

AGENDA

COON CREEK WATERSHED DISTRICT BOARD OF MANAGERS

March 13, 2023
5:30 PM

1. Call to Order
2. Approval of the Agenda
3. Announcements
4. Open Mic

CONSENT ITEMS

5. Approval of Minutes
6. Receive Administrator's Report
7. Advisory Committee Report
8. Approve Bills

POLICY ITEMS

9. Election of Board Vice President
10. 2024 Budget Development Calendar
11. 2023 Q1 Water Quality Cost Share Awards

PERMIT ITEMS

12. Coon Rapids Walser Hyundai Parking Lot Expansion
13. Jam Hops Addition

DISCUSSION ITEMS

14. Draft 2022 Annual Report
15. Update on Services RFP (ABM)

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, February 27, 2023, at the Coon Creek Watershed District Office.

1. Call to Order

The meeting was called to order at 5:30 PM.

Board Members Present: Jim Hafner, Matthew Herbst, and
Dwight McCullough

Board Member Absent: Mary Campbell and Patrick Parker

Staff Present: Jenny Gooden, Tim Kelly, and
Michelle Ulrich

Staff Present via Zoom: Dawn Doering, Erin Edison, and Jon Janke

Visitor: Roger Johnson

2. Approval of the Agenda

Board Member McCullough made a motion to move Items 8,9, and 10 to the Consent Agenda. Seconded by Board Member Hafner. Motion carried with three yeas (Board Members Matthew Herbst, Dwight McCullough, and Jim Hafner) and no nays.

Board Member McCollough made a motion to approve the amended agenda. Seconded by Board Member Hafner. Motion carried with three yeas (Board Members Matthew Herbst, Dwight McCullough, and Jim Hafner) and no nays.

3. Announcements – None.

4. Discussion from the Floor

No one was present to address the Board.

Administrator Kelly reported that Citizen Advisory Committee (CAC) member Roger Johnson was in attendance at the meeting. He stated that Mr. Johnson has been on the CAC for 12 years.

CONSENT ITEMS

5. Approval of Minutes of February 13, 2023

6. Approve Bills to be Paid: Claims totaling \$205,489.52 on the following disbursement list will be issued and released upon Board approval:

February 27, 2023	
To	Amount
Anoka County	121,400.83
Berg-Johnson Associates Inc	27,300.00
Centerpoint Energy	558.83
SHI International Corp	4,129.00
Stantec	38,837.36
State of MN Auditor	13,263.50
	205,489.52

The following Permit Items were moved to the Consent Agenda by motion:

8. Misc. Trail Reconstruction: The project purpose is reconstruction of trails within the City trail system in various location in Coon Rapids, Minnesota.

Staff recommendation was to Approve with 2 Conditions and 0 Stipulations as follows:

Conditions to be Met Before Permit Issuance:

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$2,350.00.

Soils and Erosion Control (Rule 4)

2. A note that disturbed soils and stockpiles will be temporarily or permanently stabilized within 24 hours after construction activity in that area has temporarily or permanently ceased.

Stipulations: None.

9. 2023 Street Reconstruction Permit Review: The purpose of the project is street reconstruction in the Oaks of Shenandoah neighborhood from 126th Avenue north to and including 131st Avenue and between Coon Creek Boulevard and Shenandoah Boulevard, various streets in the Oaks of Shenandoah Neighborhood, Coon Rapids, Minnesota.

Staff Recommendation was to Approve with 2 Conditions and zero Stipulations as follows:

Conditions to be Met Before Permit Issuance:

Procedural Requirements (Rule 2.7)

1. 1. Submittal of a performance escrow in the amount of \$3,650.00.

Soils and Erosion Control (Rule 4)

2. Provide a note on the erosion and sediment control plan that disturbed soils and stockpiles will be temporarily or permanently stabilized within 24 hours

after construction activity in that area has temporarily or permanently ceased.

Stipulations: None.

10. Norbella Senior Living Permit Review: The purpose of the project is construction of a senior living facility and associated parking. The project is located at 124th Avenue NW and Ivywood Street NW in Coon Rapids, Minnesota.

Staff recommendation was to Approve with 6 Conditions and zero Stipulation as follows:

Conditions to be Met Before Permit Issuance:

Fees and Escrows (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$3,000.00

Stormwater Management (Rule 3)

2. It is understood that rate control will be met since the project is proposing less impervious than the previously approved design. However, updated rate control tables should be provided for each discharge point (northwest to existing 18" storm sewer, and southwest to 124th Ave) based on the proposed site conditions.
3. Proposed high water levels listed in table 1 are inconsistent with high water levels in the proposed HydroCAD model. Ensure values listed in table are consistent with HydroCAD results.
4. Drainage area 10S in the proposed HydroCAD model matches drainage area 10S from the previous Metro Self Storage HydroCAD model. Update drainage area 10S in the proposed HydroCAD model to reflect the proposed conditions of the site.
5. Sheet C6.3 includes a detail for both a SAFL Baffle and The Preserver, it is unclear which is being proposed within STMH-101. Clarify and provide a note on the utility plan specifying which one is proposed within STMH-101.

Soils and Erosion Control (Rule 4)

6. A note that disturbed soils and stockpiles will be temporarily or permanently stabilized within 7 days after construction activity in that area has temporarily or permanently ceased.

Stipulations: None.

Board Member Hafner made a motion to approve the Consent Agenda. Seconded by Board Member McCullough. Motion carried with three yeas (Board Members Matthew Herbst, Dwight McCullough, and Jim Hafner) and no nays.

POLICY ITEM

7. Water Education Grant – Supporting Clean Water and Strong Communities – via Westwood Middle School 7th Graders

Dawn Doering, Public and Governmental Affairs Coordinator, presented a Water Education Grant application in the amount of \$1,000 for the transportation, materials, and consultant to 7th graders to plan, grow, plant and present a shoreline planting project at the Northtown Library. She reported that in February 2023, she received an application from Angela Skauge, 7th Grade Math teacher at Westwood Middle School, to cover the costs of transportation, materials, and consultant/speaker for students to become leaders in the use and role of plants in water quality and drought adaptations using a hands-on planting project at the stormwater pond located on the property of Northtown Library in Blaine, MN. She stated that this project expands on previous success in this shoreline buffer demonstration site.

Ms. Doering reported that Ms. Skauge plans for students to use the planning, growing, and planting process to learn about the impact of deep-rooted native plants on removal of water pollutants in shoreline buffers and drought-adaptation and groundwater recharge role. She stated that students will then present that information in slideshows and other means to the community.

Ms. Doering reported that the District has had success with other grant awards to Ms. Skauge and her principal, Mr. Larson, in previous years. She stated that this is the first grant request this year and would leave a balance of \$2,700 for the remainder of the year. She reported that no schools applied last year for the available grants.

Board Member Hafner inquired if the other grant projects in the past have been successful.

Ms. Doering stated that they have been successful, and the project site is used for many demonstrations and Outreach Day events.

Board Member Hafner made a motion to approve Water Education Grant Application 23-01 and award grant of \$1,000 for transportation, materials, and consultant to 7th graders at Westwood Middle School to plan, grow, plant and present on a shoreline planting project at Northtown Library. Seconded by Board Member McCullough. Motion carried with three yeas (Board Members Matthew Herbst, Dwight McCullough, and Jim Hafner) and no nays.

PERMIT ITEMS -These items were moved to the Consent Agenda.

DISCUSSION ITEMS

11. 2023 Public Relations and Engagement Update

Dawn Doering, Public and Governmental Affairs Coordinator, presented an overview of the projects and initiatives planned for 2023. She highlighted six projects and the quarter in which they will be implemented.

Ms. Doering provided an overview of the routine activities of the department and provided a schedule of outreach events. She reported that Abby Shea, Engagement Specialist, will be attending approximately 19 events this year.

Ms. Doering reported that there will be strong focus on web-based issue reporting of projects on the website. She reported that 23 new pet waste stations will be installed in the District. She stated that over 17,000 pounds of pet waste was collected in 2022.

12. Update on County Transition

Administrator Kelly reported that he had spoken with Mr. Kampf, Anoka County Chief Financial Officer, regarding the transition between the county and CCWD. He reported that there are five important items that are being addressed in the transition process. He stated that those items are the audit process, financial accounts with US Bank, accounting and payroll services and insurance benefits for the District employees. He reported that US Bank will work with the District in the transition of the financial accounts and the ability to utilize the existing MAGIC account.

Mr. Kelly reported that Request for Proposals (PFP) are currently being drafted and will be sent to firms for accounting and benefit services. The consensus of the Board Members was to allow Mr. Kelly to send the proposals to the firms and report the results to them.

Mr. Kelly reminded the Board Members that when they speak with Anoka County Commissioners, it will be important to communicate the importance of the benefits and accessibility to insurance benefits to avoid future levy increases and the possibility of the loss of important staff within the District.

President Herbst reported that he has reached out to the Commissioners and expressed the importance of working with the District to make this transition as easy as possible and without much disruption for everyone. He stated that the Commissioners are willing to work with the District.

Board Member Hafner stated that he has spoken with Commissioner Jeppson and reported that she is very supportive of the District and was aware of the importance of the timeframe for the transition and the impact this could have on future levy amounts. He reported that the new accounting software for the County has been a very long process for them and understands that the District does not fit into the new accounting process. He agreed that a year timeline is reasonable for the changes that need to be addressed and to occur.

INFORMATIONAL ITEMS

13. 2023 Salt Legislation Sign-on Letter

Mr. Kelly presented a letter from numerous watershed organizations and local municipalities that will be sent to legislation asking for their support in passing the Smart Salting Bill so it can become a law during the 2023 legislative session. He reported that the letter sets up a voluntary approach whereby property managers and snow-removal contractors can become certified in well established, science-based practices for applying salt and deicing chemicals.

The consensus of the Board Members was that they are in favor of the letter.

ADJOURN

Board Member McCullough made a motion to adjourn. Seconded by Board Member Hafner. Motion carried with three yeas (Board Members Jim Hafner, Matthew Herbst, and Dwight McCullough) and no nays.

The Board Meeting adjourned at 6:19 PM.

President, Matthew Herbst

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

MEETING DATE: March 13, 2023
AGENDA NUMBER: 6
ITEM: Administrator's Situation Report

AGENDA: Consent

REQUESTED ACTION:

Receive report

ADMINISTRATOR'S EVALUATION

Condition of the Watershed

The District possesses the required resources and is trained to undertake many, but not all, portions of its legislative mission.

Upcoming Board Considerations

Approve 2022 Annual Report	3/27
Adopt Budget Guidelines	3/27
Admin services RFP	4/10

Staff Work Priorities

- 2022 Routine Forestry
- Comprehensive Plan -Alternatives
- new Webpage - Spring Flooding Outlook
- Microbial Source Tracking II Data Analysis
- Wolens Issue

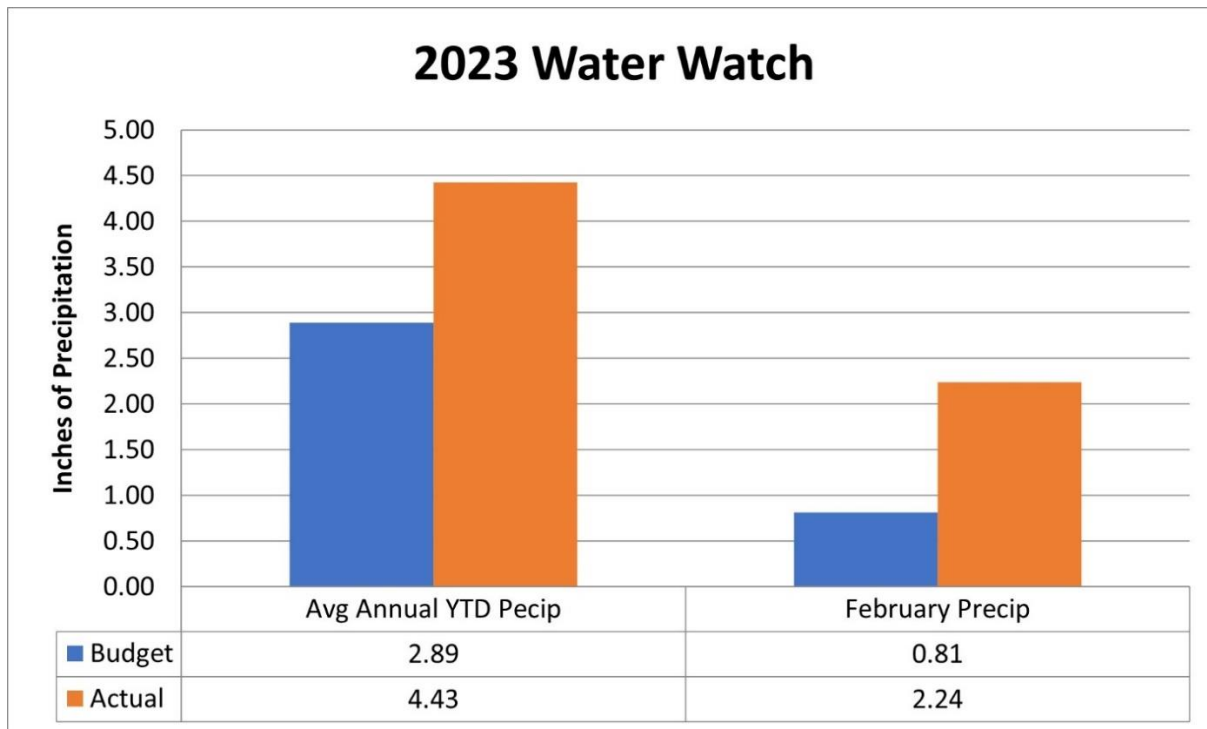
MANAGEMENT SITUATION

The District averaged 2.2 inches of precipitation (water equivalency) in the month of February. That leaves the District 1.4 inches or 175% above average for the month and 1.5 inches or 53% above for the year. There is currently a snow to water equivalency hovering around 3 inches, but could be closer to 4 inches in some areas and less in others.

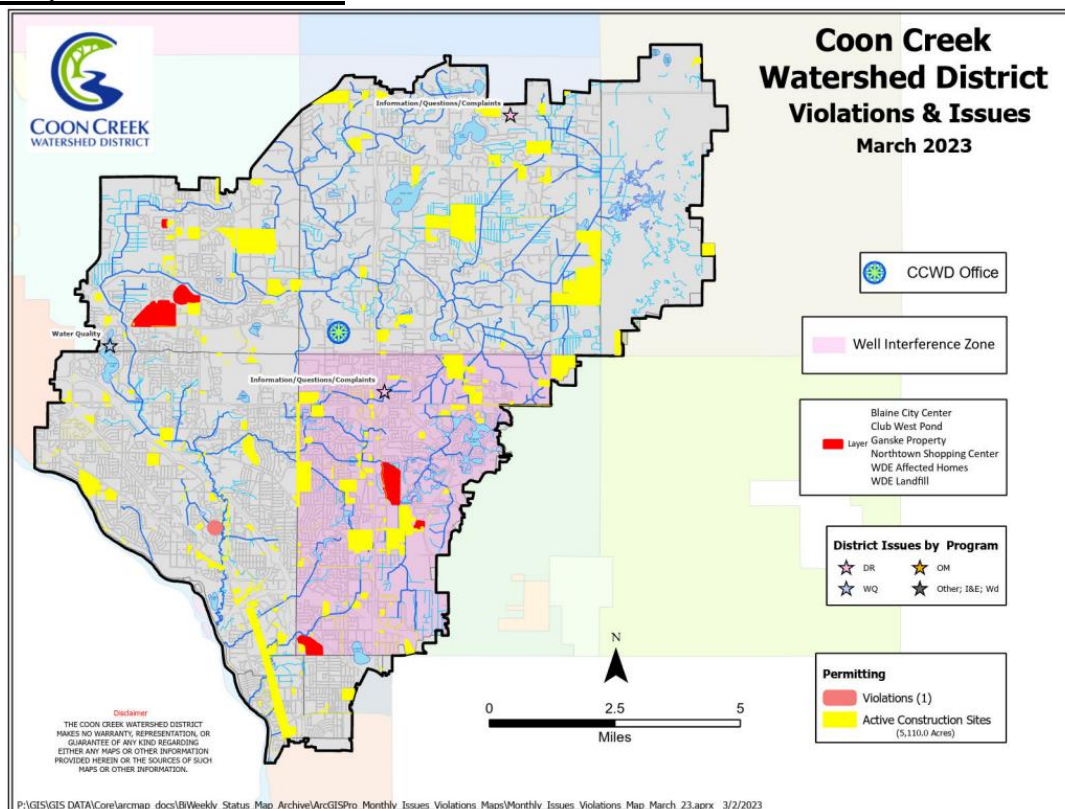
According to the latest US Drought Monitor release (February 21st), drought conditions in Anoka County improved with nearly 100% of the County listed as Abnormally Dry. I expect most of the County will be delisted soon considering precipitation since the 21st.

The flood risk in the District is slightly above normal mostly due to the amount of water in the snowpack. We have favorable lake/river/wetland capacity, little frost depth, and drier soils to help alleviate the threat, but thaw rates/precipitation events and conveyance of that water will be of concern. O&M is keeping track of water conveyance issues and ice damming potential in

streams and ditches. There is currently low risk of ice damming in our smaller streams and moderate risk in portions of Coon Creek.



Problems, Issues and Concerns



February Priorities

O&M	Planning	PGA	WQ	Development
2022 Routine Forestry	Comprehensive Plan -Alternatives	new Webpage - Spring Flooding Outlook	Microbial Source Tracking II Data Analysis	Wolens Issue
Coon Rapids Dam Regional Park	2022 Annual Report & 2024 Forecast	Article- April Ham Laker- Turf care, CECs	2023 Monitoring Contract- Lab analysis	Epiphany Church
Pleasure Creek South BIESF	Prepare CIP Sheets	Comp Plan chapter reviews- CAC	Special Study: Coon Creek Dissolved Oxygen	Inspection Program Development
MS4 Front Asset Inventory Module	Succession Planning	North Suburban Home Show	Street Sweeping Crediting Study Phase 1	MS4Front Bugs

MANAGEMENT DISPOSITION

Financial Position:

February started with an operational fund balance of approximately \$1,827,044.81. 2.2% of those funds are restricted, leaving a working fund balance of \$1,786,294.81. Change in net cash position was -\$681,304.41. Balance of the escrow trust fund is \$2,052,336.142. One month into the fiscal year, the budget variance is +\$1 (0%) more than planned.

Equipment: The status and condition of the existing/available equipment may cause isolated decreases in flexibility in methods for mission accomplishment but will not increase the vulnerability of the public or resource

Staffing:

- Staff Availability: over the next 30 days we will be at 93%
 - One staff member will be on medical leave
 - 2 employees on FTO
 - 1 employee will use 2 days of Bereavement Leave

Personnel:

- Vacancies
 - **Planner:**
 - Position Description being developed
 - Posting position has been delayed until April
- Succession
 - Initial evaluations for succession planning have been put on hold
- **Health:** County has talked with Health care consultant and reviewed our claims profile. Consultant will be going to BCBS & Health Partners to discuss options for replicating coverage and obtain costs. Will hear back in 3 weeks.

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

MEETING DATE: March 13, 2023
AGENDA NUMBER: 7
ITEM: Advisory Committees Report

AGENDA: Policy Discussion Information

ACTION REQUESTED Receive Report

BACKGROUND

The Citizen Advisory Committee (CAC) met virtually on February 8th. The Technical Advisory Committee (TAC) meeting met virtually on February 9th. Meetings are recorded. Recordings available upon request.

- The next CAC meeting scheduled: March 8th at 4:30pm in person at CCWD office.
- The next TAC meeting scheduled: March 9th at 8:30am by Zoom.

ISSUES/CONCERNS

Citizen Advisory Committee (CAC)

All members were present except for Mr. Lindahl and Board Member McCullough.

Agenda items presented and discussed:

1. CCWD 2022 Projects, Initiatives, and Highlights: Public Relations Coordinator Doering shared a presentation to the group and answered questions from CAC members regarding funding sources:
2. CCWD Comprehensive Plan Update: Public Relations Coordinator Doering gave an update on review request of six Scoping chapters. Members gave direction regarding print or electronic copies of Scoping chapters 1-6 to review; most preferred paper and that CCWD print the ~120 pages to hand out at March CAC meeting, if timely enough. One person preferred all chapters in one email.

Technical Advisory Committee (TAC)

1. Comprehensive Plan Part I – Powerpoint presentation by Tim Kelly

Clarification questions came up regarding:

- FEMA/Atlas 14 floodplain map
- Aging infrastructure needs to also include outdated, undersized piping in light of climate change trends for increased amounts and frequency of precipitation
- Drinking Water- quantifying reserves; regional & state entities need to participate
- Groundwater/surface water interactions – how are they known?

2. MS4 Annual Reporting, General Discussion – Justine Dauphinais updated group on delayed annual reporting to MPCA to 2024 as they work on an online reporting software.

Documentation is still very important, and all requirements need to be met.

- There was a request for CCWD to continue sharing TMDL information and any recommendations to city partners.

3. Share & Care (OPICS)

1. Mark Hansen brought up LRB tire-derived aggregate study and let people know they can join the group.
2. Street Sweeping Study update: Justine reported that EOR is gathering data until end of Feb 2023; In general, the top recommendation is to report weight of sweepings more than just lane miles swept.

RECOMMENDATION

Receive Report

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 13, 2023
AGENDA NUMBER: 8
ITEM: Bills to Be Paid

FISCAL IMPACT: Budgeted
POLICY IMPACT: Policy

REQUEST
Approve bills

BACKGROUND

Claims totaling \$136,131.32 on the following disbursement(s) list will be issued and released upon Board approval.

March 13, 2023	
To	Amount
A1 Carpet & Floor	1,056.25
Anoka Conservation District	43,048.00
City of Andover	5,138.69
Connexus Energy	234.70
Loffler	120.28
Metro Inet	4,498.00
Michelle Ulrich PA	5,100.50
Poop 911	914.25
Respec	9,426.25
Stantec	57,559.81
US Bank	7,281.91
Well Groomed Lawns	1,714.50
Xcel Energy	38.18
	136,131.32

Item 8: Bills to be Paid Page 2 of 2

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VENUE	Peid	Div	CheckID	RefDt	Ref	Desc	DistAmt	GKey	GIObj	JIGr	JlKey	JLObj	Units	UnitPrice	RecvAddr Cd	DutyCd
ALFLOOR AND CARPET CARE INC	129035	CCWD	CC	02/28/2023	02302CWD	MAR 2023 CLEANING SERVICE	1,056.25	8699560512	61305				1	1,056.25	RO	GEN
ANOKA CONSERVATION DISTRICT	129749	CCWD	CC	02/23/2023	2023027	2023 MTRG & MGMT WORKPLAN	43,048.00	8699560512	61549				1	43,048.00	RO	GEN
CITY OF ANDOVER	130856	CCWD	CC	02/28/2023	WQCS 80%	WQCS 80% 2022 Q3 ANDOVER	5,138.69	8699560512	61549				1	5,138.69	R1	GEN
CONNEXUS ENERGY	131028	CCWD	CC	02/24/2023	253758-0223	ACCT 628846-253758 CCWD	234.70	8699560112	62226				1	234.70	RO	GEN
LOFFLER COMPANIES INC	134185	CCWD	CC	03/01/2023	4288267	ACCT CCUS CCHD FEB 2023	120.28	8699560112	62124				1	120.28	RO	GEN
METRO-INET	250487	CCWD	CC	03/01/2023	1114	MTHLY IT SERVICES MAR 23	4,498.00	8699560112	63066				1	4,498.00	RO	GEN
MICHELLE J LURICH PA	134647	CCWD	CC	03/06/2023	FEB 2023	LEGAL-FEB 2023	5,100.50	8699560112	63453				1	5,100.50	RO	GEN
POOP 911 OF MSP LLC	242133	CCWD	CC	03/01/2023	1030-166981	5 WEEKS CLEAN UP SERVICE MAR 23	675.75	8699560112	63595	56122201	63595		1	675.75	RO	GEN
RESPEC INC	212892	CCWD	CC	02/25/2023	INV-0223-064	PROJ 02734-GIS SERVICES	9,426.25	8699560112	63010				1	9,426.25	RO	GEN
STANTEC CONSULTING SERVICES	244057	CCWD	CC	03/03/2023	2050001	PROJ227704759 WICA 2/23	4,721.75	8699560212	63246				1	4,721.75	RO	GEN
STANTEC CONSULTING SERVICES	244057	CCWD	CC	03/02/2023	2050000	PROJ227705667 GENL ENGIN 2/23	6,910.75	8699560312	63246				1	6,910.75	RO	GEN
STANTEC CONSULTING SERVICES	244057	CCWD	CC	03/03/2023	2050597	PROJ227704742 PERMIT PROG 2/23	24,185.56	8699560212	63246				1	24,185.56	RO	GEN
STANTEC CONSULTING SERVICES	244057	CCWD	CC	03/03/2023	2050399	PROJ227705668 PLAN 1/23	1,586.50	8699560312	63246				1	1,586.50	RO	GEN
STANTEC CONSULTING SERVICES	244057	CCWD	CC	03/03/2023	2050399	PROJ227705668 FEAS STUDY 2/23	18,259.25	8699560312	63246				1	18,259.25	RO	GEN
US BANK	128761	CCWD	CC	03/02/2023	2049999	PROJ227705055 ECIESP 2/23	1,896.00	8699560512	63595				1	1,896.00	RO	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	42.26	8699560112	61477				1	42.26	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	63.40	8699560112	61477				1	63.40	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	99.98	8699560112	61149				1	99.98	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	14.51	8699560112	61149				1	14.51	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	8.48	8699560112	61149				1	8.48	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	11.99	8699560112	61149				1	11.99	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	12.99	8699560112	61149				1	12.99	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	27.44	8699560112	61105				1	27.44	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	48.75	8699560112	61149				1	48.75	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	155.00	8699560112	61355				1	155.00	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	833.40	8699560112	61101				1	833.40	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	1,168.07	8699560112	62229				1	1,168.07	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	159.00	8699560112	61249				1	159.00	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	77.96	8699560112	61249				1	77.96	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	9.95	8699560112	61149				1	9.95	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	12.73	8699560112	61149				1	12.73	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	27.89	8699560112	61149				1	27.89	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	998.50	8699560112	61380				1	998.50	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	80.29	8699560112	61559				1	80.29	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	105.89	8699560112	62228				1	105.89	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	494.18	8699560112	62273				1	494.18	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	2,566.72	8699560112	61251				1	2,566.72	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	45.75	8699560112	61149				1	45.75	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	66.73	8699560112	61149				1	66.73	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	215.00	8699560412	61355				1	215.00	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	200.00	8699560512	61148				1	200.00	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	33.98	8699560112	61149				1	33.98	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	50.34	8699560112	61148				1	50.34	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	5.19	8699560112	61559				1	5.19	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	350.80	8699560612	61349				1	350.80	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	110.03	8699560612	61549				1	110.03	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	20.00	8699560112	61148				1	20.00	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	178.67	8699560112	61148				1	178.67	RK	GEN
US BANK	128761	CCWD	CC	02/27/2023	27-FEB-2023	ACCT 4246-0445 5571 4595 CCWD	6615.98	8699560112	61251				1	6615.98	RK	GEN
WEL GROOMED LAWNS INC	212895	CCWD	CC	02/28/2023	58100	CCWD PLOW FEB 2023	1,714.50	8699560112	61250				1	1,714.50	RO	GEN
XCEL ENERGY	138277	CCWD	CC	02/15/2023	616426582	51-0013973606-9 2/23	38.18	8699560112	62226				1	38.18	RO	GEN
							136,131.32							136,131.32		

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 13, 2023
AGENDA NUMBER: 9
ITEM: Election of Officer(s)

POLICY IMPACT: Policy

BACKGROUND

Minnesota Statutes 103D.315 Subd. **Officers.** ...the managers must elect different managers as president, secretary and treasurer.

District Policy 1.4: Duties and Powers of the Board of Managers (adopted 7/23/90 and revised 5/10/93) stipulates that the Board of Managers shall have four officers:

1. President
2. Vice-President
3. Secretary
4. Treasurer

ISSUES/CONCERNS

The election of officers occurred January 9, 2023, while one Board Member was on an extended leave. Board Member McCullough filled in as Secretary until January 23, 2023, until Board Member Parker returned. Since that time a new Board Member has been added.

1. One new Board members: James Hafner
2. One position available: Vice President

RECOMMENDATION

Hold elections for office of Vice President.

Office	2023	Elected
President	Matthew Herbst	
Vice-President		
Secretary	Patrick Parker	
Treasurer	Mary Campbell	

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

MEETING DATE: March 13, 2023
AGENDA NUMBER: 10
ITEM: 2024 Budget Calendar and Process

AGENDA: Policy

ACTION REQUESTED

Approval of the budget process and calendar for the development of the 2024 District Budget

PURPOSE & SCOPE OF ITEM

The process and timeline for the orderly development, coordination, review, and adoption of the 2024 Budget.

BACKGROUND

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

COORDINATION

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

FACTS

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

ISSUES/CONCERNS

1. Proposed Board Budget Calendar

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

Date	Task
3/14	2024 Budget Calendar and Process
3/28	Budget Guidelines
3/28	Review Budget Outlook & Revenue Estimates
4/11	Approve Annual Report
4/25	Initial Preliminary Rough Draft Salary & Benefit Budget & Staff Proposals

Date	Task
5/9	Initial Preliminary Draft Salary & Professional Services Budget
5/23	Initial Preliminary Rough Draft Operating Budget
6/13	Initial Preliminary Rough Draft Program, Equipment & Capital Budget
6/20	DISTRICT TOUR
6/27	Initial Preliminary Rough Draft Program, Equipment & Capital Budget
7/11	Review and comment on Preliminary Rough Draft Budget
7/25	Review and comment on Preliminary Rough Draft Budget
8/8	Approval of Rough Draft Budget for Advisory Committee Review
8/22	Budget Decision packages prioritized and finalized
9/12	Review and approval of a DRAFT Budget for public review and hearing
9/12	Public Hearing on 2024 Budget
9/12	Adopt 2024 Budget
9/15	Deadline for adoption of the budget

2. District Tour

- Tour ?
- The annual tour will be scheduled Monday June 19.
- A proposed itinerary will follow, as well as a request for sites/issue examples/guests etc.

IMPLICATIONS

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

PRIOR DECISIONS

OPTIONS

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

RECOMMENDATION

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

ACTION/IMPLEMENTATION STEPS

Motion to adopt 2024 budget calendar as presented.

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 13, 2023
AGENDA NUMBER: 11
ITEM: 2023 Q1 Water Quality Cost Share Awards

AGENDA: Policy

ACTION REQUESTED

Award cost-share funds to identified project in accordance with Staff recommendations.

PURPOSE & SCOPE OF THE ITEM

To ensure progress towards achieving required TMDL categorical pollutant reductions and addressing identified stressors to aquatic life by administering cost share program for water quality improvement and protection projects.

Specifically addresses applications submitted as part of 2023 Q1 request for proposals

BACKGROUND

Section 303(d) of the federal Clean Water Act requires states to identify waters that do not meet water quality standards in support of designated beneficial uses. Coon, Sand, Pleasure, and Springbrook Creeks were listed as impaired for both aquatic life and recreation in 2006 and 2014, respectively. The Coon Creek Watershed TMDL and WRAPS, approved in 2016, established pollutant load allocations and implementation strategies to reduce total suspended sediments, total phosphorus, and *E. coli* and to address non-pollutant stressors in all impaired streams. As part of the 2016 Twin Cities Metropolitan Area Chloride TMDL study, Sand, Pleasure, and Springbrook Creeks were designated at high risk for chloride impairment; Pleasure and Springbrook Creeks are currently pending impairment. All MS4s within the District including CCWD, Andover, Blaine, Coon Rapids, Fridley, Ham Lake, Spring Lake Park, Anoka Highways, and MnDOT are jointly responsible for meeting required pollutant loading allocations by the target date of 2045.

COORDINATION

The Technical Advisory Committee (TAC) participated in initial program development and provides feedback on any proposed revisions to program guidelines. Applicants often request pre-application meetings to discuss identified projects.

FACTS

In 2018, the Board approved establishment of a CCWD Water Quality Cost Share Program in the amount of \$100,000 and issuance of the first RFP for 2019.

In 2019, \$175,400 in requests were received from 2 cities and the Board awarded \$74,200 to 4 water quality improvement projects. Continuation of the program in 2020 in the amount of \$100,000 was approved.

In 2020, \$138,534.28 in requests were received from 4 cities and the Board awarded \$96,034.28 to 4 water quality improvement projects. Continuation of the program in 2021 in the amount of \$100,000 was approved.

In 2021, \$86,968 in requests were received from 3 cities and the Board awarded \$86,968 to 5 water quality improvement projects. Continuation of the program in 2022 in the amount of \$75,000 was approved.

In 2022, \$57,503 in requests were received from 5 cities and the Board awarded \$57,503 to 5 water quality improvement projects. Continuation of the program in 2023 in the amount of \$80,000 was approved.

During the 2023 Q1 RFP, the following application(s) were received:

Title (Applicant)	Amount Requested	Description
Apex Pond Enhancement (Fridley)	\$50,000	Proposed expansion of existing rate control pond into a regional water quality pond, treating 87 ac untreated residential catchment and reducing TSS/TP to Springbrook by 2350 & 11 lbs/yr, respectively. Paired with municipal maintenance project fully funded by City (\$136K) which leads to cost-savings. Concept design, borings, and soil testing has been completed; project is construction-ready and planned for fall 2023.
Street Sweepings Screener (Fridley)	\$50,000	Purchase of trommel screener to replace equipment that is currently rented. Proposal would ease staffing and budgeting constraints (disposal costs) that would allow for additional sweeping at opportune times (leaf drop) in targeted locations, including at least 30 additional lane miles swept per year. If awarded, City intends to purchase a gently used screener for ~120K in spring 2023.
Coon Cr Culvert Replacement Design in CRDRP (Anoka Co)	\$12,500	Seeking cost share for exploring design alternatives to replace the 4-culvert crossing over Coon Creek in Coon Rapids Dam Regional Park with a crossing better suited for aquatic organism passage and less prone to clogging, flooding, and erosion (e.g. box culvert, bridge). This crossing is currently a top-ranking barrier to connectivity, directly impacting aquatic life impairments in Coon and Sand Creeks. Time-sensitive project with culvert replacement planned in 2024.
SUM	\$112,500	

ISSUES/CONCERNS

Scoring results

The District Engineer and Staff determined eligibility and scored all proposals. Funding recommendations are listed below:

Title (Applicant)	Eligible?	Average (median) score out of 30	Water Quality Benefits & Other Notes	Funding Recommendation (requested amount)
Apex Pond Enhancement (Fridley)	Y	25	- Treating runoff from 87 ac untreated residential catchment - Reducing TSS & TP to	\$50,000 (\$50,000)

			Springbrook by 2350 & 11 lbs/yr Reduced maintenance needs	
Street Sweepings Screener (Fridley)	Y	18	- Additional 30+ lane miles swept per year, reducing TP & TSS to Springbrook and Miss River - Secondary benefits include aesthetics and salt recovery	\$29,794 (\$50,000)
Design alternatives for Coon Cr culvert Replacement in CRDRP (Anoka Co)	Y	16	- Potential to eliminate a priority barrier directly impacting aquatic life impairments - Secondary benefits of new culvert would include reduced maintenance frequency and flooding risk and improved safety and recreational potential - This application is for design phase versus construction of project which would rank much more competitively	\$0 (\$12,500)
TOTAL Recommended Awards				\$79,794

Cost Share Demand

The amount of funding requested exceeds the amount of budgeted money available by \$32,706 which results in one project recommended for partial funding (Fridley's proposed screener) and one project not recommended for funding (Anoka Co culvert replacement). The City of Fridley indicated they would likely be able to proceed with the project with a reduced cost share award, but if an agreement cannot be finalized, these funds could then be awarded to the next highest scoring project, the culvert design proposed by Anoka County Parks. Both projects are valuable projects that directly contribute to addressing the District's stream impairments. District staff intends to work with Anoka County Parks staff to evaluate alternative funding sources such as federal 319 grant funding for the implementation of the culvert enhancement project.

IMPLICATIONS

If the \$79,794 in cost share awards recommended by Staff are approved, there would be \$0 in budgeted funds remaining for 2023, closing the cost share program for the year.

PRIOR DECISIONS

1. September 12, 2022: Approval of the 2023 budget including \$79,794 to implement a cost share program to support water quality improvement projects

OPTIONS

1. Award cost-share funds to identified project in accordance with Staff recommendations and reissue RFP.

2. Award cost-share funds to projects in accordance with amended recommendations:
3. Do not award cost-share funds to identified project with explanation and direction for refinement of qualification and/or allocation criteria.

RECOMMENDATION

Award cost-share funds to identified projects in accordance with Staff recommendations.

ACTION/IMPLEMENTATION STEPS

Execute cost share agreements with awarded applicants.

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 13, 2023
AGENDA NUMBER: 12
ITEM: Coon Rapids Walser Hyundai – Parking Lot Expansion

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P23-025 for the Coon Rapids Walser Hyundai – Parking Lot Expansion project.

RECOMMENDATION

To approve Permit Application Number P23-025 Coon Rapids Walser Hyundai – Parking Lot Expansion with 3 conditions and 3 stipulations as stated in the Application Review Report dated 3/9/2023.

ATTACHED

Application Review Report for Permit Application Number P23-025

PERMIT APPLICATION REVIEW REPORT

DATE: 3/9/2023

Applicant/Landowner:

Walser Real Estate, LLC.
Attn: Alex Andrews
7700 France Ave S. Suite 410N
Edina, MN 55435
aandrews@walser.com
952-345-9231

Contact:

Sambatek
Attn: Chad Ayers
12800 Whitewater Dr. Ste. 300
Coon Rapids, MN 55343
cayers@sambatek.com
763-259-6697

Project Name: Coon Rapids Walser Hyundai - Parking Lot Expansion

Project PAN: P-23-025

Project Purpose: construction of new parking lot, storm sewer and underground stormwater treatment system.

Project Location: North side of Gateway Drive NW, West of 2075 Gateway Drive Walser Building., 2075 Gateway Drive NW, Coon Rapids (See Map on page 4)

Site Size: size of parcel - 1.33 acres; size of disturbed area - 1.54 acres; size of existing impervious - 0.078 acres; size of proposed impervious -1.242 acres

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

Recommendation: Approve with 3 Conditions and 3 Stipulations

Conditions to be Met Before Permit Issuance:

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$2,770.00.

Stormwater Management (Rule 3)

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.

Soils and Erosion Control (Rule 4)

3. Provide proof that an application has been submitted to the MPCA for an NPDES Construction Stormwater Permit.

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. Notify the District when construction of Underground Filtration System 4P is beginning. District staff or a District engineer must be on site to witness construction of the underground system.

3. 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
Memorandum	Sambatek	02/10/2023	02/10/2023
Construction Plans	Sambatek	03/02/2023	03/02/2023
Stormwater Report	Sambatek	03/02/2023	03/02/2023

Findings

Description: The proposed project includes construction of a new parking lot and underground stormwater treatment system on the previously mass graded Lot 2 of the Gateway Commerce Center 6th Addition site. The proposed disturbance is 1.54 acres with 1.16 acres of new impervious surface. The site drains to existing regional ponds and then to the adjacent wetland complex.

Fees and Escrows (Rule 2.7): The applicant has submitted a \$3,610.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10), project type of <2 acres (\$3,300.00), and addition to base fee (\$300.00). The applicant will be required to submit a performance escrow in the amount of \$2,770.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre of disturbance (1.54 acres of 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 10000 sf or more of new or fully reconstructed impervious surface.

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

Rate Control: Peak stormwater flow rates at the two points of site discharge (To Regional Basin P1 and To Regional Basin P2) increase from the pre-development condition for the 24-hour precipitation event with a return frequency of 2-, 10-, 100- years as shown in Table 1. These two regional basins were designed during the overall development of the Gateway Commerce Center 4th Addition to provide rate control for runoff from this lot. Also shown in Table 1, peak stormwater flow rates decrease from the pre-development condition for all design storms with the utilization of the regional basins (Total from 1P/2P). The rate control standard is met.

Point of Discharge	2-year (cfs)		10-year (cfs)		25-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Regional Basin 2P	10.13	18.50	15.33	28.78	19.01	37.66	25.33	50.84
Regional Basin 1P	0.73	4.49	1.23	7.09	1.64	9.98	2.39	23.94
Total from 1P/2P	12.44	4.90	20.10	9.31	25.32	12.81	34.48	25.95

Table 1.

Volume Control: The proposed project is new development; therefore, the volume reduction requirement is equal to 1.1 inches over the area of all impervious surface. The amount of proposed impervious required to be treated is 50,714 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 treatment volume (ft ³)	Water Quality Volume Provided (ft ³)
4S	50714	Underground Filtration System 4P	0.5	4649	4704

Table 2.

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
CBMH 101	Standard sump	92
CBMH 511	Contech CDS with sump	87
CBMH 401	Contech CDS with sump	78
CBMH 201	Contech CDS with sump	78
CBMH 301	Contech CDS with sump	86

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.

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
Filtration System 4P	85%

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.

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 includes land disturbing activities of 1 acre or more.

The proposed project drains to Coon Creek. The soils affected by the project are Rifle. Disturbed areas are proposed to be stabilized within 7 days, as required. The proposed erosion and sediment control plan includes rock construction entrance, silt fence, and inlet protection. The erosion control plan meets District Requirements.

Wetlands (Rule 5.0)

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

Floodplain (Rule 6.0)

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

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

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

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

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

Buffers (Rule 8.0)

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

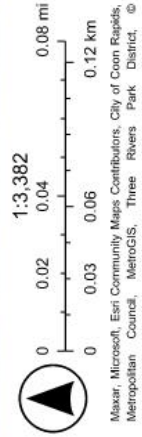
Variances (Rule 10.2)

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

P-23-025



3/8/2023



COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 13, 2023
AGENDA NUMBER: 13
ITEM: Jam Hops Addition

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P23-026 for the Jam Hops Addition project.

RECOMMENDATION

To approve Permit Application Number P23-026 Jam Hops Addition with 3 conditions and 0 stipulations as stated in the Permit Application Review Report dated 3/9/2023.

ATTACHED

Application Review Report for Permit Application Number P23-026

PERMIT APPLICATION REVIEW REPORT
DATE: 3/9/2023Applicant/Landowner:

CBN Enterprises LLC
Attn: Brenda Nolby
1460 133rd Ln NE
Ham Lake, MN 55304
bnolby@jamhops.com
7634130647

Contact:

Stone Construction Inc
Attn: Paul Stone
2181 107th Ln NE
Blaine, MN 55449
paul.s@stoneconstructioninc.com
7637841950

Project Name: Jam Hops Addition

Project PAN: P-23-026

Project Purpose: building addition, sidewalk and parking addition

Project Location: 1460 133rd Ln NE, Ham Lake (See Map on Page 4)

Site Size: size of parcel - 5.13 acres; size of disturbed area - 1.55 acres; size of existing impervious - 0.53 acres; size of impervious – 3.66 acres.

Applicable District Rule(s): Rule 4, Rule 3, Rule 2.7

Recommendation: Approve with 3 Conditions and 0 Stipulations

Conditions to be Met Before Permit Issuance:Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$2,775.00.

Soils and Erosion Control (Rule 4)

2. Provide a note on the erosion and sediment control plan that disturbed soils and stockpiles will be temporarily or permanently stabilized within 24 hours after construction activity in that area has temporarily or permanently ceased.

Soils and Erosion Control (Rule 4)

3. Provide proof that an application has been submitted to the MPCA for an NPDES Construction Stormwater Permit.

Stipulations: None

Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Permit Application	Jam Hops/CBN Ent .LLC	02/08/2023	02/13/2023
Stormwater Management Plan	Plowe Engineering, Inc.	01/31/2023	02/13/2023
Construction Plans	Plowe Engineering, Inc.	01/31/2023	02/10/2023

Findings

Description: The proposed project is a building addition to an existing building, new construction of sidewalk, drive aisles and a parking lot extension. The project proposes to utilize an existing stormwater pond (created under PAN 16-037) that was designed to treat the additional impervious created by this project. The area of land disturbance is 1.55 acres, reconstructed impervious is 1.4 acres and new impervious is 0.53 acres. The site discharges to Carrara West Park Pond.

Fees and Escrows (Rule 2.7): The applicant has submitted a \$4,510.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10), project type of >4 acres (\$4,500.00), and addition to base fee (\$10.00). The applicant will be required to submit a performance escrow in the amount of \$2,775.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre of disturbance (1.55 acres of 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 10000 sf or more of new or fully reconstructed impervious surface.

The Hydrologic Soil Group (HSG) of soils on site are HSG A/D.

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

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
To Carrara West Park Pond	0.79	0.79	0.87	0.87	10.13	10.13

Table 1.

Volume Control: The application proposes redevelopment which does not disturb more than 50% of the site or reconstruct more than 50% of the existing impervious surface, therefore the volume reduction requirement is equal to 1.1 inches over the area of new and fully reconstructed impervious surface. The amount of proposed impervious required to be treated is 48,787 ft².

The applicant is utilizing an existing stormwater management system described below:

Drainage Area	Impervious required to be treated (ft ²)	Proposed SMP	TP Removal Factor	Required treatment volume (ft ³)	Water Quality Volume provided (ft ³)
P1	48787	Wet Pond	0.5	9147	9147*
				TOTAL	TOTAL

Table 2. *This is not the entire volume provided by the wet pond, only the capacity available for the runoff from this proposed project.

Pretreatment was provided as a part of PAN 16-037. The volume reduction requirements are met as shown in Table 2. The volume control standard is met.

Water Quality: The total water quality volume for the project is provided in aggregate through the existing wet pond.

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
To Carrara West Park Pond	84%

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.

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 Carrara West Park Pond. The soils affected by the project include Lino and Zimmerman, which have a soil erodibility factor of 0.15 or greater. Disturbed areas are not proposed to be stabilized within 24 hours, as required. The proposed erosion and sediment control plan includes rock construction entrance, inlet protection, perimeter control, and street sweeping. The erosion control plan does not meet District requirements.

Wetlands (Rule 5.0)

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

Floodplain (Rule 6.0)

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

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

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

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

Buffers (Rule 8.0)

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

Variances (Rule 10.2)

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

P-23-026



3/8/2023

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: March 13, 2023
AGENDA NUMBER: 14
ITEM: 2022 Annual Report

AGENDA: Discussion

ACTION REQUESTED

Receive the report

PURPOSE & SCOPE OF ITEM

This item addresses the Annual report filed each year with the State Board of Water and Soil Resources and the Department of Natural Resources. The report summarizes the financial and program activities associated with pursuing the goals and objectives adopted in the 2013 to 2023 Comprehensive Plan.

BACKGROUND

The Coon Creek Watershed District was established in 1959 under the Minnesota Watershed District Law (Minnesota Statutes 103D). The District is a special purpose unit of government that addresses comprehensive water and related resource management within the 107 square mile District. The District includes the drainage area of Coon Creek as well as several other smaller watersheds that also drain directly to the Mississippi.

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)
3. The Minnesota Wetland Conservation Act (M.S. 103A)
4. The National Pollution Discharge Elimination System (NPDES) Program.

ISSUES/CONCERNS

1. **Objectives** of this report and management review are to:
 - a) Monitor the implementation of the 2013 – 2023 Comprehensive Watershed Management Plan as a whole and of its component projects in relation to changes in the context, operating environment and circumstances of their implementation.
 - b) Provide a method of evaluating District management and operations.
 - c) Validate the goals, priorities and program focus areas in the Comprehensive Watershed Management Plan.
 - d) Evaluate the progress towards long term results and identify barriers to achieving those results.

- e) Identify and adopt new ways to improve capabilities for accomplishing results and remove barriers.
- f) Make adjustments to the management direction to reasonably assure achievement of the District's mission and strategic goals.

2. **Due Date:** Annual Report is due to BWSR by April 30

3. **Report:** The report is in two parts. Part 1 addresses basic organizational information and changes and addresses activities related to the implementation of the comprehensive watershed management plan. Part 2 looks at current economic forecasts for 2024 and 25 relative to those variables that influence or directly affect the District's budget, the water management situation and costs, and the District's capability and capacity to pursue the District's goals and objectives and addresses the problems, issues and concerns.

IMPLICATIONS

- In past we have used the annual report and assessment as the first step in the District's annual budgeting process.

PRIOR DECISIONS

None

OPTIONS

1. Receive Part 1 of the report
2. Approve Part 1 as the annual report and submit to BWSR

CONCLUSIONS

The annual report is a requirement but is also a valuable management tool for assessing organizational direction, priorities, constraints and needed adjustments.

RECOMMENDATION

None

Coon Creek Watershed District 2022 Annual Report

Board of Managers

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Vice-President	Patrick Parker
Treasurer	Mary Campell
Secretary	Dwight McCullough
At Large	Jim Haffner

District Administrator

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Approved by Board of Managers **xx** 2023

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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)
3. The Minnesota Wetland Conservation Act (M.S. 103A)
4. The National Pollution Discharge Elimination System (NPDES) Program.

NOTE: A review and audit of the District's finances is provided in the District's Annual Financial Report and Audit of 2022 performed by the Minnesota State Auditor. The Audit of 2022 has been ordered by the Board of Managers on December 10, 2022.

PURPOSE OF THE REPORT

The 2022 Annual Report objectives of this report and management review are to:

1. Coon Creek Watershed District At-A-Glance
2. Review 2022 Program Activities and Projects and Implementation of the 2013 – 2023 Comprehensive Watershed Management Plan.
3. To Review the Watershed's Operating Environment
4. To review The District's Mission
5. To Assess the Condition and Capabilities of the Watershed and District
6. Review of the Capacity and Capability of the Watershed District
7. Assumptions and Limitations
8. Priority Issues for 2024
9. 2024 Budget Process

COON CREEK WATERSHED DISTRICT AT A GLANCE

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 within the 107 square mile District. The District includes the drainage areas of Coon Creek and five smaller watersheds that also drain directly to the Mississippi river.

District Mission

The District mission is derived from the nine principle directives and 38 mandates and rules from the state and federal governments.

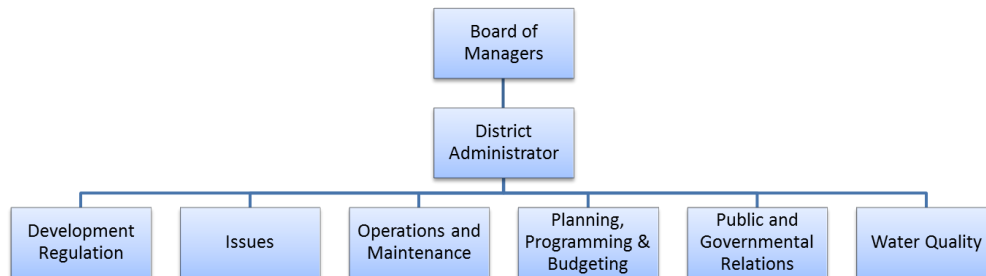
To prevent property damage, maintain hydrologic balance and protect water quality for the safety and enjoyment of the public and sustain the provision of the beneficial uses of water within the watershed.

Intent: To maintain and improve surface and ground water will require public involvement, intergovernmental collaboration, performance-based regulation and the on-going monitoring, maintenance, and operation within the District. In the end the public should experience a safe, enjoyable, and usable water resource, and a fishery and wildlife population adapted to an urban environment.

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 cities, Anoka County and the Anoka Conservation District. At the heart of the District's strategy is to leverage **the natural capabilities and capacities of the landscape, the adaptive and innovative evidence-based practices and the empowerment of professional, citizen based, and collaborative work efforts** that 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.

Coon Creek Watershed District 2021 Organizational Chart



District Goals

The District has adopted five mission goals and three issue goals. Pursuit of these goals is articulated in the District Comprehensive Watershed Management Plan.

1. To prevent property damage from flooding, erosion or degraded water quality
2. To ensure balance between inflow, outflow and storage of water
3. To protect and enhance water quality
4. To provide for multiple beneficial uses including the safety and enjoyment by the watershed's residents
5. To preserve and enhance wildlife
6. To be proactive in aquatic invasive species management through education and projects that improves lake and stream water quality and/or reduces the risk of entry of invasive species.
7. To gather and disseminate weather data and climatic information and provide meteorological expertise in support of water and related resource management decisions and weather-related management activities.
8. To manage groundwater dependent ecosystems under the principles of multiple use and sustainability, while emphasizing protection and improvement of soil, water and vegetation, particularly because of effects upon aquatic and wildlife resources.

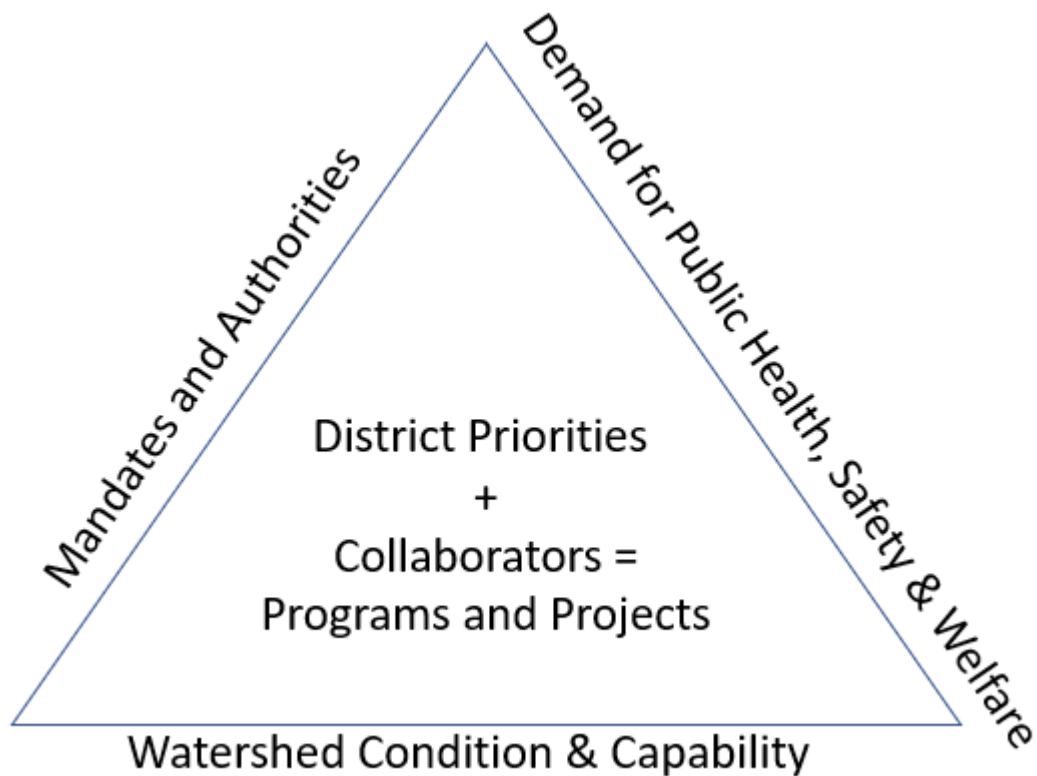
Management Priorities

1. Protect Drinking Water Supplies
2. -Prevent Flooding
-Improve water quality in impaired or impacted waters
-Maintain and enhance water quality in waters that are not impaired.
3. Groundwater Recharge
4. Aquatic Life

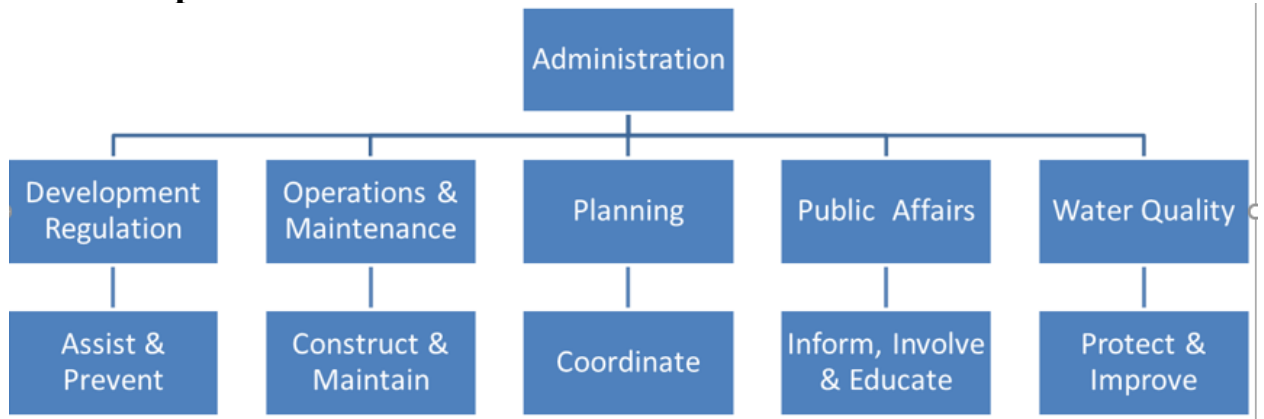
5. Recreation
6. Hunting & Fishing
7. Irrigation
8. Watering: Livestock & Wildlife
9. Aesthetics
10. Industrial Use and Cooling

Strategy and Concept of Operations

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



Lines of Operation and Effort



Financial Report

On September 13, 2021, the Board of Managers unanimously adopted the following budget for 2022. Also shown is the performance of both revenues and expenditures through December 2022.

Revenue Sources	2022 Budget	YTD Budget	YTD Actual	Variance	Pct Var
Property Taxes	3,027,370	3,027,370	2,975,201	(52,169)	-2%
Special Assessments	-	-	-	-	0%
Fees & Charges	641,785	641,785	322,847	(318,938)	-50%
Grants	465,374	465,374	857,508	392,134	84%
Other Revenue	25,926	25,926	56,409	30,483	118%
Fund Balances	77,302	77,302	37,077	(40,225)	-52%
	4,237,757	4,237,757	4,249,042	11,285	0%
Expenditure Sources	2022 Budget	YTD Budget	YTD Actual	Variance	Pct Var
Salaries & Benefits	1,538,808	1,538,808	1,363,511	(175,297)	-11%
Professional Services	933,346	933,346	640,227	(293,119)	-31%
Operating Expenses	208,846	208,846	152,298	(56,548)	-27%
Program Expenses	1,403,755	1,403,755	466,230	(937,525)	-67%
<i>Carryover Expenses</i>	<i>1,307,072</i>	<i>1,307,072</i>	<i>1,254,164</i>	<i>(52,909)</i>	<i>-4%</i>
Capital Equipment	75,700	75,700	66,306	(9,394)	-12%
	4,160,455	4,160,455	2,688,573	(1,471,882)	-35%

Review of 2022 Performance and Effectiveness

Evaluation of the 2013 – 2023 Comprehensive Watershed Management Plan

Where We Are At

In August, 2023 the current Comprehensive Watershed Management Plan for the Coon Creek Watershed District will expire. Upon conclusion of the 2013 – 2023 Comprehensive Plan, the District will have clearly arrived in the “water quality era”. While public drainage and enforcement of the Wetlands Conservation Act remain central themes in management, water quality concerns have taken center stage and dominate discussions, and budgeting.

The District contains 11 impaired waters. Seven of those waters are creeks and ditches impaired for aquatic life and recreation. Three are lakes. Two lakes are impaired for aquatic consumption due to high mercury levels in fish. One Lake, Laddie Lake, is impaired for Aquatic life due to excess chlorides. The final impaired water is the Mississippi River which is the District’s western border and a major receiving water. The Mississippi River is impaired for aquatic consumption due to mercury and PCBs, aquatic recreation due to fecal contamination, and aquatic life due to excess phosphorus.

The stressors contributing to these impairments include suspended solids, phosphorus, poor habitat, altered hydrology, chloride levels, low dissolved oxygen levels and *E. coli*.

The most significant emerging issue is the lowering of water within the vadose zone. This upper most part of the surficial aquifer provides an estimated 100% to 50% of the water to the lakes, streams, and wetlands within the watershed. It is also showing signs of high chloride level and is discharging that pollutant to streams, contributing to impairment of surface water resources.

Added to these natural conditions we are faced with aging infrastructure, labor shortages and limited financial resources. The District is already making efforts to further optimize its management processes and practices. A key approach is to increase integration of its planning, programming, budgeting, and implementation efforts, particularly flood risk management and water quality protection and restoration.

How We Got Here

The District was established in 1959 in response to the promises offered by Federal Law PL-566 and the potential increase in the efficiency and effectiveness of agricultural production. The focus was on money for improved drainage. Those funds were never realized, and the District relied in the assessment process provided through the drainage law to repair the system. The period between 1960 and 1987 was characterized by legal

and political controversy and challenges surrounding the conduct of the District and the equity of its cost apportionments.

In 1987 the District completed its first Comprehensive Watershed Management Plan under the Metropolitan Water Management Act. At that time the District was largely rural, and the landscape was dominated by farms growing shallow rooted crops, and seasonally flood wetlands. The developed areas in the lower portion of the watershed were experiencing flooding. The watershed management focus was on catch up, mitigating and balancing the provision of both established drainage rights up stream and flood control downstream in a financially equitable way.

In 1991 the Wetland Conservation Act placed the District at ground zero of the competition and conflict between drainage, development, and the preservation of wetlands. From 1991 to 2003 (The wetland era) the District was immersed in reviewing, managing and balancing the effects of urban growth in one of the fastest growing areas of the state and nation. The District's response was to:

- Adopt a management strategy based on 'Growth Management' and "Sensitive Lands" land use management.
- Strict adherence to:
 - the law and the principals of established use or right (or first in time)
 - the wetland delineation requirement of Normal Circumstances (not normal conditions) as described and litigated at the Federal Level though Regulatory Guidance Letter 90-07 and the requirement to.
 - Recognition that 98% of all wetlands in the District needed to be evaluated as either problem and/or disturbed (new atypical) conditions under the 1987 Federal Delineation manual.
 - A commitment to advocate solving the development, agriculture, natural resource management problems.
 - Reliance on a finding of facts and an acceptance that the result "is what it is".

In 2003 the District developed its second comprehensive plan anticipating a future focus on water quality. In 2004 the District was recognized as a special Municipal Separate Storm Sewer System (MS4) under the National Pollution Discharge Elimination System (NPDES), ushering in the "Water Quality Era". The District completed a minor amendment to its rules and standards to address "non-degradation" of the District's receiving waters. In 2006, the District also saw its first water quality impairments (Coon, Sand Pleasure and Springbrook Creeks for Aquatic Life) under the Federal and state program.

The "Water Quality Era" has increased program responsibilities 50%, increased required tasks 83% and staffing needs almost 200%. The District has evolved from being an organization primarily responsible for ditch maintenance and wetland preservation, to an organization responsible for drainage, water quality, flood risk management systems, and aquatic wildlife habitat management.

Also, in 2006, the recession struck emphasizing a need for certainty in decision making and control of costs by a constituency that prizes thrift, practicality, and minimum government involvement. The tightened operating environment made investing in long term, less tangible, non-utilitarian benefits, common characteristics of many natural resource concerns, extremely challenging.

At this time the District began to formally transition toward a ‘natural infrastructure’ asset-based management approach. This approach was, founded on a sensitive lands/geologic sensitivity view of the resource which emphasized ecological function, the value as natural infrastructure and the public out of the pocket cost to repair, replace or mitigate the consequences of imbalanced decision making .

This effort remains supported by well- defined legislative requirements and enforcement. The District also began moving to more formal planning, programming, and budgeting approach. In this new management framework, the District focused on the costs and consequences of mismanagement and evolving and connecting the planning, programming, budgeting and implementation systems and activities.

In 2013 the District developed and adopted its third Comprehensive Plan. In 2014, the District began developing an asset management program for all of its activities and continued to adhere to the doctrine adopted in 1991. The asset management approach defined each program and activity the District needed to meet the legislative requirements or through the expectations of citizens.

The approach has provided a clear relationship between the provision of the beneficial uses of the District’s water resources and investments in the prevention and protection people and property from natural catastrophes or expensive unintended consequences provided by the District. This combination of asset management and sensitive lands management allows the District to make more defensible and compelling investments and provides needed transparency for elected and appointed officials and citizens.

How We’ve Done

The 2013 to 2023 Comprehensive plan was approved by the BWSR in August 2013. The District’s Mission was to

To manage groundwater and the surface water drainage system to

Prevent property damage,

Maintain hydrologic balance and

Protect water quality.

for the safety and enjoyment of citizens, and the preservation and enhancement of wildlife habitat.

The District’s goals were distilled from the various legislative mandates as they apply to the watershed. The goals were:

1. To prevent property damage from flooding, erosion, and degraded water quality.
2. To ensure balance between inflow, outflow, and storage of water.
3. To ensure that water is protected from contamination.

4. To provide for a variety of beneficial uses including the safety and enjoyment of the watershed's residents.
5. To preserve and enhance wildlife.

The dominant concerns at the time were:

1. Preventing flooding
2. Improving water quality in impaired or impacted waters.
3. Maintaining and enhancing water quality in waters that are not impaired.

Emerging issues were:

1. Aquatic Invasive Species (AIS)
2. Changes in Precipitation Intensity, duration, and apparent return frequency
3. The decline in surficial Groundwater and the effect on Groundwater dependent resources

Goal 1: Preventing Property Damage

The District has done an excellent job at protecting property damage.

- Enforced erosion and sediment control rules to prevent the loss of top soil and sedimentation restricting recreational use and aquatic life of waters within the watershed
- Regulated the low floor and low entry point to structures to prevent flooding from ground water and flooding.
- Avoided adverse impacts associated with the use and modification of floodplains and with the destruction, loss, or degradation of wetlands.
- Prohibited development within the floodway and new construction in wetlands wherever there is a practicable alternative.
- Continue bank stabilization & repair projects.
- Performed regular surveys to evaluate flood hazards and storm damage occurrences and their hazards and to develop treatment programs where needed.
- Respond quickly and effectively to alleviate the effects of natural disasters and reduce the threat to life, public health, and property.
- Assist in preventing, treating, and controlling aquatic invasive species where they have degraded the water quality of natural water bodies restricting recreational use, aquatic life or enjoyment.
- Identified minor sub-watersheds providing water within the drinking water supply Management Area
- Ensured District participation in State and local early flood warning systems.
- Prepare public service announcements used to caution against strong currents and under tows that may exist in the watershed during times of high water.
- Provided opportunity for early public review of plans or proposals for actions in floodplains.

- Identify critical events and conditions that lead to local flooding and water quality problems.

Goal 2: Ensuring Hydrologic Balance

The District has done a satisfactory job in ensuring hydrologic balance. It has done very well if the increased randomness of precipitation is considered. The following actions and policies support this assessment:

- The update of the hydrologic model using XPSWMM. The model has both the ability to scale, account for reverse flows, and account for varying hydraulic conditions.
- Working with the cities within the District and DNR to update the Floodplain management model to be used by FEMA in the old National Flood Insurance Program and New National Resiliency Program.
- Having DNR recognize the model as the Best Available Science and information on local surface water hydrology.
- Strict administration of the District's Drainage Sensitive Use policy which reduces discharge volume from developed land, reduces peak flows and thereby protects established drainage rights.
- Established and evolved a watershed wide precipitation tracking and reporting system and water content information on snowpack that has improved flood predictions and spring flood preparedness.
- Modified regulatory standards to ensure that the rate, volume, and quality of water entering wetlands matches wetland type and need.
- Worked with USGS to establish a real-time, continuous discharge monitoring station at the outlet of Coon Creek
- Raised a warning flag to DNR, the Northeast Groundwater Management group, and Minnesota geologic survey that the surficial ground water aquifer is at risk, places the lakes, wetlands and other groundwater dependent surface water resources and needs to be evaluated separately from the routine assessments of "groundwater".

Goal 3: Addressing Water Quality

The District has done an excellent job at addressing the water quality problems, issues, and concerns of the watershed.

- Hired a water quality coordinator and specialist competent in Aquatic Invasive Species, Clean Water Act requirements and the continued monitoring, evaluation and response to TMDLs
- Secured \$3,616,729.58 in state and federal grant funds to further water quality restoration objectives.
- Constructed the first and largest Iron Enhanced Sand Filter (IESF) amended with biochar filter media that treats runoff from nearly a square mile catchment. And have since constructed three additional IESF and biochar filters. Continue to

- monitor and report on the treatment success as well as the maintenance needs and costs to operate and maintain this practice. All have significant effect on load reductions and progress towards meeting approved TMDL standards.
- Restored three segments of creek within the watershed where no upstream or downstream conflicts can occur due to flow modification. Techniques involved remeandering, reconnection to the floodplain and flow modification and was conducted in close collaboration and with the support of the DNR, MPCA, BWSR, the Anoka Conservation District and the Cities of Andover and Coon Rapids.
 - Applied for and were accepted into the MPCA's pilot small watersheds program that provides guaranteed federal funding in excess of \$1.2 million dollars for water quality restoration projects over 16 years starting in 2022.
 - Stabilized 28,326 LF of channel (5.36 Mile) of active erosion, reducing sediment and attached phosphorus loads by 2951 Tons TSS/yr and 2507 Lbs TP/yr, respectively.
 - Initiated and were successful in treating and largely eliminating Hybrid Eurasian Watermilfoil from Crooked Lake with the support and assistance of the Crooked Lake Area Association, DNR, and the Cities of Coon Rapids and Andover.
 - Initiated semiannual early detection inspections of all lakes and aquatic habitats likely to support colonization of "at risk" AIS.

Goal 4: Providing Beneficial Uses

The Coon Creek watershed is a "working" watershed, where a host of beneficial uses are in demand and experience high levels of use. The District has done an excellent job, under a performance based multiple use management doctrine to produce and provide opportunities and access to the quantity and quality of water demanded. Actions supporting this assessment include:

- Routine maintenance conducted to accomplish objective while minimizing alterations and facilitating channel equilibrium.
- Monitoring of lake and stream quality
- Completion Watershed Restoration and Protection Strategy (WRAPS) with MPCA
- Completion of a Nine Key Elements Document for Coon and Sand Creeks with MPCA
- Updated Crooked Lake Management Plan
- Developed Ham Lake Management Plan
- Actively worked to address recreation impairments via bacteria source tracking, implementation of pet waste management program, and testing of innovative biochar-amended filtration media

Goal 5: Preserving And Enhancing Wildlife

Wildlife is clearly the legal responsibility of the State and the Federal government. The District has done a good to excellent job in fulfilling its legal responsibilities, given the history, constraints, and restraints under which it operates. Actions supporting this assessment include:

- Early encouraged or required reconnaissance and preapplication meetings that include review of threatened and endangered species and rare plant communities recorded or potentially on the site.
- Coaching on project alternatives and modifications that can avoid or reduce potential impacts.
- Strong encouragement of applicants to contact DNR immediately and coaching on the nature of both their project and the probable and potential resulting impacts to wildlife resources.
- Strict refusal to issue permits involving threatened, endangered species or rare plant communities until a DNR decision or permit can be shown.
- Strict refusal to make decisions or enforce state rules or wishes involving the avoidance, impact, taking or loss of threatened and endangered species or rare natural communities because of philosophical or moral appeals on the part of DNR staff.
- Successful restoration of fishery habitat in three locations and an analysis of barriers to aquatic organism passage to be addressed.
- The successful planning to avoid and protect threatened and endangered species on approximately 50 developments and subdivisions over the past 10 years.
- Implementation of Aquatic Invasive Species prevention and management activities

Goal 6: Aquatic Invasive Species

The District has done an excellent job in preventing, detecting and facilitating the education, inspection, intervention and treatment of aquatic invasive species within the watershed. Significant actions in the past 10 years include:

- Assisted in the formation of the Ham Lake Lake Association and continued operation of the Crooked Lake Area Association.
- Updated and developed lake management plans for Crooked and Ham Lakes in collaboration with their respective lake associations and the Cities of Andover and Coon Rapids in the case of Crooked Lake
- Conducted public information and education program for lake residents and interested parties on AIS and identification of key species
- Launched and administered a volunteer zebra mussel spotter program for early detection of zebra mussels
- Facilitated and coordinated the assessment, grant acquisition and treatment of Crooked and Ham Lakes for hybrid Eurasian Watermilfoil and curlyleaf pondweed.
- Established a rapid response fund to address either new minor colorizations or to supplement cost share for major occurrences.

- Developed and implemented a twice annual inspection program of key habitats.
- Annually review, refresh and brief stakeholders on trends and risks of new AIS species.
- Successfully defended against invasive common reed (*Phragmites australis*) through early detection, herbicide treatments, and post-treatment monitoring; reduced infested area by 98%.
- Successfully eradicated pale yellow iris.

Goal 7: Addressing Changes In Precipitation Patterns

The District has done a good job in adjusting to changes in the effects of higher intensity and shorter duration rainfall events. Key District actions in the past 10 years include:

- Adopted Atlas 14 as the best available information for planning and sizing infrastructure.
- Evolved precipitation monitoring network to better assess the length and intensity of storms.
- Evolved stream level monitoring to enable real-time data viewing through telemetry-enabled devices.
- Expanded local information and communication network to include ongoing implications of impending weather conditions and hydrologic implications for current conditions.
- Established a system that has been key in coordinating and documenting storm damage for grants, adapting and updating select standards and providing the foundation for planning and anticipating issues ranging from flooding to aquatic invasive species monitoring.
- Required staff to remain current on evidence-based research, findings and developments, on best practices in their areas of responsibility.
- Collaborated with cities to consider in frequency and occurrence of precipitation in planning and decision-making involving infrastructure construction, replacement, and rehabilitation.

Goal 8: The Effect of Declining Regional Surficial Groundwater on Groundwater Dependent Resources

The District has been unsuccessful in gaining the attention, interest and assistance required to accurately assess nature, structure and function of this concern. Actions taken in the past 10 years to address this goal have included:

- Development of a detailed conceptual model and water budget of the vadose zone within the district
- Presentation to DNR North-east Ground Water Management Area project managers during scoping to address larger Anoka Sand Plain surficial/unconfined aquifer issues
- Collection of continuous lake and wetland level data at long-term monitoring sites

Lessons Learned

The planning and management approach adopted in 2013 needs updating and continual evolution to enable the District and its collaborators to adapt and succeed through and beyond 2034. The following lessons will be incorporated into the fabric of the 2024-34 Comprehensive Plan:

1. **Water Management involves the continual combination, recombination and evolution of physical, social, and political/economic factors and trends.** These factors combine at multiple scales to influence water resource decision making, even when they originate from the resource itself or the actions of non-government groups.
2. **The physical, social and management factors and trends, are ‘open’ systems,** available to constant inputs creating an operating environment characterized by volatility, uncertainty, complexity, and ambiguity (VUCA). The result is often a profound sense of struggle on the part of local managers.
3. **Short- and long-term water management ‘is characterized by a fog and friction created from the risk and uncertainty in the physical, social and management domains.** The risk and uncertainty is the product and a dynamic combination of human perception, and chance. These two variables tend to distort, cloak, and twist the course of events, regardless of the advances in science, technology, or computing power.
4. **Planning and the planning process is more important than ever.** Not to decide and commit to a rigid schedule of projects and activities, this has proven unrealistic and impractical. Its value is in facilitating and communicating common understanding of problems, and identifying available options and their consequences, and to facilitate unified action.
5. **Management actions need to be practical and relevant to those financially affected.** The reliance on a proactive, multiple use utilitarian management approach that focuses on physical consequences, even if when those consequences will occur is uncertain, is more effective than the traditional defensive based conservation, “just say no” strategy that increasingly dominates the natural resource and environmental debates.
6. **Where you are going is more important than where you are at.** The performance, evolution, and potential of physical, social and management systems is more important than their current condition. But immediate and short-term condition and capacity are important too.

Implications

1. Fulfillment of the responsibilities for drainage, flood prevention, wetland conservation and water quality restoration will be challenging.

2. We cannot predict what kinds of specific water management problems, issues, or concerns, or for what purposes or priorities other land and water management organizations will be engaged in over the next ten years.
3. We can only speculate about potential and probable problems and issues, how they might occur and the costs they may cause to either prevent, mitigate, or recover from their effects.
4. We can, however, state with certainty, that the fundamental foundation and nature of water management within the Coon Creek Watershed will not change in sense that the mix of political and economic aims, pressures, and hesitations will continue to condition water management operations.
5. The likely result will be an operating environment characterized by:
 - Volatility, uncertainty, complexity, and ambiguity (VUCA) in the physical, social and political economic environments in which it operates.
 - Increasing pressure to meet water quality targets, anticipate flood risk, and account for the effects of changes in precipitation.
 - A growing obligation and need to manage aging infrastructure within limited budgets and resources.

The 2024 to 2034 Comprehensive Plan provides an opportunity to further adapt and transform the collective water management organization into one that can adapt and sustainably manage storm water quality and drainage in a transparent and cost-effective manner, that justifies funding requirements and management decisions. It will require the District, and its collaborators to continually evaluate programs to develop and refine its core mission, goals, objectives, levels of service and measures of performance and effectiveness.

