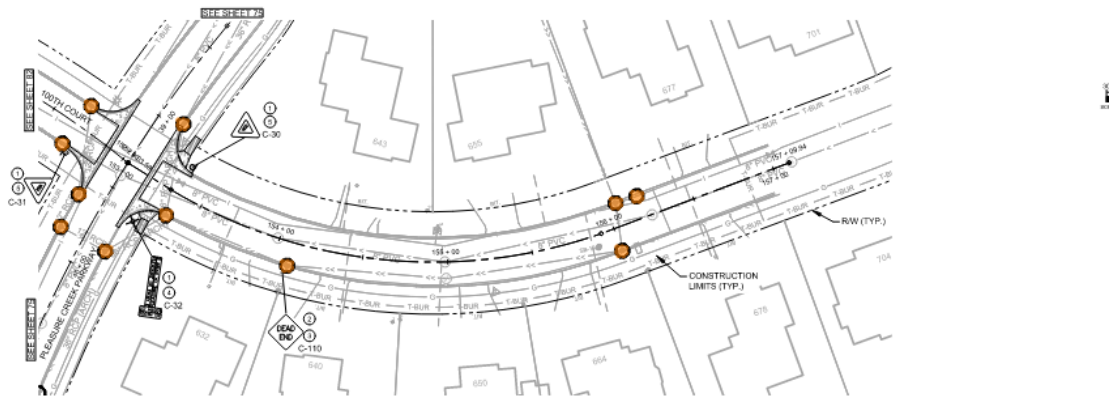
TERRACE COURT



- SEEDING/EROSION CONTROL NOTES:**
1. ACTUAL LOCATION OF SILT FENCE & SEDIMENT CONTROL LOG SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
 2. CONTRACTOR SHALL CLEAN STREETS ON A DAILY BASIS DURING CONSTRUCTION HOURS UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
 3. ALL DISTURBED AREAS SHALL BE RESTORED WITH 4" BULKY AND TYPICAL BORROW AND SOG UNLESS OTHERWISE NOTED.
- SIGNAGE NOTES:**
1. SIGN SIZES ARE IN INCHES.
 2. SALVAGE SIGN ITEM IS ONE FOR SIGN POST LOCATION SIGN PANEL TYPE C SHALL BE SALVAGED TO THE CITY OF BLAINE.
 3. SIGN PANEL TYPE C SHALL REMAIN ON SITE AND BE REINSTALLED.
 4. SIGN TYPE C SHALL REMAIN ON SITE AND BE REINSTALLED.
 5. ALL SIGN POSTS SHALL REMAIN ON SITE AND BE REINSTALLED.

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- SIGNAGE NOTES:**
1. SIGN SIZES ARE IN INCHES.
 2. SALVAGE SIGN ITEM IS ONE FOR SIGN FC
 3. SIGN PANEL TYPE C SHALL BE SALVAGED OF BLAINE.
 4. SIGN TYPE C SHALL REMAIN ON SITE AND BE REINSTALLED.
 5. ALL SIGN POSTS SHALL REMAIN ON SITE AND BE REINSTALLED.





100TH COURT

Figure 3: Erosion and Sediment Control Plan

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: April 11, 2022
AGENDA NUMBER: 13
ITEM: 2023 Annual Report

AGENDA: Discussion

ACTION REQUESTED

Discuss, correct, and improve the report.

PURPOSE & SCOPE OF ITEM

The Annual Report is a required annual filing with the State Board of Water and Soil Resources and the Department of Natural Resources. The report summarizes the financial condition and overall District activities for the period of January 1 to December 31, 2023. The report is due to the Board of Water and Soil Resources (BWSR) by April 30th of each year.

ISSUES/CONCERNS

1. The report, as presented, is a draft and in its entirety has not received a QAQC review by staff.
2. The Annual Report serves as a partial assessment and foundation for the 2025 Budget.
3. Questions for the Board after Reviewing the Report:
 - a. Recommendations/Needs
 - i. What recommendations or needs does the Board see as needed or of value that should be included in the report?
 - b. Do you see changes or adjustments in strategy or operations that need to be made?

FUTURE DECISIONS

April 22: Final review and approval of the report

OPTIONS

1. Approval at the April 22 meeting with corrections.
2. Approve submittal to BWSR with corrections.

RECOMMENDATION

Approve the 2023 Annual Report at the April 22nd regular board meeting with corrections and suggestions.

DRAFT
Coon Creek Watershed District
2023 Annual Report and Assessment

Board of Managers

President	Jim Hafner
Vice-President	Erin Lind
Treasurer	Mary Campell
Secretary	Jason Lund
At Large	Dwight McCullough

Members Leaving Board During 2023

Matthew Herbst
Patrick Parker

District Administrator

Tim Kelly
763-755-0975

tkelly@cooncreekwd.org

Approved by Board of Managers March 2024

Reporting Requirements

The Coon Creek Watershed District (District) is required to annually report on a variety of activities. These requirements and the state and federal laws that mandate the reporting are:

1. The Minnesota Watershed Act (M.S. 103D.351)
2. The Metropolitan Water Management Act (M.S. 103B.231)

PURPOSE OF THE REPORT

The Annual Report and Assessment monuments the current condition and trend of water management efforts made the previous year and initiates the annual planning, programming, budgeting, and execution cycle. It is intended to provide guidance on key enduring and emerging planning issues to inform program development and investment decisions.

The Objectives of the Annual Report are to:

Topic	Pg
1. Overview of Coon Creek Watershed District	3
2. Assessment of the Financial Condition and Audit Status of the District	8
3. Assessment of 2023 Comprehensive Watershed Management Progress	10
4. 2023 Findings and Lessons Learned	17
5. Assessment of the 2024-25 Operating Environment	19
6. The Probable Character of the District's Operating Environment in 2025 and 2026	21

OVERVIEW OF COON CREEK WATERSHED DISTRICT

Background

The Coon Creek Watershed District was established in 1959 under the Minnesota Watershed District Law (Minnesota Statutes 103D).

The District is an independent special purpose unit of government that addresses comprehensive water and related resource management. The District is 107 square miles in size and includes the drainage areas of Coon Creek and five smaller watersheds that also drain directly to the Mississippi river.

Board Of Managers

Office	Name	Appointing County	Term
President	Jim Hafner	Anoka	
Vice-President	Erin Lind	Anoka	
Treasurer	Mary Campell	Anoka	
Secretary	Jason Lund	Anoka	
At Large	Dwight McCullough	Anoka	
Resigned	Matt Herbst	Anoka	
Deceased	Partrick Parker	Anoka	

Contact information is available on the District website:
www.cooncreekwd.org

District Mission

The District mission is derived from the nine principle directives and 38 mandates and rules from the state and federal governments. Distilling those requirements our mission is:

To manage surface water and groundwater systems and contributing lands to provide for and balance the competing uses of development, drainage, flood prevention and the protection and restoration of water quality and habitat for the benefit of our communities now and in the future.

Our Intent:

To pursue our mission within the framework of the existing state and federal programs using adaptive management and a theory of continual information and adaptation that

enables disciplined decision-making by framing risk and assessing progress toward strategic objectives.

Our priority focus will be on flood prevention and addressing the water quality impairments within the watershed by directly addressing their restoration and long term shifting the biogeochemical integrity of the watershed from a poor to a moderate condition. We further intend to cease or slow the degradation of water resources within the watershed by 2033 as a steppingstone towards achieving the Total Maximum Daily Load Reductions by 2045.

Shifting the biogeochemical integrity of the watershed to address water quality and flood control problems will require the District to:

- continue to conduct the full spectrum of projects and activities.
- converge the capabilities across organizations and resource concerns.

Success will hinge on our ability to:

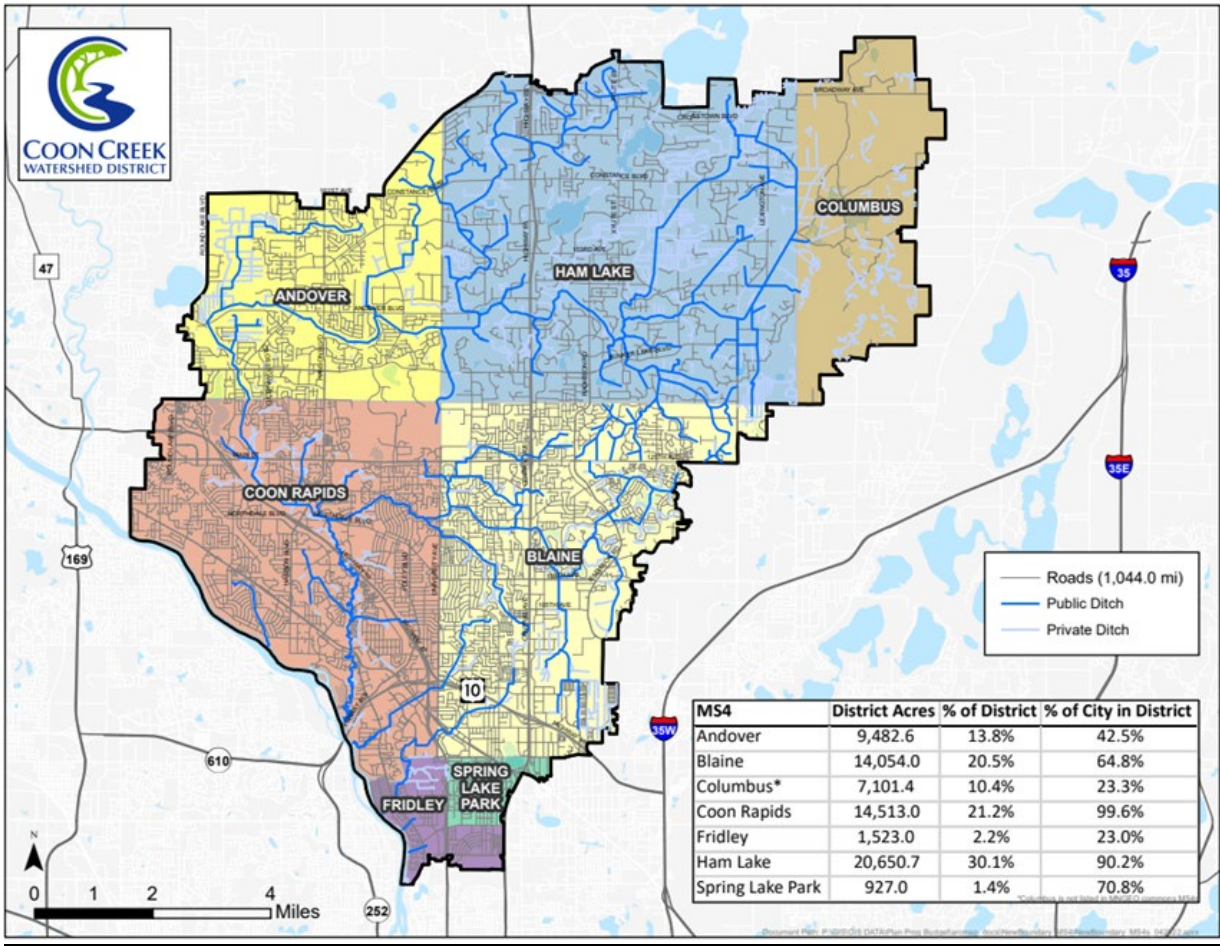
- Transform the inherent conflict involved with land and water to learning and adapting.
- Collaborate and maintain unity of effort.
- Maintain legitimacy of effort
- Build partner capacity and capability.

Our Vision

The District will focus on the drainage basin of Coon Creek and remain ready, willing, and able to collaborate, encourage, deter, and correct a range of water resource related problems issues and concerns. The District is prepared and capable of pursuing this task alone or as part of a joint effort with the seven cities within the watershed, Anoka County, and the Anoka Conservation District.

Our approach is to leverage **the natural tendencies, capabilities, and capacities of the landscape through adaptive and innovative evidence-based practices, using competent empowered professionals, public and government collaborators whose work and efforts** result in short and long-term beneficial use of the resource and that enable city staff and decision makers to achieve success in preventing, repairing, and correcting water resource problems and issues.

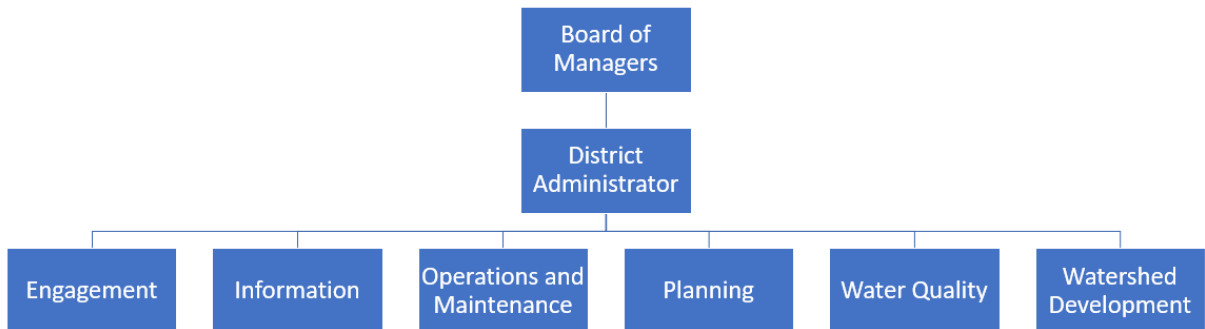
Location



Our Approach and Concept of Operation

Basic Organization

The District is organized into six program areas which mirror and serve as essential field operating systems.

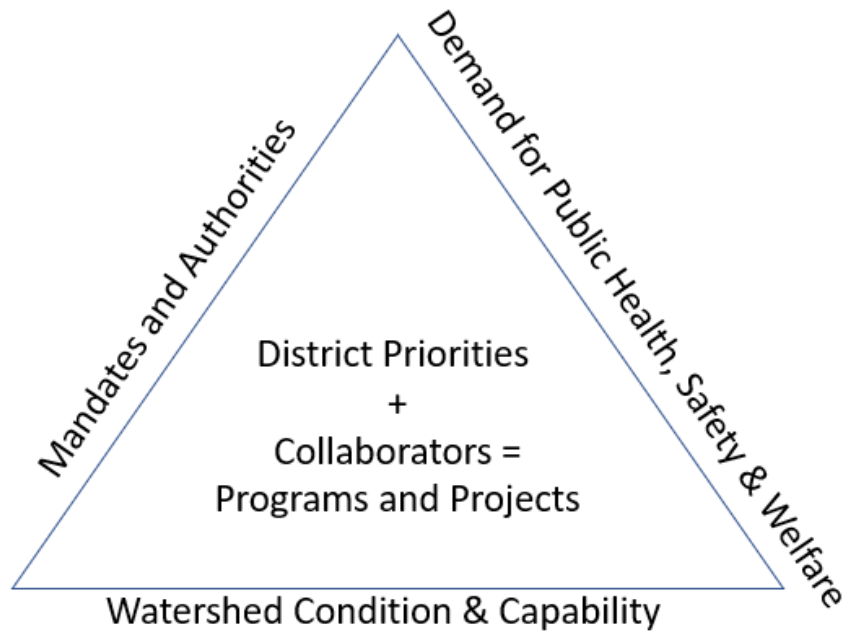


Key Staff and Leadership

Program	Staff Contact
Administrator	Tim Kelly
Attorney	Michelle Ulrich
Director of Annual Operations	Jon Janke
Engagement	Jessica Lindemyer
Engineering	Eileen J. Weigel, Stantec
Information	Dawn Doering
Operations and Maintenance	Jon Janke
Field Operations	Tyler Thompson
Infrastructure Inspections	Jason Hilst
Planning	Erik Bye
Water Quality	Justine Dauphinais
Water Quality & Weather Specialist	Chase Vanderbilt
Watershed Development	Erin Margel
Plan and Permit Review	Abby Lee
Inspections	Kailee Hasbrook

Concept of Operations

The District’s current strategy and concept of operations is founded on watershed-based collaborative management actions.



Operate in One- and Ten-Year Cycles

All District goals, programs and intended projects and actions are disclosed in an approved Comprehensive Watershed Management Plan. The plan is reviewed by all state and local stakeholders and approved by the Minnesota Board of Water and Soil resources. Those plans typically are developed for a ten-year period (eg 2014-2023 or 2024 to 2033) and document and disclose the: water management situation; the principal needs and priority goals to be pursued or accomplished: the mix of research, capital, regulatory, and public information and engagement projects, tasks and activities that will be taken to pursue or achieve those goals; the costs, material and staff that will be needed over that time to make this happen: and finally the leadership, governance, communication and collaboration involved.

Implementation of the ten-year Comprehensive Watershed Management Plans occurs through the District’s annual planning, programming, budgeting, and execution (PPBE) system. The annual PPBE process is shown below.

Annual Cycle

Phase	J	F	M	A	M	J	J	A	S	O	N	D
Planning												
Programming												
Budgeting												
Execution												

Assessment of the Financial Condition (Unaudited)

2023-24 Financial Condition

Description	Fund Balance		Change
	1/1/2023	12/31/2023	
Special Revenue Funds			
MWMA Fund	1,958,079	358,802	(1,599,277)
Illicit Discharge Detection	750	750	-
Rapid Response Reserve	40,000	40,000	-
MWMA Fund Balance	1,917,329	318,052	(1,599,277)
Grants			
ACD WCA Block Grant	-	9,224	9,224
FY19 BWSR CWF MSCCR Gra	-	-	-
FY20 BWR CWF Coon Ck Park	6,716	6,716	-
FY20 Fed 319 NKE Plan Grant	-	-	-
FY21 BWSR WBIF Aurelia Parl	-	31,017	31,017
FY21 BWSR CWF PCSBIESF	39,592	39,592	-
FY22 PCA 319 Pet Waste	(676)	541	(135)
FY22 BWSR CWF ECIESF	172,500	(172,500)	-
FY22 BWSR WBIF Retrofits	108,189	108,189	-
Fiduciary Funds			
Escrow Trust	2,109,241	2,128,456	19,215

2023 Budget Performance

Revenue Sources	2023			
	Adopted Budget	Actual	Variance	Pct Variance
Property Taxes	3,187,821	3,131,633	(56,188)	-2%
Special Assessments	-	-	-	
Fees & Charges	552,291	224,491	(327,800)	-59%
Grants	405,527	249,542	(155,985)	-38%
Other Revenue	26,963	169,086	142,123	527%
Fund Balances	342,274	161,336	(180,938)	-53%
Total	\$ 4,514,876.00	\$ 3,936,088.00	(578,788)	-13%

Expenditure Sources	2023		Variance	Pct Variance
	Adopted Budget	Actual		
Salaries & Benefits	1,775,997	1,528,715	(247,282)	-14%
Professional Services	382,506	266,667	(115,839)	-30%
Operating Expenses	227,180	175,037	(52,143)	-23%
Program Expenses	2,402,962	1,628,301	(774,661)	-32%
Capital Equipment	21,795	11,815	(9,980)	-46%
Total	\$ 4,810,440	\$ 3,610,535	\$ (1,199,905)	-25%

Status of 2023 Audit

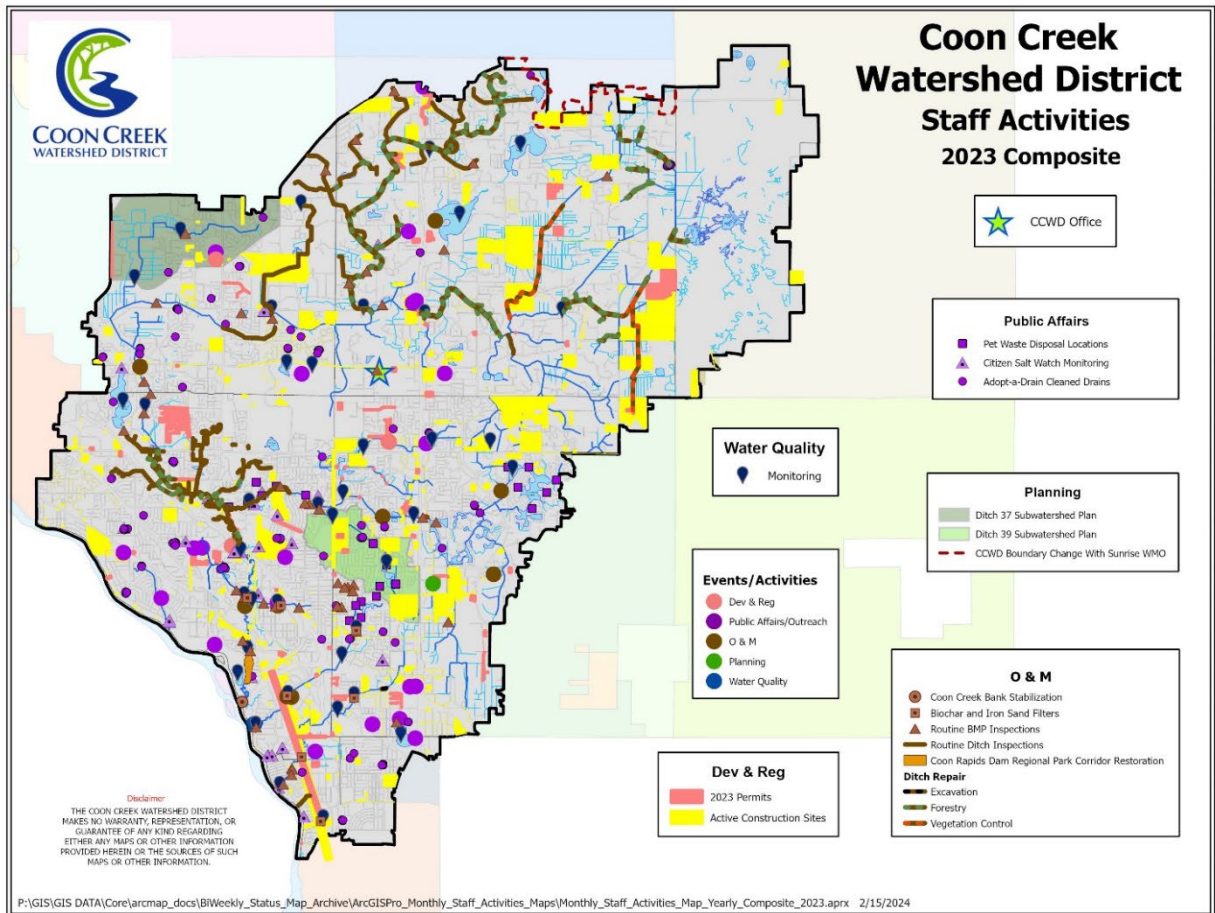
Anoka County performs the accounting for the district and the district's accounts and general ledger are incorporated into the County database. To save time and money both audits are performed by the same audit team at the same time. The implication of this is that the 2023 audit will not be available until the fall of 2024.

Assessment of 2023 Comprehensive Watershed Management Progress

Where We Are At

In 2023 the Minnesota Board of Water and Soil Resources grant a one-year extension on the 2013-2023 Comprehensive Watershed Management Plan to August 2024. In December 2023 a Draft of the newest Comprehensive Plan was submitted for public and agency review. Over 300 comments were received by the end of February 2024. At present the District is reviewing the comments and preparing appropriate responses. Because of the Comprehensive Plan extension and the proposed shifting in District goals, this assessment will focus in work and progress in the District’s five principal resource management areas.

2023 Management Activities



Groundwater

In the Anoka Sand Plain there are two ground water systems of concern to the District.

First, deep bedrock aquifers provide most of the drinking water to the citizens of the District. In 2023 the District’s watershed development program played an active role in source water protection by reviewing and regulating and in some instances prohibiting approximately 66 proposed land use changes within the watershed that involved ground water and potentially influenced public drinking water supplies.

The second ground water resource concerns the water table. An unconfined water source that provides base flows to ditches and streams as well as lakes and wetlands. In 2022 and 2023 monitoring of surface waters in the southern portion of the watershed showed high levels of chloride that could only have come from the surficial ground water. This was a new discovery and in 2023 the District planned actions disclosed in the Draft Comprehensive Plan to further assess the scope of the effect and cost-effective options for mitigating this chloride pollution.

Goal

The District’s goal for ground water management within the watershed is:

To manage groundwater underlying the Coon Creek Watershed cooperatively with the cities and the involved state agencies to promote long-term maintenance or restoration of groundwater systems and their groundwater-dependent ecosystems, including springs, lakes, ponds, streams, riparian areas, and wetlands.

How We Did in 2023

Objective 1: To assist drinking water suppliers in protecting public water supply well heads and source waters.

Activity	
Permit Applications Received	66
Technical Assistance Applications Received	61
Permits Issued	50
Board Application Decisions Made	54
New and Reconstructed Impervious Surface Permitted (acres)	129.7
Land Disturbance Permitted (acres)	298.2
Inspections Conducted (include all inspection types and infiltration witnessing)	746

Objective 2: To assess the scope and effect of water quantity and quality changes in the surficial aquifer.

Activity
Developed and distributed for public review a strategy to address the surficial ground water system of the Dis
Conducted targeted water quality monitoring for Chloride during low flow

Public Drainage

The District serves as the drainage authority for 133 miles of public ditch within the watershed. Sixty-three percent of the public drainage system is in good condition and adequately serves the purpose for which it was established. Thirty-six percent of the public drainage system is in fair condition and also successfully functions as designed by is prone to difficulties which require spot maintenance. These ditches serve as essential infrastructure for 13,780 acres of drainage dependent land that have established drainage rights.

Goal

The District's goal for managing public drainage is:

To provide sustainable drainage in a fiscally responsible manner from watershed lands for administration, protection, utilization, and enjoyment of the waters and related resources of the District.

How We Did in 2023

The public drainage system faces three major challenges:

1. Fulfilling its legal obligations to the landowners with established drainage rights that depend on continued drainage for their livelihood.
2. To ensure that stormwater from newly developed or changed land uses upstream from those drainage dependent lands is reasonably and adequately controlled so as not to cause or contribute to flooding or water quality degradation.
3. To address, to the maximum extent practicable, those stressors and functions contributing to the impairment of water quality within these conveyances.

Number 3 is assessed in the discussion on water quality.

Number 2 is assessed in the discussion on water quantity.

Number 1, ensuring drainage is assessed below.

In 2023 the District conducted the following work

Activity	2023
Bank stabilization projects	1
Beaver issues	29
Beaver removed	23
Ditch maintenance	5
Drainage issues	5
Erosion issues	6
Miles of Contracted Municipal Channel Inspections	11.26

Activity	2023
Miles of Ditch inspections	27.75
Number of Contracted Municipal Channel Inspections	2
Number of Drainage System Inspections	4
Obstruction complaints	32
Obstruction issues	25
Percent of Total Drainage System Inspected	18.0%

The District also responded to 73 questions and complaints involving the condition r general nature of the public drainage system.

Water Quality

The watershed contains or abuts 11 water resources that do not meet state or federal standards for water quality and are therefore designated as ‘impaired’. Seven streams, three lakes and the Mississippi River. The primary pollutants of interest with direct impacts on both aquatic life and recreation-based impairments are total suspended sediments (TSS), total phosphorus (TP), E. coli, and chlorides. Secondary stressors include poor habitat, altered hydrology, and low dissolved oxygen levels. Exceedances of water quality standards for these parameters are widespread. Major issues compounding these pollution problems or creating problems and issues on their own include:

- Active channel erosion
- Aquatic Invasive Species
- Groundwater vulnerability to pollution

Goal

District water quality goal is:

To protect and improve the physical, chemical, and biological quality of the District’s water resources consistent with State and Federal water quality standards.

How We Did in 2023

Activities	2023
Sites Monitored	67
Monitoring Visits	421
Grab Samples Collected	1459
Sonde Measurements	364
Paired Flow Measurements	153
Telemetry-enabled sites	9

Aquatic Invasive Species (AIS) early detection surveys	10
AIS response treatment sites	8
Grants applications & awards	1 of 1
Active grants administered	5
Cost share projects funded	2
Stream habitat restoration projects	0
Regional stormwater Best Management Practices (BMPs)	2
Conference Presentations	3
Water Quality Issue Response	6

Water Quantity

The watershed drains approximately 107 square miles and on average receives about 32-33 inches of precipitation per year. There are approximately 180 miles of open channel comprising approximately 7,700 acres. Approximately 134 (74%) miles were improved between 1890 and 1920 and are maintained as part of the public drainage system. There are 10 natural and manmade lakes within the watershed. The natural lakes are shallow lakes usually associated with type 4 & 5 wetland. Groundwater occurs under the entire District. It is within five to ten feet of the land surface over approximately 75% of the watershed.

Water quantity management within the watershed is driven by the amount of precipitation (rain and snow) we receive, land use changes and the variables found in the standard hydrologic equation:

Variable	Definition
P	Total precipitation input
ET	Total evapotranspiration loss
R	Total stream flow
Δ SMS	Change in soil moisture storage
Δ GMS	Change in groundwater storage
Δ DS	Change in depression storage
GWF	Groundwater flux (groundwater flow into or out of the drainage basin).
R	Runoff

Goal

The District has four goals concerning water quantity:

- 1. To closely monitor and model the watershed’s response and behavior to various hydrologic events.**

2. **To restore and preserve desirable watershed conditions that will prevent or minimize flooding and minimum flows.**
3. **To prevent property damage from flooding, erosion, or degraded water quality**
4. **To ensure balance between inflow, outflow, and the storage of water**

How We Did in 2023

Management activities during 2023

Activity	2023
Months of daily precipitation monitoring in watershed reported to District and collaborators monthly.	12
Number of Volunteer Rain gage Network	17
Spring snowpack investigations	10
Subwatershed hydrologic model review, updates and refinements for flood elevations	3 (23%)
Reviewed subwatersheds with hydrologic model refinements	1 (8%)
Percent of subwatersheds with restoration and mitigation projects	66%
Cases modeled for FEMA action to ensure flood elevations.	17
Permits reviewed to prevent flood damage.	60
Number of flood hazard obstructions removed.	49
Miles of Contracted Municipal Channel Inspections	11.3
Number of Contracted Municipal Channel Inspections	2
Bank stabilization projects	1
Erosion issues	6
Flooding issues	5
Public safety issues	0
Routine or follow-up inspections.	94
Spring flooding responses	10

Wetlands

The Coon Creek Watershed contains approximately 15,508 acres of wetland (NWI, 2019). An additional 6,500 acres of wetland may be farmed. Wetlands comprise approximately 31% of the watershed.

Historic estimates, based on hydric soil mapping, are that approximately 47% of the watershed was wetland, as we define them today, prior to settlement (USDA, 1977).

There are three priority problems, issues, and concerns facing wetlands within the watershed:

1. Effects of drainage on jurisdictional wetland
2. Long-term sustainability of wetland hydrology
3. Areas with the capability and capacity to restore and sustain wetlands.

Goal

The District goal is:

To pursue the no net loss of the quantity, quality, and biological integrity of the District wetlands.

How We Did in 2023

Management activities during 2023

Activity	2023
Wetland-related Landowner Contacts	192
Boundary/Type Applications	28
No-loss Applications	5
Exemption Applications	3
Square Ft of Exempt Permanent Impact	2,676
Sequencing Applications	0
Replacement Plan Applications	2
Replacement Plans utilizing Wetland Banking	2
Replacement Plans utilizing Project-Specific Replacement	0
Replacement Plans utilizing both Wetland Banking and Project-Specific Replacement	0
Square Ft of Permanent Impact with Approved Replacement Plan	37,056
Potential WCA Violations Investigated	6
TEP Meetings Held	22
Wetland Mitigation Monitoring Reports Reviewed	2
Total Wetland Applications/Requests Received	45

2023 Findings and Lessons Learned

Groundwater

1. 2023 stream chloride monitoring revealed problematic levels of chloride contamination in shallow groundwater as evidenced by elevated chlorides during baseflow compared to stormflow including prolonged exceedances of the chronic aquatic life toxicity standard in Pleasure Creek for the first time.
2. Many of the long-term wetland level monitoring wells went dry in late June-mid September, but all rebounded to measurable levels by early October except for one in central Andover which remained at least 27” below the ground surface at edge of wetland.
3. In 2023, shallow lakes throughout the District remained 1-2’ below the long-term average water level for the third consecutive year.

Public Drainage

4. Prolonged drought is contributing to an increase of dying and falling trees and sloughing of the ditch banks resulting in obstructions and deflected flows creating erosion
5. MPCA Stream Habitat Assessment completed on 40% of the public ditch system for qualitative aquatic habitat information identified habitat variability ranging from 25-72 (out of 100) throughout the ditch system enabling managers to better target aquatic habitat improvement strategies and efforts.

Water Quality

6. A diagnostic study in the lower reaches of Pleasure Creek revealed that TSS exceedances at the outlet monitoring site are caused by in-channel sources and not direct watershed runoff as previously believed.
7. A Districtwide street sweeping cost-benefit analysis revealed that enhanced street sweeping would be a cost-effective BMP to meet TP reduction goals; optimizing existing sweeping effort and equipment capacity alone could result in achieving 3-21% of TMDL TP WLAs and increasing sweeping effort could realistically achieve 19-100% of TMDL TP WLA across the four impaired streams at a cost less than \$500 per lb TP.
8. Performance monitoring of District-operated BMPs revealed that all BMPs are currently meeting removal efficiency design standards.
9. Routine lake and stream monitoring results were as expected and did not reveal anything concerning needing further investigation.
10. The initial estimated cost to achieve the TMDLs that were in existence in 2023 was \$103 million dollars over the next 21 years.

11. An evaluation of 68 crossings and potential barriers to aquatic organism passage on the aquatic life impaired reaches of Coon and Sand Creeks identified 22 barriers impacting aquatic organism passage.
12. MPCA Stream Habitat Assessment completed on 40% of the public ditch system for qualitative aquatic habitat information identified habitat variability ranging from 25-72 (out of 100) throughout the ditch system enabling managers to better target aquatic habitat improvement strategies and efforts.

Aquatic Invasive Species

13. Districtwide reconnaissance activities found one new population of invasive phragmites in August 2023 which initiated a rapid response herbicide treatment in September.
14. Follow-up monitoring of previously treated phragmites infestations revealed 98% of the infested area is now under control.
15. Lake vegetation surveys in fall 2023 found invasive hybrid Eurasian Watermilfoil exceeding the threshold triggering lake wide treatment for the first time since the highly successful whole lake treatment in 2016; a repeat lake wide fluridone treatment was initiated in November.
16. The initial estimated cost to achieve the TMDLs that were in existence in 2023 was \$103 million dollars over the next 21 years.
17. An evaluation of 68 crossings and potential barriers to aquatic organism passage on the aquatic life impaired reaches of Coon and Sand Creeks identified 22 barriers impacting aquatic organism passage.

Water Quantity

18. FEMA and DNR have delayed review of the District's hydrologic model and effort to revise floodplain mapping to be more accurate.
19. MPCA Stream Habitat Assessment completed on 40% of the public ditch system for qualitative aquatic habitat information identified habitat variability ranging from 25-72 (out of 100) throughout the ditch system enabling managers to better target aquatic habitat improvement strategies and efforts.

Wetlands

20. Water levels in all reference wetlands remain depressed and approaching.

Assessment of the 2024-25 Operating Environment

This section concerns the District’s ability to anticipate structural changes in the operating environment early enough to adapt the District’s strategy and planned budget. The Operating Environment is that composite of conditions, circumstances, and influences that affect the District’s capabilities and strongly influence the decisions made by a Board or Manager.

The section is designed to encourage the purposeful preparation of the District to budget and pursue implementation of the comprehensive plan goals and objectives in 2025. For the highly collaborative effort in effect within the watershed, thinking through the most important conditions in a changing world can mean the difference between success and failure, and the needless expenditure of public funds versus the judicious and prudent application of both to manage and sustain our water resources.

Our intent is to describe the likely operating environment through December of 2025 and project implications of change for water management, so the District and collaborating agencies can anticipate and prepare budget and work needs. To do this, we pose and then explore three foundational questions. Answers to these questions describe the operating environment and suggest ways the District and its collaborators might prepare for the future. These questions are:

1. What trends and conditions will shape the future water resource environment?
2. How will trends and conditions intersect to change the future character of water management? (What can we expect to see – in all probability)
- 3.
4. What projects will the District and our collaborators need to conduct in 2025 and 2026?

Expect to See: Trends and Conditions Shaping Water Management in 2024-25

Economic Environment

- Inflation is expected to continue to ease gradually, as cost pressures moderate A surplus in the general fund in FY 2024-25 of \$3.7 Billion
- Continued economic growth.
- A decrease in inflation in 2024 and 2025 with the Consumer Price Index falling an additional 1.9% in 2024 before it begins a 2.3% rise in 2025.
- Unemployment is expected to rise from 2.9% in December, 2023 to approximately 4% by December 2024
- Wages and salary disbursements are forecasted to rise 5% in 2024 and 4.2% in 2025.

Information and Technology

- The rate of technological change is moderately high.
- Technology will remain a driving force in evolving workplace changes.
- Increased Ability to Collaborate
- Technological innovations—including automation, online collaboration tools, artificial intelligence, and additive manufacturing—will reshape some fundamental aspects of how and where people work.

Infrastructure

- A focus on “enhancing” asset utilization and optimizing performance to extend asset use.
- Increasing questions about the ‘resilience’ of storm water assets by citizens, government grant makers and insurance companies.

Management Environment

- Increased difficulty in attracting and retaining qualified staff is already upon us and is expected to continue.
- The increased complexity of the legal and financial environments, combined with a scarcity of qualified and dedicated staff will heighten the risk of miscalculation that could result in an acceleration of adverse conditions.
- Scarcity will be more apparent and the insistence of State agencies to address economic problems with ecological solutions versus ecological problems with economic solutions is compounding problems.
- Communities that share a single water source will begin to feel and or exhibit increasing concern and/or pressure to claim a use of that resource over their neighbors in response to real or perceived well or other interference.

Physical Environment

- Precipitation will likely occur irregularly and in high intensity short duration events.
- Continued long periods of excessively dry conditions (drought)
- A few cases of well interference will probably occur in private wells less than 50 to 150 feet deep.
- Increased likelihood of introduction of new aquatic invasive species
- Increased occurrence of Chloride in base flows in the southern portion of the watershed
- Increased likelihood of contaminants or emerging concerns
- All lakes show steady conditions and are not declining.

Political Environment

- Efforts to increase regulation of local water management authorities particularly drainage authorities.
- Increased challenges to the existing local water management model catalyzing a reshaping of local water management.
- An occurrence of geopolitical water politics between cities due to water issues most likely ground water.
- Water Insecurity/Scarcity Is Likely Going To Get Worse, Water insecurity will have material impacts on cities, industrial and agricultural production, and communities with vulnerable water supplies.

Social

- An increase in public concern about drinking water supply and water quality
- An increase in public activism that will involve more direct public action.

The Probable Character of the District's Operating Environment in 2025 and 2026