

BOARD MEETING AGENDA

Board Room
Coon Creek Watershed District Offices
Monday, June 26, 2023
5:30 p.m.

Board of Managers:

Matthew Herbst, President; James Hafner, Vice President; Patrick Parker, 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**
 - a. Board Meeting – June 12, 2023**
 - b. Annual District Bus Tour - June 12, 2023**
- 6. Approve Bills**

POLICY ITEMS

- 7. Draft Sunrise x Coon Creek Boundary Petition and Request for Letters of Concurrence**
- 8. Annual District Stormwater Asset Condition Assessment**
 - a. Annual District Stormwater Asset Condition Report**
- 9. Stormwater Pollution Prevention Plan (SWPPP) Public Meeting**
 - a. Annual SWPPP Report**

PERMIT ITEMS

- 10. Chase Bank**
- 11. Mister Car Wash**
- 12. TH 65 Frontage Road**
- 13. Toby's Trails**

DISCUSSION ITEMS

- 14. Preliminary Rough Draft Expenditure Budget**
 - a. Professional Services**
 - b. Operating Costs**

- c. Program Budget
- d. Capital Equipment Budget

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, June 12, 2023, at the Coon Creek Watershed District Office.

1. Call to Order: The meeting was called to order at 12:00 PM

Board Members Present: Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker.

Staff Present: Justine Dauphinais, Erin Edison, Corinne Elfelt, Jenny Gooden, Abbey Lee, Tim Kelly, Abby Shea, and Michelle Ulrich

Staff Present via Zoom: Jon Janke and Julie Peterson

Visitors: Roger Johnson and Nick Phelps

2. Approval of the Agenda: Board Member Parker made a motion to add Permit Review Item 11 – 2023 Athletic Fields Improvement, Permit Item 12 – Chipotle Andover, and Permit Item 13 - H& H Family Permit Reviews to the Consent Agenda. Seconded by Board Member McCullough. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

Board Member Hafner moved to Approve the Amended Agenda. Seconded by Board Member Campbell. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

3. Announcements:

a. Presentation of MAISCR Research Partnership Award by Nick Phelps

Nick Phelps presented Water Quality Coordinator Justine Dauphinais with the MAISRC Research Partnership award. She was commended for her work with phragmites and non-native phragmites.

4. Open Mic/Public Comment: No one was present to address the Board.

CONSENT ITEMS

5. Approval of Minutes of May 22, 2023

6. Administrator's Report

7. Advisory Committee Report

8. Approval of Bills: Claims totaling \$57,483.74 on the following disbursement(s) list will be issued and released upon Board approval.

June 12, 2023		
To	Amount	
A1 Carpet & Floor	2,132.50	
Anoka County	1,000.00	
Centerpoint Energy	138.88	
City of Coon Rapids	11,400.00	Escrow Return
Connexus Energy	207.47	
Emmons Olivier Resources Inc	4,180.00	
ESRI	2,523.00	
Houston Engineering	4,577.50	
Loffler	139.68	
Metro-INET	4,498.00	
Michelle Ulrich PA	4,673.00	
Pember Companies Inc	2,100.00	Escrow Return
Poop 911	914.25	
Respec	10,153.75	
RMB Environmental Lab	1,279.40	
Sunram Construction	2,100.00	Escrow Return
US Bank	4,797.23	
Well Groomed Lawns	630.90	
Xcel Energy	38.18	
	57,483.74	0.00

The following Permit Item was moved to the Consent Agenda by motion:

11. 2023 Athletic Fields Improvement Permit Review: The purpose of this project is the construction of athletic fields and associated stormwater infrastructure located at the Southeast corner of Hanson Boulevard and 111th Avenue NW, Coon Rapids, Minnesota.

Staff recommendation was to Approve with seven Conditions and two Stipulations as follows:

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$7,350.00

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.
3. The CCWD floodplain elevation is mislabeled on the grading plan and floodplain figure. Update elevation to be 852.8.
4. Provide the surface elevation for each of the soil borings in the boring logs.

Soils and Erosion Control (Rule 4)

- 5. 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.

Buffers (Rule 8)

- 6. Provide permanent buffer monumentation at each parcel line, and every 200 ft as needed, on the construction plans.
- 7. Specify perennially rooted seed mix for use as buffer stabilization.

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 underground retention system and the stormwater management practices and associated structures listed in Table 2, including volume, critical elevations, and proof of installation for hydrodynamic separators

If dewatering is required, provide a 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.

12. Chipotle Andover Permit Review:

The purpose of this project is the construction of a new Chipotle restaurant with associated parking, utilities and stormwater features located at 2184 Bunker Lake Boulevard, Andover, Minnesota.

Staff recommendation was to Approve with three Conditions and four Stipulations as follows:

Conditions:

- 1. Receipt of Escrows.
- 2. Rim elevation and north and south invert elevations are inconsistent between the grading plan and the OCS-101 detail. Ensure elevations are consistent for OCS-101 between the grading plan, OCS detail, and HydroCAD model.
- 3. 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.

Stipulations:

- 1. Submittal of as-builts for the following stormwater management practices, including volume, critical elevations, and proof of installation of SAFL Baffles:

Stormwater Treatment Practices	Number
Filtration Basin	1

Underground Filtration System	1
Outlet Control Structure	2
Catch Basin Sump w/ SAFL Baffle	2
Catch Basin Sump	1

2. Completion of post construction infiltration tests on the Filtration Basin 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. Notify the District when construction of the Underground Filtration System is beginning. District staff or District engineer must be on site to witness the construction of the underground system.
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.

13. H&H Permit Review:

The purpose of this project is the construction of a new commercial business shop and office located a Central Avenue NE, Ham Lake, Minnesota,

Staff recommendation was to Approve with six Conditions and two Stipulations as follows:

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$3,300.00

Stormwater Management (Rule 3)

2. Label Wetland 1 and Wetland 2 on the drainage maps.
3. The 12" flared end section outlet invert elevation for Filtration Basin #2 appears to be mislabeled on the grading and utility plan. Update to reflect the correct elevation.
4. Provide complete P8 results, as there appears to be pages missing from the provided data. Also, update P8 model to be consistent with HydroCAD model:
 - a. Update watershed area for DA1 to be consistent with proposed HydroCAD model.
 - b. Update the Particle Class - Filtration Efficiency to align with the MPCA's recommendation for filtration efficiency, found on the MPCA website (25% for Particle Class P10%).
 - c. It is unclear if the proposed underdrain was added to the model. Update the proposed model to include an underdrain pipe outlet.
5. 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)

6. Provide a note on the erosion and sediment control plan 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. Completion of post construction infiltration tests on Filtration Basin #1 and Filtration Basin #2 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.

Board Member Campbell moved to Approve the Consent Agenda Items seconded by Board Member Parker. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

POLICY ITEMS

9. Accounting, Payroll, Human Resources Services Contracts

Administrator Kelly provided the Board members with recommendations for the Accounting, Payroll, and Human Resources Services. He reviewed the timeline of events leading up to the selection process.

Mr. Kelly reported that a total of nine proposals were received, and interviews took place in May and June. He stated that there were two firms that stood out for having the capabilities to perform the needed services. He stated that the services must have the ability to grow and adapt with changing public finances, supply basic accounting and payroll services and have functional software that would meet the day-to-day needs of the District.

Mr. Kelly reported that Abdo and Redpath were the top two choices that could provide most of these functions to the District however, Abdo offers Human Resource services. Mr. Kelly provided a breakdown of the costs for each firm and recommended that the service be awarded to Abdo for Accounting, Payroll and Human Resource services to the District.

Board member Campbell inquired if the cost includes multiple licenses to access the system.

Mr. Kelly stated that there will be multiple licenses available and on various levels for access.

Board member Hafner inquired if the software system will be phased in and will work with the existing County accounting system.

Mr. Kelly stated that the system will work with the current Anoka County system and will be phased in overtime starting in September and will need to be in place by December 31, 2023.

Board member Campbell inquired on the contract terms.

Administrative Services Coordinator Elfelt stated that it is a two-year contract.

Board Member Herbst made a motion to award Accounting, Payroll, and Human Resource Services to Adbo. Seconded by Board Member Parker. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

10. Juneteenth Holiday Personnel Guidance Manual Amendment

Administrator Kelly reported that a bill to establish Juneteenth as a state-recognized holiday was signed into law on February 3, 2023, by Governor Tim Walz. He stated that the holiday is to recognize the date on which slavery was abolished in the United States. He reported that public business cannot be conducted on June 19 in observance of the holiday. (2023 Minn. Laws ch.5, §§1, 2).

Mr. Kelly reported that the new law was set to go into effect on August 1, 2023, however, a provision contained in HF 1830, recently enacted into law, changes the effective date to make the new holiday effective before June 19 of this year, requiring that the day be observed. (2023 Minn. Laws Ch. 62, Art. 2, §115)

Mr. Kelly requested that the Board adopt the change in Holidays, Section 5.13 of the Personnel Guidance Manual, to include June 19, effective June 13, 2023. He reported that staff have been informed of the change in holidays to facilitate work and meeting scheduling. He stated that a change has been noted for an upcoming revision to the Personnel Guidance Manual. In the meantime this amendment and approval of the policy by the Board will serve as Policy until such time as a more complete update of the Personnel Guidance Manual shall be completed and the change is incorporated into the general verbiage of the manual.

Board Member Herbst made a motion to adopt an amended list of Holidays to include Juneteenth (June 19) in Personnel Guidance Manual. Seconded by Board Member Hafner. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

PERMIT ITEMS

14. Lot 4 Block 1 Sanctuary Home Permit Review:

The purpose of this project is the construction of a single-family home located at Lot 4 Block 1 The Sanctuary, 2668 109th Avenue NE, Blaine, MN.

Staff recommendation was to Approve with three Conditions and no 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 \$2,155.00.

Soils and Erosion Control (Rule 4)

2. Update the erosion and sediment control plan to include the following:
 - a. 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.
 - b. Provide details for erosion and sediment control practices.
 - c. A note on the site plan for the repair and maintenance of all temporary and permanent erosion and sediment control practices.
 - d. A note on erosion control plan for cleaning road surfaces where sediment is.

Buffers (Rule 8)

3. Provide permanent buffer monumentation at each parcel line on the construction plans.

Stipulations: None

Board member Hafner inquired if the subdivision was for one home or if multiple homes would be built and if there were any previous approvals for the site.

Watershed Development Coordinator Edison reported that there are two sites and there will be construction on one of the sites. She stated that there were no prior approvals and no plans at this time for the second site.

Board Member Hafner made a motion to approve Permit Application Number P23-047 Lot 4 Block 1 Sanctuary Home. Seconded by Board Member Herbst. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

DISCUSSION ITEMS

15. 2024 Budget: Preliminary Rough Draft Operating Costs

Administrator Kelly provided the Board with the budget report for the Operating Expenses which addresses the costs and services which the District expenses on an ongoing basis.

Board member Campbell inquired on the high increase in the Insurance category.

District Accountant Peterson stated it is due to rate increases and the appraisal of the building, but staff will further review the cost increase.

16. 2024 Budget: Preliminary Rough Draft Program Costs

Administrator Kelly provided the Board with the budget report for the Program budget Expenses which addresses required or needed services provided by specialized companies and firms with which the District contracts.

17. 2024 Budget: Preliminary Rough Draft Capital Costs

Administrator Kelly provided the Board with the budget report for the Capital Equipment Budget which addresses capital equipment (equipment costing more than \$5,000) that is either needed replacement or is being requested by staff.

It was noted that the Board received the Preliminary Rough Draft copies of the Operating Costs, Program Costs and Capital Cost for the 2024 Budget.

INFORMATIONAL ITEMS

18. Sackett Decision: U.S. Supreme Court

An informational article was provided to the Board on the Supreme Court decision regarding jurisdiction under Section 404 of the Clean Water Act.

19. 2023 Board Tour

The itinerary was distributed for the District Board Tour taking place on Monday, June 12, 2023, at 1:00 PM.

20. Legislative Update

An end of Session Legislation Update was included in the Board packet for informational purposes.

21. BWSR June Snapshot

Coon Creek Watershed District was highlighted by the Minnesota Board of Water and Soil Resources (BWSR) for stormwater work.

22. Star Tribune Article: Rewilding Minnehaha

An informational article was provided to the Board regarding Minnehaha Creek.

ADJOURN

Board Member Hafner moved to adjourn at 12:41 p.m. Seconded by Board Member McCullough. Motion carried with five yeas (Board Members Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

President

COON CREEK WATERSHED DISTRICT BOARD TOUR MEETING

The Coon Creek Watershed District held the annual District Tour on Monday, June 12, 2023, at 1:00 PM.

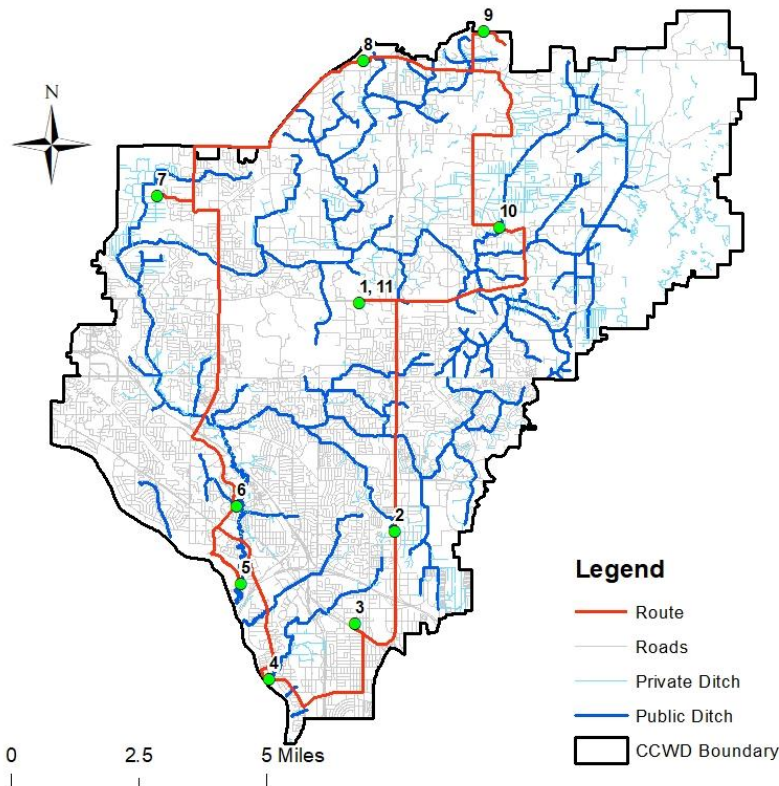
Board Members Present: Mary Campbell, James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker.

Staff Present: Justine Dauphinais, Dawn Doering, Erin Edison, Corinne Elfelt, Jenny Gooden, Jason Hilst, Jon Janke, Tim Kelly, Ed Matthiesen (Stantec), Tyler Thompson, Abby Shea, Michelle Ulrich and Jordan Wochenske (Stantec).

Citizens Advisory Committee Members Present: Barbara Goodboe-Bischoff, Roger Johnson, Paddy Jones, Erin Lind, Bill Kurdziel, Joe MacPherson, Gary Nereson.

Anoka County Commissioner Present: Julie Jeppson.

2023 CCWD Board Tour Travel Route



Sequence	Location	Subject	Arrive	Onsite	Depart	Drive	Method	Staff
1	CCWD Office	Welcome, office dralange, rear parking	1:00 PM	0:10	1:10 PM		Onboard	TK, CE
2	HWY 65	Road project, subwatershed planning				0:16	Drive by	TK
3	Northtown Library	Water Education grants, partnerships, buffers	1:26 PM	0:08	1:34 PM	0:10	Park	DD
4	Apex Pond and Riverview Terrace Flood Mitigation	Water Quality and flood mitigation collaboration	1:44 PM	0:08	1:52 PM	0:15	Park	JD
5	Coon Rapids Dam Regional Park	Creek crossing, creek restoration, collaboration	2:07 PM	0:15	2:22 PM		Deboard	JJ
6	Rural Reserve	Proposed development, subwatershed planning				0:24	Drive by	JD
7	Epiphany Creek Biochar and Iron Sand Filter	New filter, collaboration						TK
8	Crosstown Rolling Acres 3rd	Development, multiple BMPs, creative solutions	2:46 PM	0:08	2:54 PM	0:11	Park	TK
9	SRWMD Boundary	179th area	3:05 PM	0:08	3:13 PM	0:07	Park	EE
10	Ditch 11 Inchannel Vegetation	Ditch maintenance	3:20 PM	0:08	3:28 PM	0:15	Park	TK
11	CCWD Office	Good night	3:43 PM	0:08	3:51 PM	0:09	Park	JJ
			4:00 PM				Deboard	TK

Coon Creek Watershed District Office:



The group viewed the Conference room of the District Office. Administrative Services Coordinator Elfelt expressed the need for more versatile tables and stackable or nesting chairs as the current furniture is not practical for staff meetings, training, or gatherings. It is an item that is budgeted for 2024.

The tour group reviewed the back lot of the Coon Creek Watershed District Office. There is a need to pave the back lot in the next year to provide additional parking, decrease erosion and improve the surface for snow removal. It is proposed that the area in front of the garage receive pavement and it is proposed that the rear area be done with a permeable surface. Due to the proximity of the golf course, netting is needed to protect vehicles from golf balls, similar to the netting on the District Administrator's office window.

Highway 65 Road Project – Subwater Planning (drive-by):

The location contains three ditch crossings and two headwaters. Mr. Kelly expressed the importance of informing the District of future projects.

Northtown Library:



Public and Government Affairs Coordinator Doering explained the buffer garden project that was completed by Westwood Middle School students over the year. She stated that grants applied for by the school have helped with the planting and have provided learning opportunities for the students.

Apex Pond and Riverview Terrace Flood Mitigation:



Water Quality Coordinator Dauphinais explained the purpose of the pond is to reduce flooding of nearby homes and property. The CCWD is collaborating with the City of Fridley and the Anoka Conservation District to modify the pond to additionally capture 18 pounds of phosphorous and 6 tons of sediment per year. Project funding is from a grant and the City of Fridley.

Coon Rapids Dam Regional Park:



Director of Operations Janke reported on several efforts to repair portions of Coon Creek, replace portions of the regional trail, replace a regional trail culvert crossing Coon Creek, and replace a regional trail bridge crossing Coon Creek within the Coon Rapids Dam Regional Park. He reported that the existing infrastructure and creek channel are deteriorated and starting to fail. The CCWD is collaborating with Anoka County Parks to coordinate design, funding, and construction to address flooding, water quality, aquatic organism passage, aquatic habitat, and recreation issues and concerns while minimizing construction and future maintenance costs.

Epiphany Creek Biochar and Iron Sand Filter:



Water Quality Coordinator Dauphinais reported on the newly constructed Epiphany Creek Sand Filter. She stated that a structure was constructed in Epiphany Creek to divert water through the sand filter which has a drain tile that returns the treated water back into the flow of the creek. She stated that 90% of the sediment is removed, iron filings remove Phosphorus, and biochar removes pathogens like e. coli

Rural Reserve:



Administrator Kelly provided the history of the previous and current owners of the land. The City of Andover and property owners would like to develop the land, but the soils, floodplain, and zoning are not favorable. The city worked with the Metropolitan Council to extend the Metropolitan Urban Service Area (MUSA) to the area providing water and sewer services allowing for smaller acreage lots and more lucrative development. The city is working to acquire a developer who would develop the entire area and absorb the taxes and special assessments.

The area is a floodplain and part of Ditch 37. The area will have water quality treatment needs due to Ditch 37 drainage. The area is an old, shallow lake basin which is lower than Round Lake.

Crosstown Rolling Acres 3rd Addition:



This area is within the Ditch 58 drainage area which Coon Creek. The area was challenging to develop resulting in the developer designing 14 infiltration basins to meet the stormwater requirements.

Water Development Coordinator Edison explained that a post construction requirement was for the testing of the infiltration basins. The testing fee for 14 basins was very expensive and she explained that an agreement was made with the developer to test a few representative basins. She stated that the tests showed that the basins showed compaction and they were not operating as designed.

Ms. Edison reported that after the basins were repaired the developer and the District agreed to place markers in the basins and after a rainfall, the volume of retention would be measured and monitored. She noted that Ditch 58 is farmland and there is no drainage in the fields.

SRWMO Boundary:



East Lake Netta Drive illustrates the boundary between the CCWD and SRWMO. Mr. Kelly explained that the City of Ham Lake initiated an amendment to the boundary. CCWD staff have reviewed the boundary and is drafting a boundary amendment petition. The draft petition will be sent to the City of Ham Lake and SRWMO for review before submitting to the Board of Water and Soil Resources (BWSR) for approval. A letter of concurrence will be needed from the City of Ham Lake and Sunrise River WMO in order for BWSR to approve the boundary amendment.

Ditch 11 In channel Vegetation:



Mr. Kelly and Janke reported that Ditch 11 has active agriculture and is impaired. Drainage has been blocked causing significant flooding and crop damage. Maintenance is needed every 10-15 years to remove sediment and every 2-5 years to remove vegetation. He stated that after the clean out occurs, the system will be working properly.

The bus tour adjourned at 4:10 p.m.

President

COON CREEK WATERSHED DISTRICT Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 6
ITEM: Bills to Be Paid

FISCAL IMPACT: Budgeted
POLICY IMPACT: Policy

REQUEST
 Approve bills.

BACKGROUND

Claims totaling \$141,833.38 on the following disbursement list will be issued and released upon Board approval.

June 26, 2023		
To	Amount	
Anoka County	125,782.99	
Anoka County Parks	2,500.00	Escrow Return
Blaine Lock & Safe Inc	155.00	
Centerpoint Energy	31.37	
ECM Publishers	145.20	
Prowire	971.00	
RMB Environmental Labs	1,322.00	
Voigts Bus Companies	656.93	
Westwood Int & Middle School	736.96	
YTS Companies LLC	9,493.75	
Xcel Energy	38.18	
	141,833.38	0.00

delete before upload	Peid	Div	CheckID	RefDt	Ref	Desc	DistAmt	GIKey	GIObj	JlGr	JlKey	JlObj	Units	UnitPrice	Recv Addr Cd	DutyCd	Payment	Fiscal Year
VENDOR	vendor #			invoice date	invoice #	description	DistAmt						unit rate	unit rate	serv address			
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	90,801.81	8699560112	60110				1	90,801.81	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	228.00	8699560112	60260				1	228.00	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	6,643.87	8699560112	60716				1	6,643.87	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	6,690.10	8699560112	60717				1	6,690.10	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	14,396.00	8699560112	60714				1	14,396.00	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	5,779.39	8699560112	60713				1	5,779.39	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	37.08	8699560112	60715				1	37.08	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	663.52	8699560112	60720				1	663.52	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	126.55	8699560112	60721				1	126.55	RH	HOLD	CHK	2023
ANOKA COUNTY MN	129757	CCWD	CC	06/15/2023	CCWD-0523	SALARY/BENEFITS EXP-MAY 2023	416.67	8699560112	63052				1	416.67	RH	HOLD	CHK	2023
ANOKA COUNTY PARKS	129757	CCWD	CC	06/24/2023	PAN 20-076	ESCROW REF-BUNKER BEACH WAVE POOL	2,500.00	8600000041	25412				1	2,500.00	RA	HOLD	CHK	2023
BLAINE LOCK & SAFE INC	130246	CCWD	CC	06/15/2023	29501	COON13632 VESTIBULE LOCK REPAIR	155.00	8699560112	61250				1	155.00	RO	GEN	CHK	2023
CENTERPOINT ENERGY	156202	CCWD	CC	06/19/2023	10982621-0623	ACCT 10982621-4 CCWD	31.37	8699560112	62225				1	31.37	RO	GEN	CHK	2023
ECM PUBLISHERS INC	131595	CCWD	CC	06/16/2023	952563	ADM1321089 SWPPP UNION-HERALD-LIFE	145.20	8699560112	61558				1	145.20	RO	GEN	CHK	2023
PROWIRE	235526	CCWD	CC	06/15/2023	36775	ANNUAL SECURITY MONITORING	276.00	8699560112	61263				1	276.00	RO	GEN	CHK	2023
PROWIRE	235526	CCWD	CC	06/15/2023	36776	ANNUAL FIRE SYSTEM MONITORING	695.00	8699560112	61263				1	695.00	RO	GEN	CHK	2023
RMB ENVIRONMENTAL LAB INC	228886	CCWD	CC	06/07/2023	8008912	W0808912 ROUTINE STREAM MONITORING	1,053.00	8699560512	61549				1	1,053.00	RO	GEN	CHK	2023
RMB ENVIRONMENTAL LAB INC	228886	CCWD	CC	06/19/2023	8009016	W0808916 ROUTINE STREAM MONITORING	269.00	8699560512	61549				1	269.00	RO	GEN	CHK	2023
VOIGTS BUS COMPANIES	137894	CCWD	CC	06/12/2023	28705	PREMIUM T-SERIES BUS FOR ANNUAL TOUR	656.93	8699560612	61549				1	656.93	RO	GEN	CHK	2023
WESTWOOD INT & MIDDLE SCHOOL	133036	CCWD	CC	06/14/2023	EDGRANT 23-01	EDUCATION GRANT 23-01 WESTWOOD MS	736.96	8699560612	61549				1	736.96	RO	GEN	CHK	2023
YTS COMPANIES LLC	224140	CCWD	CC	06/14/2023	30617	22 CO D R&M PAN 22-005 D44 FORESTRY	3,281.25	8699560412	61251				1	3,281.25	RO	GEN	CHK	2023
YTS COMPANIES LLC	224140	CCWD	CC	06/14/2023	30618	22 CO D R&M PAN 22-009 D59 FORESTRY	3,543.75	8699560412	61251				1	3,543.75	RO	GEN	CHK	2023
YTS COMPANIES LLC	224140	CCWD	CC	06/14/2023	30619	22 CO D R&M PAN 22-008 D58 FORESTRY	2,668.75	8699560412	61251				1	2,668.75	RO	GEN	CHK	2023
XCEL ENERGY	138277	CCWD	CC	06/15/2023	832692208	51-001397806-9 6/23	38.18	8699560112	62226				1	38.18	RO	GEN	CHK	2023
							141,833.38							141,833.38				

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 7
ITEM: Sunrise x Coon Creek Boundary Petition – Request for Concurrence

AGENDA: Policy

ACTION REQUESTED

Approve Draft petition to be sent to Sunrise River WMO and the City of Ham Lake and request either a letter of concurrence or identify specific changes that need to be made and why.

PURPOSE & SCOPE OF ITEM

The request for letters of concurrence is the second or four steps required to amend the boundary between the two WMOs so that it is accurate and consistent with the legislative goals cited in MS 103B & 103D.

BACKGROUND

On May 16, 2023 the District received a letter from Ham Lake Mayor Kirkham that was approved by the Ham Lake City Council at their meeting May 15, 2023 requesting the District to review the accuracy of the District boundary with Sunrise WMO within the city of Ham Lake.

COORDINATION

May 25, 2023 District staff met with the following staff representing Sunrise WMO and the City of Ham Lake:

- Jamie Schurbon, Anoka Conservation District, representing Sunrise WMO
- Tom Colling, RFC Engineering, representing City of Ham Lake
- Tim Kelly, Coon Creek Watershed District
- Jon Janke, Coon Creek Watershed District

The purpose of meeting was to:

1. Review situation
2. Review and refine GIS and field data,
3. Agree, in principle, to a working boundary line between Sunrise and Coon Creek WMO

June 26, 2023: Coon Creek WD Board of Managers asked to review and authorize distribution of petition and request letters of concurrence from the City of Ham Lake and Sunrise WMO

FACTS

1. The Coon Creek Watershed District and Sunrise River Watershed Management Organization are within the “metropolitan area” as defined under Minnesota Statutes sections 103B.205 (8) and 473.121 (2) (2015).
2. Both organizations are watershed management organizations as defined under Minnesota Statutes section 103B.205 (13) (2015).

ISSUES/CONCERNS

1. None, so far

IMPLICATIONS

1. Sunrise River WMO
 - a. will increase in size 25.8 acres
 - b. 72 parcels that were in Coon Creek will be transferred to Sunrise WMO
2. Coon Creek WD
 - a. Will decrease in size 25.8 acres
 - b. 52 parcels that were in Sunrise WMO will be transferred to Coon Creek WD

PRIOR DECISIONS

In 2016-17 the District filed a petition to amend the boundary

July, 2017 the BWSR indicated that the petition submitted was insufficient because it was lacking a letter of concurrence from the City of Ham Lake

January, 2018, Telephone call from BWSR staff indicating that the boundary petition was being suspended and the District would need to reapply.

OPTIONS

1. Approve the petition to be distributed to Sunrise WMO & City of Ham Lake with request for letter of concurrence.
2. Table action on the petition pending corrections and/or clarifications.
3. Direct staff to halt work on the petition for a defined reason.

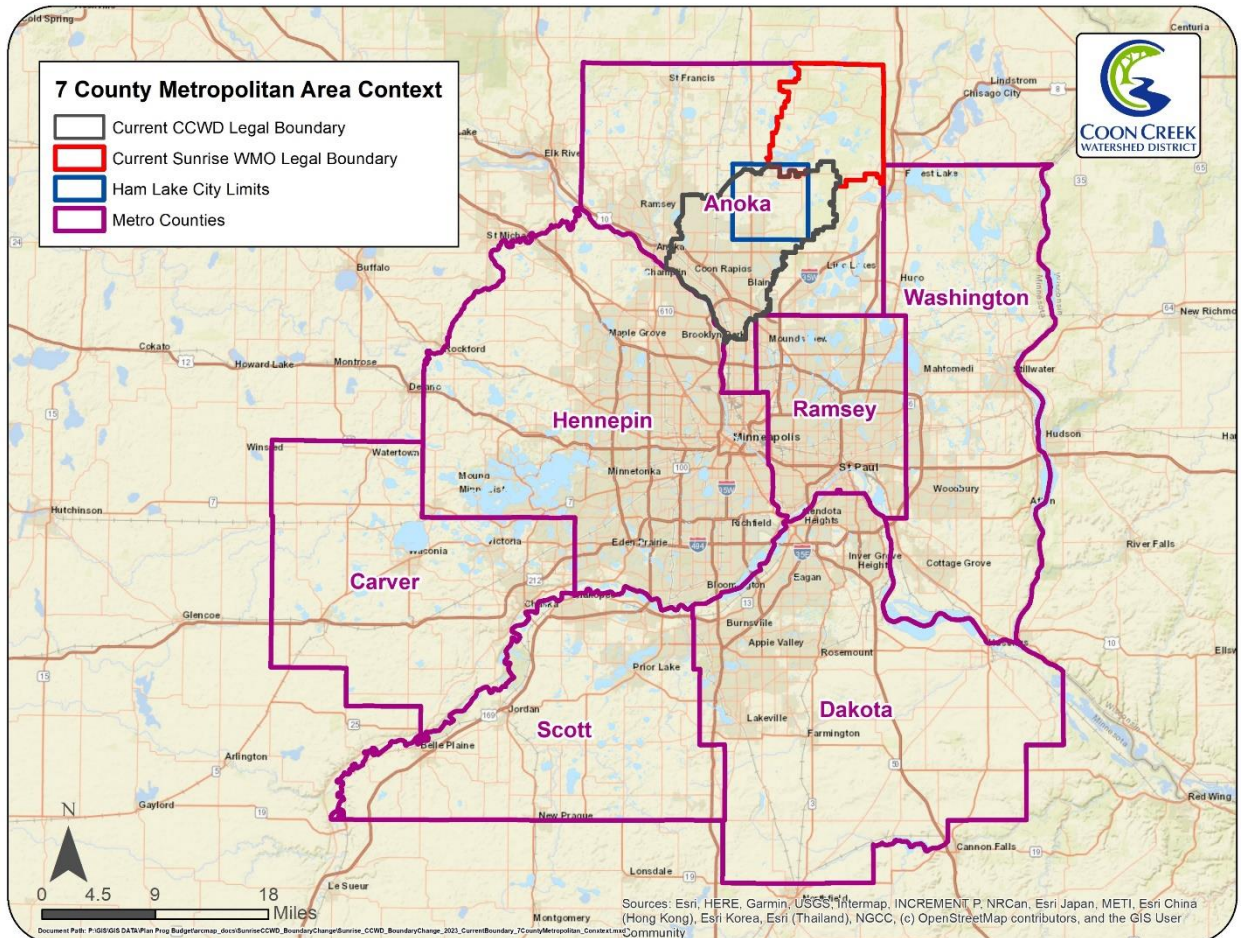
CONCLUSIONS

- The current legal boundary is hydrologically inaccurate and includes properties within the legal boundary who receive few if any services from the the District
- This boundary evaluation and petition for amendment is being pursued at the request of the city of Ham Lake
- The boundary amendment should be pursued

RECOMMENDATION

Approve the petition to be distributed to Sunrise WMO & City of Ham Lake with request for letter of concurrence.

PETITION COON CREEK WATERSHED DISTRICT PETITION FOR AN ORDER CHANGING ITS BOUNDARY BETWEEN THE SUNRISE RIVER WATERSHED MANAGEMENT ORGANIZATION AND THE COON CREEK WATERSHED DISTRICT 2023



PETITION ORGANIZATION

Section	Page
Authorization	3
Situation	4
Goal and Request	11
Analysis	11
Support	15
Coordination and Collaboration	19
Chronology of Boundary Petition Development and Review	19
Review of Natural Resources in Boundary Area	22

Description of the Requested Change in Boundary

Authorization

MS 103B.205 (8)
MS 473.121 (2) (2023).
MS 103B.205 (12 & 13) (2023).
MS 103B.215 (2023)
MS 103D.251 (2023)

References

May 15, 2023. Letter from the City of Ham Lake Mayor Kirkham regarding the request to review the hydrologic boundary of parcels in the City of Ham Lake to determine if the jurisdiction of any properties need to be revised to/from the Coon Creek Watershed District and Sunrise River Water Management Organization that was approved by the Ham Lake City Council at their May 15, 2023, city council meeting.

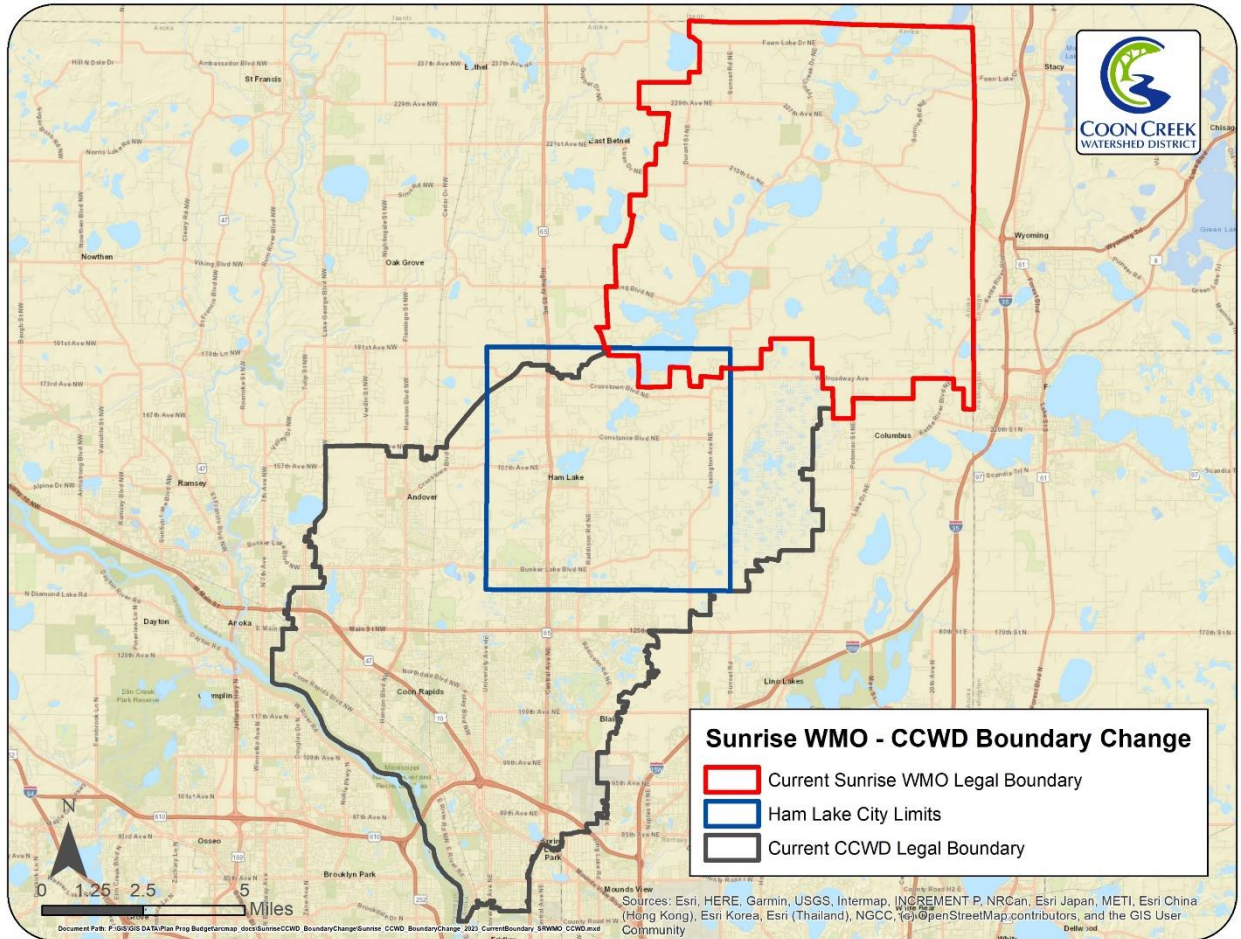
May 22, 2023. Minutes Coon Creek Watershed District Board of Manager receiving letter from the City of Ham Lake and ordering a review of the accuracy of jurisdictional Boundary between the Coon Creek Watershed District and Sunrise River Water Management Organization in the City of Ham Lake.

Time: 2023

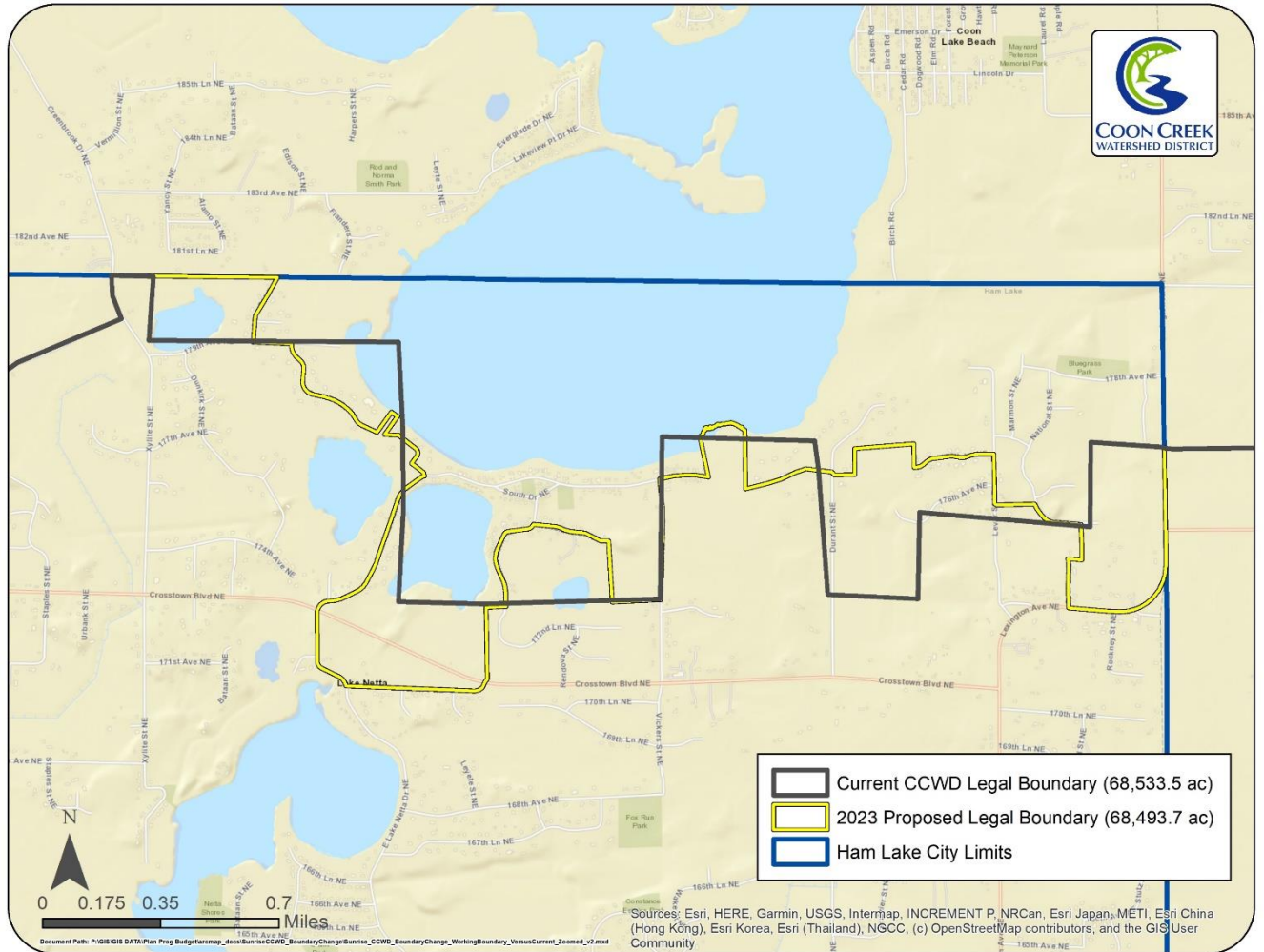
Tak Organization

SITUATION

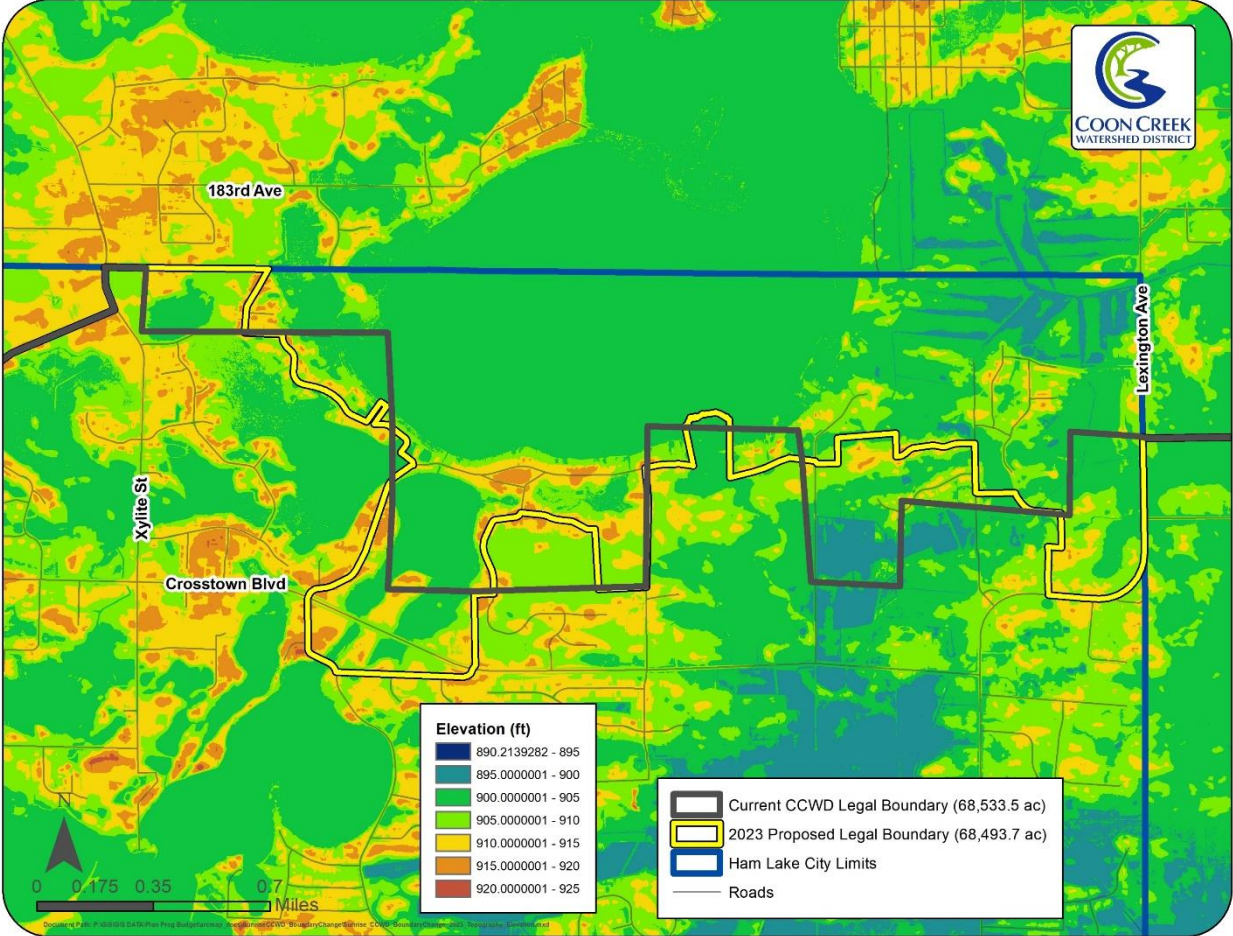
Area of Interest



Area of Operations



Terrain & Topography



Weather/Hydrology

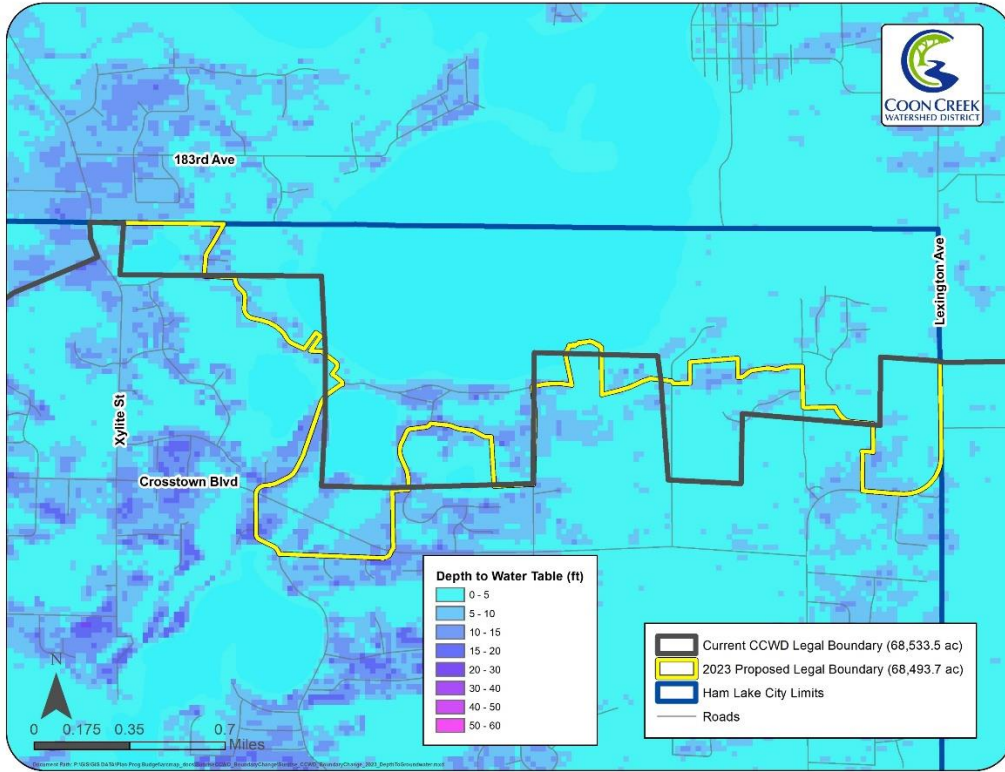
PDS-based precipitation frequency estimates with 90% confidence intervals (in inches)¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.359 (0.278-0.461)	0.422 (0.327-0.543)	0.527 (0.407-0.678)	0.615 (0.473-0.794)	0.737 (0.554-0.974)	0.833 (0.615-1.11)	0.931 (0.670-1.26)	1.03 (0.720-1.42)	1.16 (0.790-1.63)	1.27 (0.843-1.80)
10-min	0.525 (0.407-0.675)	0.618 (0.479-0.795)	0.771 (0.596-0.993)	0.900 (0.693-1.16)	1.08 (0.811-1.43)	1.22 (0.901-1.62)	1.36 (0.982-1.84)	1.51 (1.05-2.08)	1.70 (1.16-2.39)	1.86 (1.24-2.63)
15-min	0.641 (0.497-0.823)	0.754 (0.584-0.969)	0.941 (0.727-1.21)	1.10 (0.845-1.42)	1.32 (0.989-1.74)	1.49 (1.10-1.98)	1.66 (1.20-2.25)	1.84 (1.29-2.54)	2.08 (1.41-2.92)	2.26 (1.51-3.21)
30-min	0.908 (0.704-1.17)	1.07 (0.831-1.38)	1.34 (1.04-1.73)	1.57 (1.21-2.03)	1.88 (1.42-2.49)	2.13 (1.57-2.83)	2.38 (1.71-3.21)	2.63 (1.84-3.62)	2.96 (2.01-4.16)	3.22 (2.14-4.56)
60-min	1.18 (0.913-1.51)	1.39 (1.07-1.78)	1.74 (1.35-2.24)	2.05 (1.58-2.65)	2.51 (1.89-3.33)	2.87 (2.13-3.85)	3.26 (2.35-4.43)	3.66 (2.57-5.07)	4.22 (2.87-5.95)	4.67 (3.11-6.62)
2-hr	1.45 (1.13-1.84)	1.70 (1.33-2.16)	2.14 (1.67-2.73)	2.54 (1.97-3.25)	3.13 (2.39-4.14)	3.62 (2.71-4.82)	4.14 (3.02-5.60)	4.70 (3.32-6.47)	5.48 (3.76-7.69)	6.12 (4.10-8.61)
3-hr	1.60 (1.26-2.03)	1.88 (1.48-2.38)	2.37 (1.86-3.01)	2.83 (2.21-3.60)	3.53 (2.72-4.68)	4.12 (3.11-5.49)	4.76 (3.50-6.44)	5.46 (3.89-7.52)	6.46 (4.46-9.05)	7.28 (4.90-10.2)
6-hr	1.87 (1.48-2.34)	2.18 (1.73-2.74)	2.77 (2.19-3.49)	3.32 (2.62-4.20)	4.19 (3.27-5.53)	4.93 (3.76-6.53)	5.74 (4.26-7.73)	6.64 (4.77-9.09)	7.92 (5.52-11.0)	8.98 (6.09-12.5)
12-hr	2.12 (1.70-2.65)	2.49 (2.00-3.10)	3.17 (2.53-3.95)	3.80 (3.02-4.75)	4.77 (3.75-6.23)	5.60 (4.30-7.34)	6.50 (4.86-8.67)	7.48 (5.42-10.2)	8.90 (6.24-12.3)	10.1 (6.86-13.9)
24-hr	2.44 (1.97-3.01)	2.82 (2.28-3.49)	3.53 (2.84-4.36)	4.19 (3.36-5.19)	5.20 (4.12-6.73)	6.07 (4.70-7.90)	7.02 (5.29-9.28)	8.05 (5.87-10.9)	9.54 (6.74-13.1)	10.8 (7.40-14.8)
2-day	2.86 (2.34-3.50)	3.21 (2.62-3.92)	3.87 (3.15-4.74)	4.51 (3.65-5.54)	5.52 (4.43-7.11)	6.41 (5.02-8.29)	7.40 (5.63-9.73)	8.49 (6.25-11.4)	10.1 (7.19-13.8)	11.4 (7.90-15.6)
3-day	3.16 (2.59-3.84)	3.50 (2.87-4.26)	4.16 (3.40-5.07)	4.80 (3.91-5.87)	5.82 (4.69-7.45)	6.72 (5.29-8.64)	7.71 (5.90-10.1)	8.82 (6.52-11.8)	10.4 (7.46-14.2)	11.8 (8.18-16.0)
4-day	3.38 (2.78-4.09)	3.75 (3.08-4.54)	4.44 (3.65-5.39)	5.10 (4.17-6.22)	6.14 (4.96-7.81)	7.05 (5.56-9.01)	8.04 (6.16-10.5)	9.14 (6.77-12.1)	10.7 (7.69-14.5)	12.0 (8.39-16.3)
7-day	3.90 (3.24-4.68)	4.38 (3.63-5.27)	5.23 (4.32-6.30)	5.98 (4.93-7.24)	7.10 (5.74-8.88)	8.03 (6.35-10.1)	9.02 (6.93-11.6)	10.1 (7.48-13.2)	11.5 (8.31-15.5)	12.7 (8.93-17.2)
10-day	4.38 (3.66-5.24)	4.95 (4.13-5.93)	5.91 (4.92-7.09)	6.74 (5.58-8.11)	7.93 (6.41-9.82)	8.88 (7.04-11.1)	9.87 (7.60-12.6)	10.9 (8.12-14.2)	12.3 (8.88-16.4)	13.4 (9.46-18.1)
20-day	5.96 (5.03-7.07)	6.67 (5.62-7.91)	7.84 (6.58-9.31)	8.80 (7.36-10.5)	10.1 (8.24-12.4)	11.2 (8.91-13.8)	12.2 (9.46-15.4)	13.3 (9.93-17.1)	14.7 (10.6-19.3)	15.7 (11.2-21.0)
30-day	7.37 (6.25-8.69)	8.21 (6.95-9.68)	9.55 (8.06-11.3)	10.6 (8.95-12.6)	12.1 (9.89-14.7)	13.2 (10.6-16.2)	14.3 (11.2-17.9)	15.4 (11.6-19.7)	16.8 (12.3-22.1)	17.9 (12.7-23.8)
45-day	9.21 (7.85-10.8)	10.3 (8.73-12.0)	11.9 (10.1-14.0)	13.2 (11.2-15.6)	14.9 (12.2-17.9)	16.1 (13.0-19.6)	17.3 (13.5-21.5)	18.5 (13.9-23.4)	19.9 (14.5-25.8)	20.8 (14.9-27.6)
60-day	10.8 (9.24-12.6)	12.1 (10.3-14.1)	14.0 (12.0-16.4)	15.5 (13.2-18.3)	17.5 (14.3-20.8)	18.8 (15.2-22.8)	20.1 (15.7-24.8)	21.2 (16.0-26.8)	22.6 (16.5-29.2)	23.5 (16.9-31.1)

¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

Problems, Issues, Concerns Soils



Depth to Groundwater

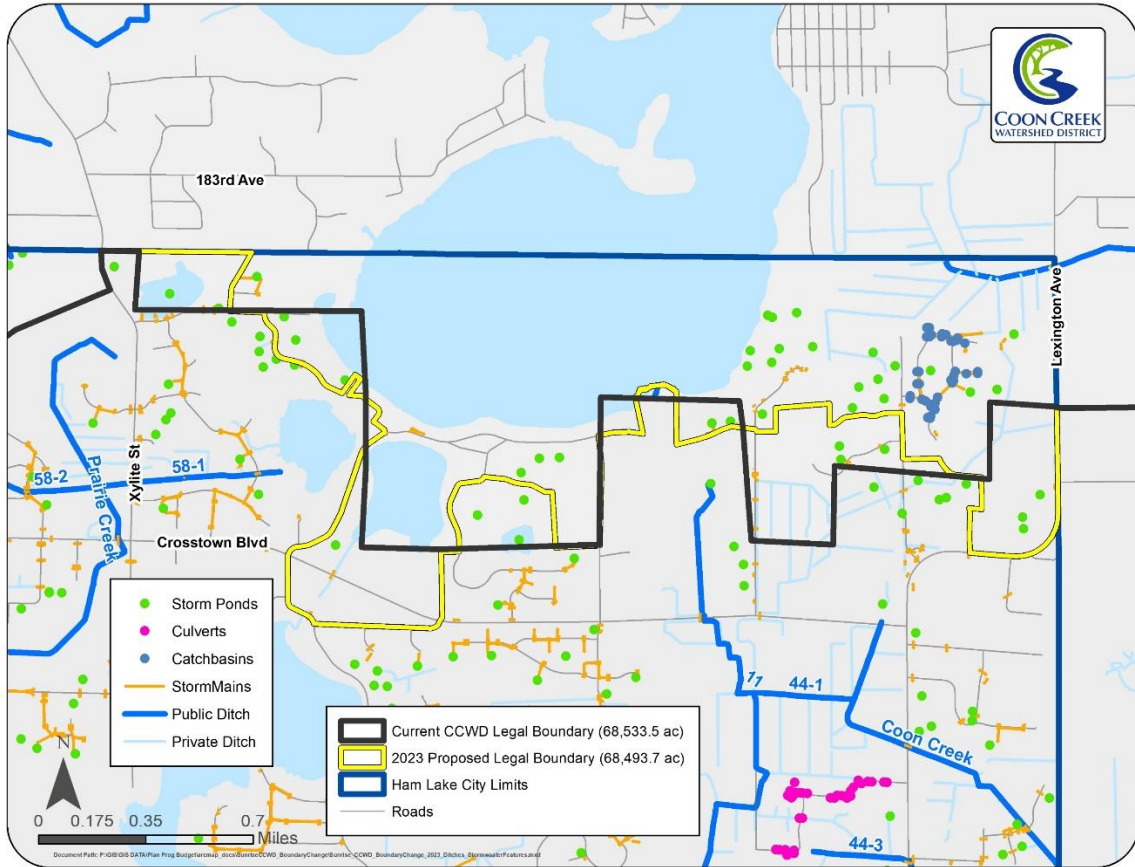


Involved Organizations

Organization	Mission	Intent
<p>Board of Water & Soil Resources</p>	<p>To improve and protect Minnesota's water and soil resources by working in partnership with local organizations and private landowners.</p>	<p><u>Administers'</u></p> <ul style="list-style-type: none"> • Metropolitan Water Management Act <ul style="list-style-type: none"> ○ Boundary amendments
<p>Coon Creek Watershed District</p>	<p>To manage groundwater and surface water resources from the perspective of aquifers, watersheds, and river basins to achieve protection, preservation, enhancement, and restoration of the state's valuable groundwater and surface water resources.</p> <p>To conserve the natural resources of the state by land use planning, flood control, and other conservation projects by using sound scientific principles for the protection of the public health and welfare and the provident use of the natural resources</p>	<p>The purposes of the water management programs required by sections 103B.205 to 103B.255 are to:</p> <ol style="list-style-type: none"> (1) protect, preserve, and use natural surface water and groundwater storage and retention systems; (2) minimize public capital expenditures needed to correct flooding and water quality problems; (3) identify and plan for means to effectively protect and improve surface water and groundwater

<p>Sunrise River Water Management Organization</p>	<p>To manage groundwater and surface water resources from the perspective of aquifers, watersheds, and river basins to achieve protection, preservation, enhancement, and restoration of the state's valuable groundwater and surface water resources.</p>	<p>quality;</p> <p>(4) establish more uniform local policies and official controls for surface water and groundwater management;</p> <p>(5) prevent erosion of soil into surface water systems;</p> <p>(6) promote groundwater recharge;</p> <p>(7) protect and enhance fish and wildlife habitat and water recreational facilities; and</p> <p>(8) secure the other benefits associated with the proper management of surface water and groundwater.</p>
<p>City of Ham Lake</p>	<p>To serve as administrative, commercial, religious, and cultural hubs for their surrounding areas, provide essential public services and protect and provide for the public health, safety and welfare.</p>	<ul style="list-style-type: none"> • Flood prevention through storm water management • Provide drinking water where demanded. • Provide for sewage disposal. <p>Address non-point source pollution as a Municipal Separate Storm Sewer System</p>

Civil Considerations
Stormwater facilities



GOAL

The Board of Water and Soil Resources is being requested to approve a change to the Boundary between the Sunrise River Watershed Management Organization and the Coon Creek Watershed District in Sections 1, 2, 3, 4 and 10 of the City of Ham Lake, Anoka County, Minnesota.

IMPLEMENTATION

Intent

The boundary amendment is intended to achieve a more accurate alignment between the hydrologic and legal boundaries of the two WMOs and to facilitate management and administration.

To achieve this the District will

- Petition the Board of Water and Soil resources for an order changing the boundaries of the two watershed management organizations.
- Develop a petition that describes the area of the boundary change.
- Document that the proposed change is consistent with the purposes and requirements of the Metropolitan Water Management Act
- Identify the properties subject to drainage by a system established under the Minnesota's Drainage Law
- Gain concurrence that the proposed boundary change is correct and accurate.

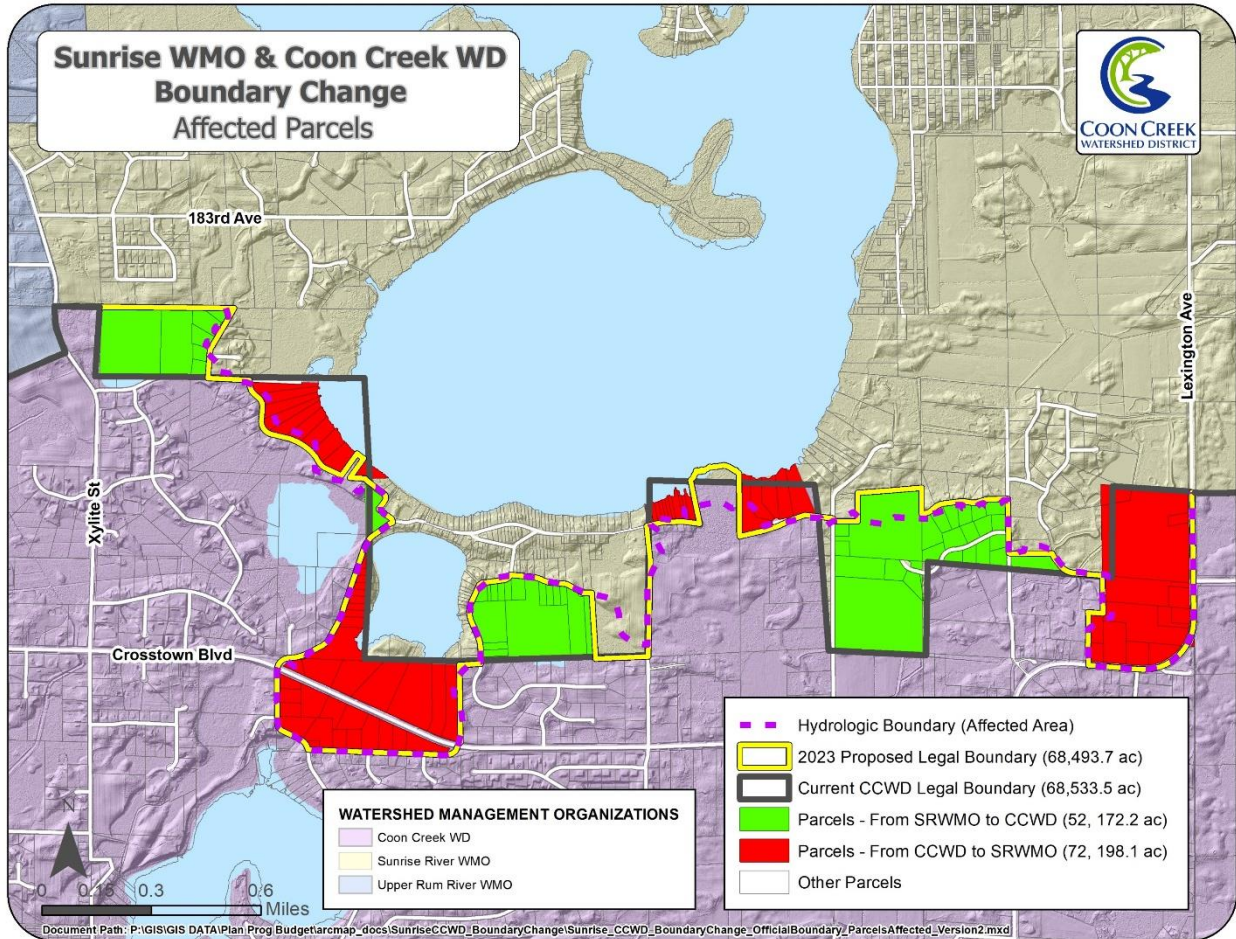
In the end the boundary should be the most practical legal representation by affected parcels of the hydrologic boundary

Approach

To develop the petition the District will follow the following five step process:

1. Review the height of land and hydraulic gradients to determine flow direction.
2. Evaluate the boundary relative to the management of public drainage, stormwater, water quality and wetlands.
3. Field verify the above information
4. Convene technical representatives of the affected units of government to review the analysis of steps 1, 2, and 3.
5. Allocate and reallocate property parcels based.
 - a. Direction of flow for the majority ($\geq 51\%$) of each parcel.
 - b. Review parcels for extenuating circumstances such as frontage on Coon Lake.
 - c. Identify affected parcels by Property Identification Number (PIN)
6. Draft petition and distribute for review and comment or concurrence.

Structure of New Boundary



Coordinating Instructions

Sunrise River Water Management Organization and the City of Ham Lake are requested to

6. Review the boundary and either:
 - a. Submit a letter stating that they concur with the boundary change as proposed
 - OR
 - b. Specifically identify the error in the boundary based on the criteria in MS 103B.215 and indicate the correction to be made.

Affected Parcels: From Coon Creek Watershed District to Sunrise River Water Management Organization

Currently in Coon Creek and Moving to Sunrise. 72 parcels comprising 198.1 acres.

PIN	LOC_ADDR	LOC_STATE	LOC_ZIP	ACT_CITY	ACRES	Boundary Change
33223130005	17855 OAKLAND DR NE	MN	55304	HAM LAKE	2.18	Move to Sunrise
23223410019	4121 INTERLACHEN DR NE	MN	55304	HAM LAKE	3.92	Move to Sunrise
13223430005	17330 OPAL ST NE	MN	55304	HAM LAKE	1.99	Move to Sunrise
23223410018	4109 INTERLACHEN DR NE	MN	55304	HAM LAKE	2.90	Move to Sunrise
33223130007	17817 OAKLAND DR NE	MN	55304	HAM LAKE	2.41	Move to Sunrise
33223130010	17759 OAKLAND DR NE	MN	55304	HAM LAKE	2.37	Move to Sunrise
33223130013	17723 OAKLAND DR NE	MN	55304	HAM LAKE	2.67	Move to Sunrise
103223120006	17143 EAST LAKE NETTA DR NE	MN	55304	HAM LAKE	2.47	Move to Sunrise
103223120007	3109 171ST AVE NE	MN	55304	HAM LAKE	3.04	Move to Sunrise
23223420022	3823 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.40	Move to Sunrise
23223420009	3847 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.92	Move to Sunrise
23223420011	3863 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.41	Move to Sunrise
23223420023	3815 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.47	Move to Sunrise
23223420010	3859 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.45	Move to Sunrise
23223420007	3837 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.39	Move to Sunrise
33223130012	17739 OAKLAND DR NE	MN	55304	HAM LAKE	2.35	Move to Sunrise
33223130011	17751 OAKLAND DR NE	MN	55304	HAM LAKE	2.33	Move to Sunrise
33223130006	17837 OAKLAND DR NE	MN	55304	HAM LAKE	2.44	Move to Sunrise
33223130008	17809 OAKLAND DR NE	MN	55304	HAM LAKE	2.49	Move to Sunrise
23223410017	4055 INTERLACHEN DR NE	MN	55304	HAM LAKE	2.61	Move to Sunrise
33223130009	17763 OAKLAND DR NE	MN	55304	HAM LAKE	2.54	Move to Sunrise
13223430004	4745 LEXINGTON AVE NE	MN	55304	HAM LAKE	1.23	Move to Sunrise
23223410016	4033 INTERLACHEN DR NE	MN	55304	HAM LAKE	2.55	Move to Sunrise
13223410007		MN	55304	HAM	1.00	Move to

PIN	LOC_ADDR	LOC_STATE	LOC_ZIP	ACT_CITY	ACRES	Boundary Change
				LAKE		Sunrise
103223120004	17111 EAST LAKE NETTA DR NE	MN	55304	HAM LAKE	0.36	Move to Sunrise
23223420008		MN	55304	HAM LAKE	0.42	Move to Sunrise
23223420004	3833 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.36	Move to Sunrise
23223420006	3827 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.34	Move to Sunrise
23223420012	3873 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.92	Move to Sunrise
23223420026	3805 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.50	Move to Sunrise
23223410023	4015 INTERLACHEN DR NE	MN	55304	HAM LAKE	4.74	Move to Sunrise
33223430023		MN	55304	HAM LAKE	0.44	Move to Sunrise
33223420005	17521 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.32	Move to Sunrise
33223430014		MN	55304	HAM LAKE	0.25	Move to Sunrise
33223430022		MN	55304	HAM LAKE	0.37	Move to Sunrise
33223430024	17431 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.49	Move to Sunrise
33223430016	17309 INTERLACHEN DR NE	MN	55304	HAM LAKE	5.70	Move to Sunrise
33223430003	17351 INTERLACHEN DR NE	MN	55304	HAM LAKE	1.24	Move to Sunrise
33223430013	17365 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.76	Move to Sunrise
33223430011	17409 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.68	Move to Sunrise
33223430012	17419 INTERLACHEN DR NE	MN	55304	HAM LAKE	0.62	Move to Sunrise
33223140001	17679 OAKLAND DR NE	MN	55304	HAM LAKE	1.84	Move to Sunrise
13223410004		MN	55304	HAM LAKE	2.41	Move to Sunrise
13223410006		MN	55304	HAM LAKE	34.52	Move to Sunrise
13223410005		MN	55304	HAM LAKE	0.06	Move to Sunrise
13223440004	17450 LEXINGTON AVE NE	MN	55304	HAM LAKE	8.68	Move to Sunrise
13223440005	17440 LEXINGTON AVE NE	MN	55304	HAM LAKE	2.08	Move to Sunrise
13223440002	4825 LEXINGTON AVE NE	MN	55304	HAM LAKE	4.53	Move to Sunrise
13223440006	17416 LEXINGTON AVE NE	MN	55304	HAM LAKE	1.35	Move to Sunrise
13223440009	4909 LEXINGTON AVE	MN	55304	HAM	2.25	Move to

PIN	LOC_ADDR	LOC_STATE	LOC_ZIP	ACT_CITY	ACRES	Boundary Change
	NE			LAKE		Sunrise
13223440010	4853 LEXINGTON AVE NE	MN	55304	HAM LAKE	2.51	Move to Sunrise
13223440007		MN	55304	HAM LAKE	1.65	Move to Sunrise
13223440001	17340 LEXINGTON AVE NE	MN	55304	HAM LAKE	10.38	Move to Sunrise
103223110004	3319 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	10.31	Move to Sunrise
103223110010		MN	55304	HAM LAKE	2.41	Move to Sunrise
103223120013	17229 EAST LAKE NETTA DR NE	MN	55304	HAM LAKE	1.44	Move to Sunrise
103223110005	3349 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	4.76	Move to Sunrise
103223110006	3369 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	5.32	Move to Sunrise
103223120009		MN	55304	HAM LAKE	0.91	Move to Sunrise
103223120010	17301 INTERLACHEN DR NE	MN	55304	HAM LAKE	3.75	Move to Sunrise
103223120011	3129 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	5.16	Move to Sunrise
103223110003		MN	55304	HAM LAKE	7.34	Move to Sunrise
103223120016	3130 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	2.28	Move to Sunrise
103223120019	3147 171ST AVE NE	MN	55304	HAM LAKE	1.41	Move to Sunrise
103223120015	3090 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	3.22	Move to Sunrise
103223120017	3150 CROSSTOWN BLVD NE	MN	55304	HAM LAKE	2.53	Move to Sunrise
103223120012	17239 EAST LAKE NETTA DR NE	MN	55304	HAM LAKE	1.14	Move to Sunrise
103223120014	17189 EAST LAKE NETTA DR NE	MN	55304	HAM LAKE	1.44	Move to Sunrise
103223120018	3127 171ST AVE NE	MN	55304	HAM LAKE	1.30	Move to Sunrise
103223110009	3235 171ST AVE NE	MN	55304	HAM LAKE	1.52	Move to Sunrise
103223110007	3215 171ST AVE NE	MN	55304	HAM LAKE	2.64	Move to Sunrise
103223110008	3225 171ST AVE NE	MN	55304	HAM LAKE	1.90	Move to Sunrise

Affected Parcels: From Sunrise River Water Management Organization to Coon Creek Watershed District

Currently in Sunrise moving to Coon Creek. 52 parcels comprising 172.2 acres.

PIN	LOC_ADDR	LOC_ZIP	ACT_CITY	ACRES	Boundary Change
33223210004	17934 CORAL SEA ST NE	55304	HAM LAKE	1.03	Move to Coon Creek
13223310007	4408 176TH LN NE	55304	HAM LAKE	2.54	Move to Coon Creek
13223330007		55304	HAM LAKE	29.04	Move to Coon Creek
13223310015	4505 176TH AVE NE	55304	HAM LAKE	1.22	Move to Coon Creek
13223310022	17508 LEVER ST NE	55304	HAM LAKE	1.40	Move to Coon Creek
13223320018		55304	HAM LAKE	22.95	Move to Coon Creek
33223210005	17958 CORAL SEA ST NE	55304	HAM LAKE	1.63	Move to Coon Creek
13223310008	4420 176TH LN NE	55304	HAM LAKE	1.50	Move to Coon Creek
33223210003	17918 CORAL SEA ST NE	55304	HAM LAKE	1.05	Move to Coon Creek
13223320016	17521 DURANT ST NE	55304	HAM LAKE	1.01	Move to Coon Creek
13223310016	4453 176TH AVE NE	55304	HAM LAKE	1.81	Move to Coon Creek
13223310020	4520 176TH AVE NE	55304	HAM LAKE	1.66	Move to Coon Creek
13223310010	4458 176TH LN NE	55304	HAM LAKE	1.31	Move to Coon Creek
33223210007	18021 CORAL SEA ST NE	55304	HAM LAKE	1.28	Move to Coon Creek
13223310017	4421 176TH AVE NE	55304	HAM LAKE	1.47	Move to Coon Creek
13223310012	4546 176TH LN NE	55304	HAM LAKE	1.29	Move to Coon Creek
33223220003		55304	HAM LAKE	19.58	Move to Coon Creek
23223330052	17453 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.61	Move to Coon Creek
23223330049	3550 WOODLAND DR NE	55304	HAM LAKE	19.04	Move to Coon Creek
23223340010	3620 WOODLAND DR NE	55304	HAM LAKE	0.63	Move to Coon Creek
23223330015	17333 HIAWATHA BEACH DR NE	55304	HAM LAKE	6.13	Move to Coon Creek
23223330013	17443 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.29	Move to Coon Creek
23223330046	17307 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.85	Move to Coon Creek
23223330039	17329 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.84	Move to Coon Creek
23223330047	17327 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.84	Move to Coon Creek
23223330014	17441 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.78	Move to Coon Creek
33223410017		55304	HAM LAKE	3.45	Move to Coon Creek
13223310013	4545 176TH AVE NE	55304	HAM LAKE	1.09	Move to Coon Creek
13223310014	4529 176TH AVE NE	55304	HAM LAKE	1.29	Move to Coon Creek
13223320017		55304	HAM LAKE	1.00	Move to Coon Creek
33223210006	18012 CORAL SEA ST NE	55304	HAM LAKE	2.44	Move to Coon Creek
33223220004	2759 179TH AVE NE	55304	HAM LAKE	10.20	Move to Coon Creek
13223310019	4502 176TH AVE NE	55304	HAM LAKE	1.14	Move to Coon Creek

PIN	LOC_ADDR	LOC_ZIP	ACT_CITY	ACRES	Boundary Change
13223310018	4440 176TH AVE NE	55304	HAM LAKE	1.00	Move to Coon Creek
13223310009	4442 176TH LN NE	55304	HAM LAKE	1.29	Move to Coon Creek
13223420005	17503 LEVER ST NE	55304	HAM LAKE	3.67	Move to Coon Creek
23223330043	17457 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.66	Move to Coon Creek
23223340019	3636 WOODLAND DR NE	55304	HAM LAKE	2.57	Move to Coon Creek
23223330051	17447 HIAWATHA BEACH DR NE	55304	HAM LAKE	0.59	Move to Coon Creek
23223330040		55304	HAM LAKE	0.70	Move to Coon Creek
23223330008	3508 WOODLAND DR NE	55304	HAM LAKE	1.47	Move to Coon Creek
23223330004		55304	HAM LAKE	0.79	Move to Coon Creek
13223310021	4544 176TH AVE NE	55304	HAM LAKE	1.11	Move to Coon Creek
13223310011	4516 176TH LN NE	55304	HAM LAKE	1.01	Move to Coon Creek
23223340017	3608 WOODLAND DR NE	55304	HAM LAKE	0.66	Move to Coon Creek
23223340022		55304	HAM LAKE	5.40	Move to Coon Creek
13223330006		55304	HAM LAKE	0.43	Move to Coon Creek
13223330005	17457 DURANT ST NE	55304	HAM LAKE	4.93	Move to Coon Creek
13223330003	4356 176TH AVE NE	55304	HAM LAKE	1.54	Move to Coon Creek
13223330004	4326 176TH AVE NE	55304	HAM LAKE	1.89	Move to Coon Creek
13223330002		55304	HAM LAKE	0.10	Move to Coon Creek
13223340005		55304	HAM LAKE	0.02	Move to Coon Creek

COORDINATION & COLLABORATION

May 15, 2023. Letter from the City of Ham Lake Mayor Kirkham regarding the request to review the hydrologic boundary of parcels in the City of Ham Lake to determine if the jurisdiction of any proprietries need to be revised to/from the Coon Creek Watershed District and Sunrise River Water Management Organization that was approved by the Ham Lake City Council at their May 15, 2023, city council meeting.

May 16-24, 2023. Reviewed the height of land and hydraulic gradients to determine flow direction. Evaluated the boundary relative to the management of public drainage, stormwater, water quality and wetlands. Field verified the above information.

May 25, 2023. Convened technical representatives of the affected units of government to review the analysis of steps 1, 2, and 3. Coordination and boundary review meeting with:

- Jamie Schurbon, Anoka Conservation District, representing Sunrise River WMO
- Tom Colling, RFC Engineering, representing City of Ham Lake
- Tim Kelly, representing Coon Creek Watershed District
- Jon Janke, representing Coon Creek Watershed District

Purpose of meeting
 4. Review situation

5. Review and refine GIS and field data,
6. Agree, in principle, to a working boundary line between Sunrise River Water Management Organization and Coon Creek Watershed District

June 26, 2023: Coon Creek Watershed District Board of Managers asked to review and authorize distribution of petition and request letters of concurrence from the City of Ham Lake and Sunrise River Water Management Organization.

Attachments

1. May 15, 2023. Letter from the City of Ham Lake Mayor Kirkham regarding the request to review the hydrologic boundary of parcels in the City of Ham Lake to determine if the jurisdiction of any proprieties need to be revised to/from the Coon Creek Watershed District and Sunrise River Water Management Organization that was approved by the Ham Lake City Council at their May 15, 2023, city council meeting.
2. Letter from the Coon Creek Watershed District to the Sunrise River Water Management Organization and the City of Ham Lake requesting correction or concurrence.



CITY OF HAM LAKE

15544 Central Avenue NE
Ham Lake, Minnesota 55304
(763) 434-9555
Fax: (763) 434-9599

May 15, 2023

Tim Kelly, Administrator
Coon Creek Watershed District
13632 Van Buren Street
Ham Lake, Minnesota 55304

Candice Kantor, Chair
Sunrise River Watershed Management Organization
5660 South Linwood Lake Drive
Wyoming, Minnesota 55092

Dear Mr. Kelly and Ms. Kantor:

The City of Ham Lake is requesting that the Coon Creek Watershed District (CCWD) and Sunrise River Watershed Management Organization (SRWMO) review the hydrologic boundary of parcels in the City of Ham Lake to determine if the jurisdiction of any properties need to be revised to/from the CCWD and SRWMO. The review is being requested to achieve an accurate alignment between the hydrologic and legal boundaries between the CCWD and SRWMO, per the Minnesota Statutes 103B.205 definition of a watershed.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Kirkham". The signature is stylized and cursive, written over a horizontal line.

Brian Kirkham
Mayor

cc: Jamie Schurbon, Anoka Conservation District
cc: Tom Collins, City Engineer
cc: Ham Lake City Council

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

MEETING DATE: June 26, 2022
AGENDA NUMBER: 8
ITEM: Water Management Asset Condition Assessment

POLICY IMPACT: Policy
FISCAL IMPACT: Budgeted

REQUEST

Receive inspection report

BACKGROUND

District-owned-and-maintained water control structures are inspected annually as part of the District’s O&M program and the District insurance and NPDES requirements.

The average age of the structures is 31 years. Facility life is estimated to be 50 years based on the life expectancy of concrete.

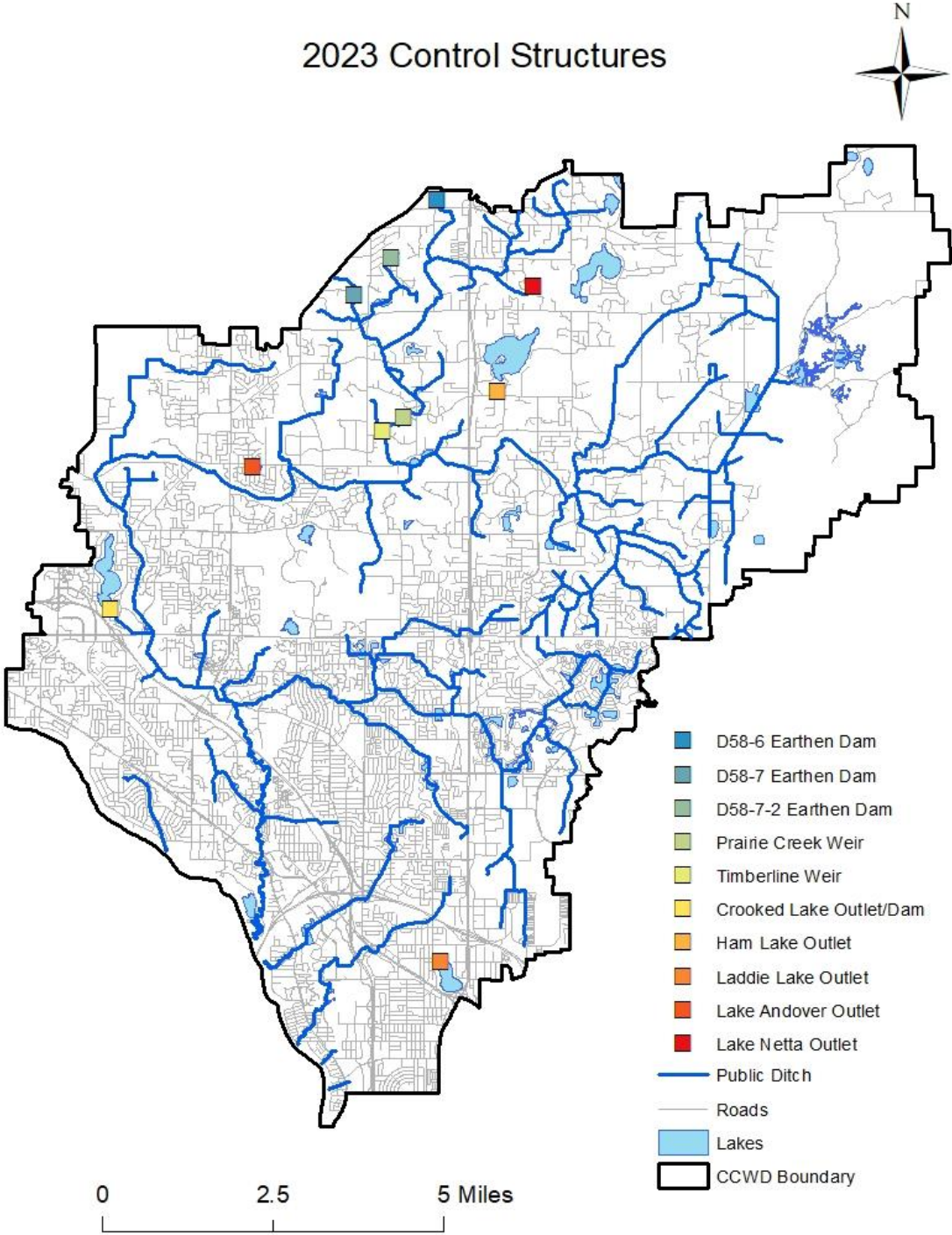
ISSUES/CONCERNS

The 2023 inspection found the following:

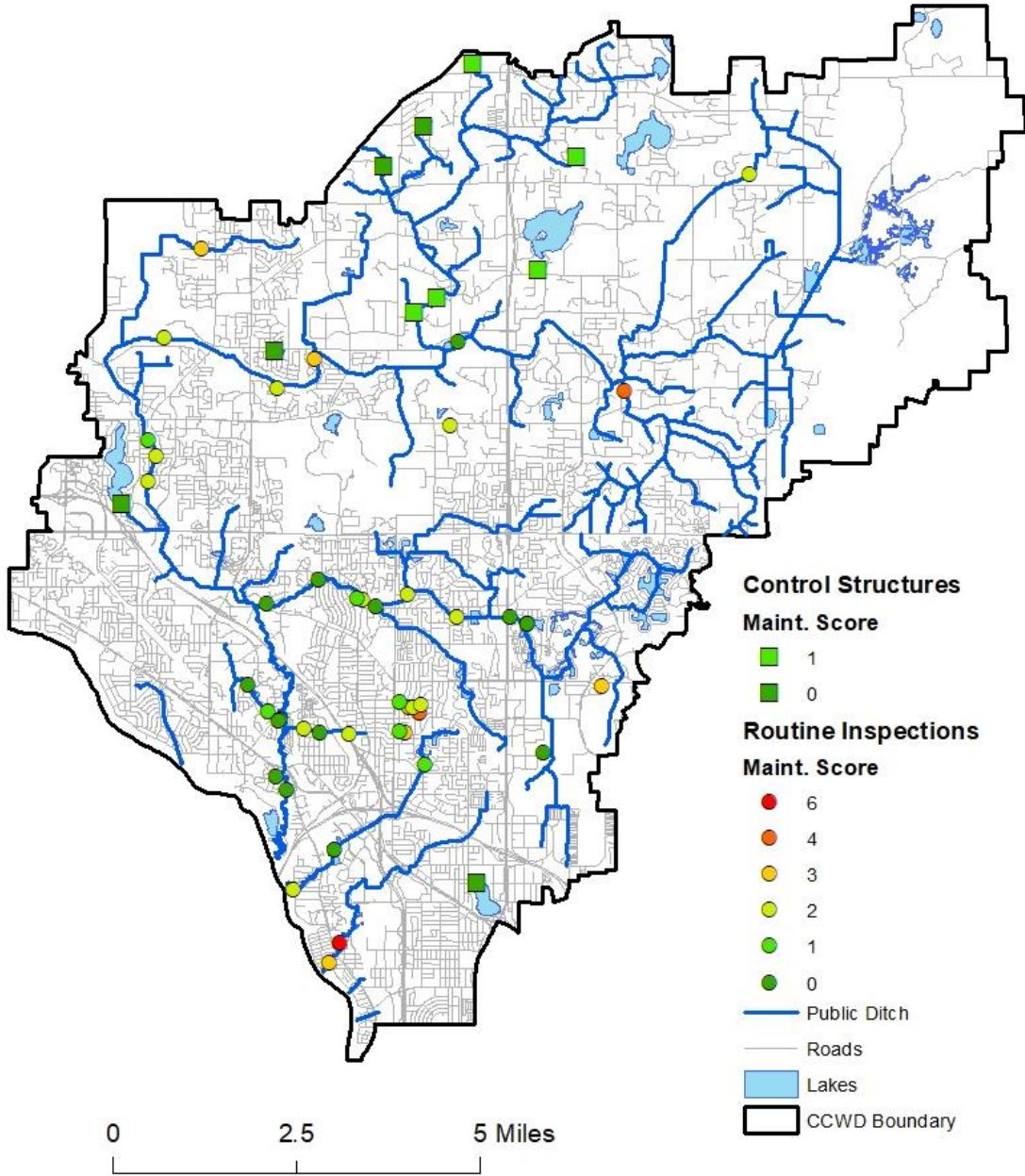
Facility	City	Purpose of Facility	Year Built	Age (yrs)	Condition
Lake Andover Outlet	Andover	Lake elevation	1995	28	Good
Crooked Lake Outlet/Dam	Coon Rapids	Lake elevation	2016/1959	7/64	Good/Good
Laddie Lake Outlet	Blaine	Lake Elevation	2020	3	Good
Lake Netta Outlet	Ham Lake	Lake Elevation	1978	45	Good
Ham Lake Outlet	Ham Lake	Lake Elevation	1965	58	Good
D 58 Timberline Weir	Ham Lake	Approved ditch elevation	2003	20	Good
D 58 Prairie Creek Weir	Ham Lake	Approved ditch elevation	2003	20	Good
D 58-7-2 Pinger’s Plaza	Ham Lake	Approved ditch elevation	1991	32	Good
D 58-6 Structure	Ham Lake	Approved ditch elevation	1989	34	Good
D 58-7 Structure	Andover	Approved ditch elevation	1989	34	Good

RECOMMENDATION

1. Receive inspection report
2. Re-Inspect in 2024



2023 Routine Inspections





COON CREEK
WATERSHED DISTRICT

Annual District Stormwater Asset Condition Assessment

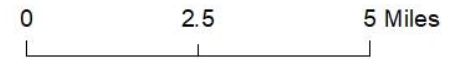
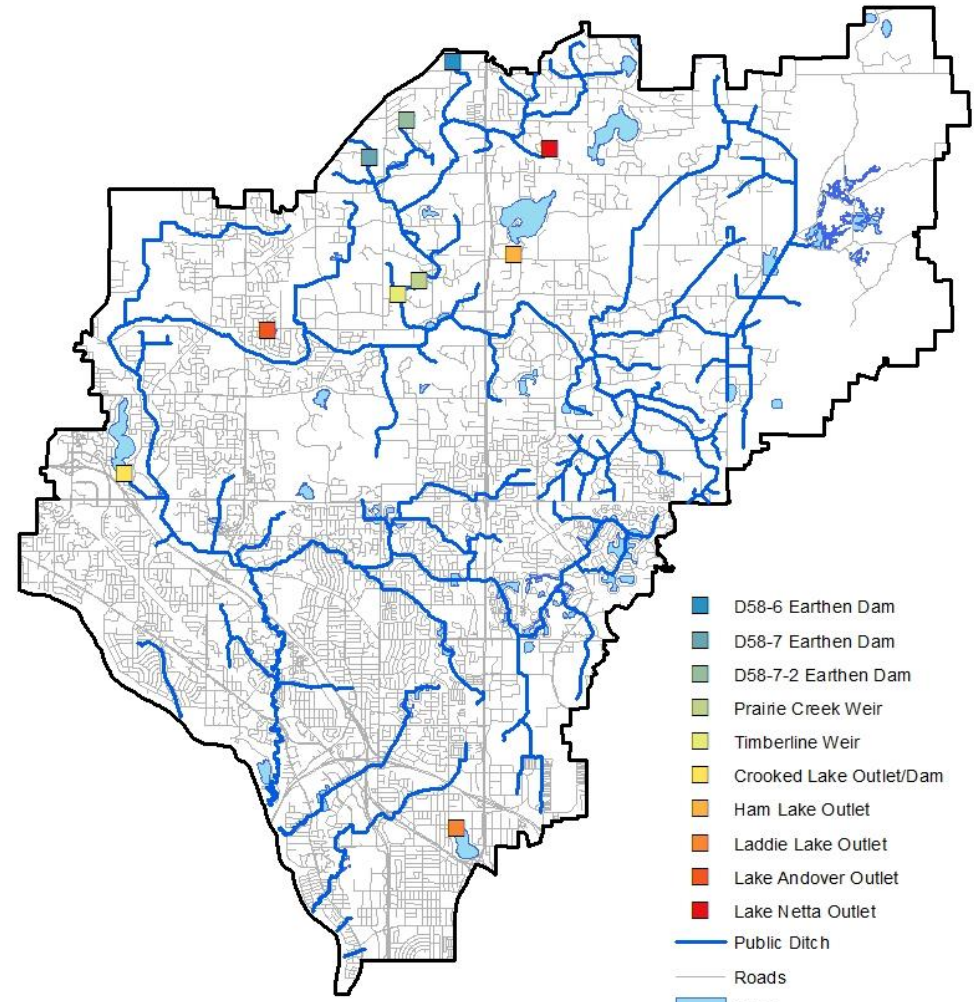
Jason Hilst
Operations & Maintenance Inspector

June 26, 2022



Water Management Structure Inspections

2023 Control Structures



Facility	Year Built	Age	Condition
Lake Andover Outlet	1995	28	Good
Crooked Lake Outlet/Dam	2016/1959	7/64	Good/Good
Ham Lake Outlet	1965	58	Good
Laddie Lake Outlet	2020	3	Good
Lake Netta Outlet	1978	45	Good
D 58 Timberline Weir	2003	20	Good
D 58 Prairie Creek Weir	2003	20	Good
D 58-7-2 Pinger's Plaza	1991	32	Good
D 58-6 Structure	1989	34	Good
D 58-7 Structure	1989	34	Good



Lake Andover Outlet

- Current Condition: GOOD
- Concerns:
 - Some brush growing over trash rack
- Recommendation:
 - Re-inspect 2024



Crooked Lake Outlet

- Current Condition: GOOD
- Concerns:
 - None
- Recommendation:
 - Re-inspect in 2024



Ham Lake Outlet

- Current Condition: GOOD
- Concerns:
 - Some vegetation growing near outlet
- Recommendation:
 - Re-inspect 2024



Laddie Lake Outlet

- Current Condition: GOOD
- Concerns:
 - None
- Recommendation:
 - Re-inspect 2024



Lake Netta Outlet

- Current Condition: GOOD
- Concerns:
 - Minor leaf & debris accumulation
- Recommendation:
 - Re-inspect 2024



Ditch 58 Prairie Creek Weir

- Current Condition: GOOD
- Concerns:
 - None
- Recommendation:
 - Re-inspect in 2024



Ditch 58 Timberline Weir

- Current Condition: GOOD
- Concerns:
 - Small leak on right side
- Recommendation:
 - Re-inspect in 2024



Ditch 58-7-2, 58-7, 58-6

Earthen Berms

- Current Condition: GOOD
- Concerns:
 - None
- Recommendation:
 - Re-inspect in 2024



Ditch 58-6



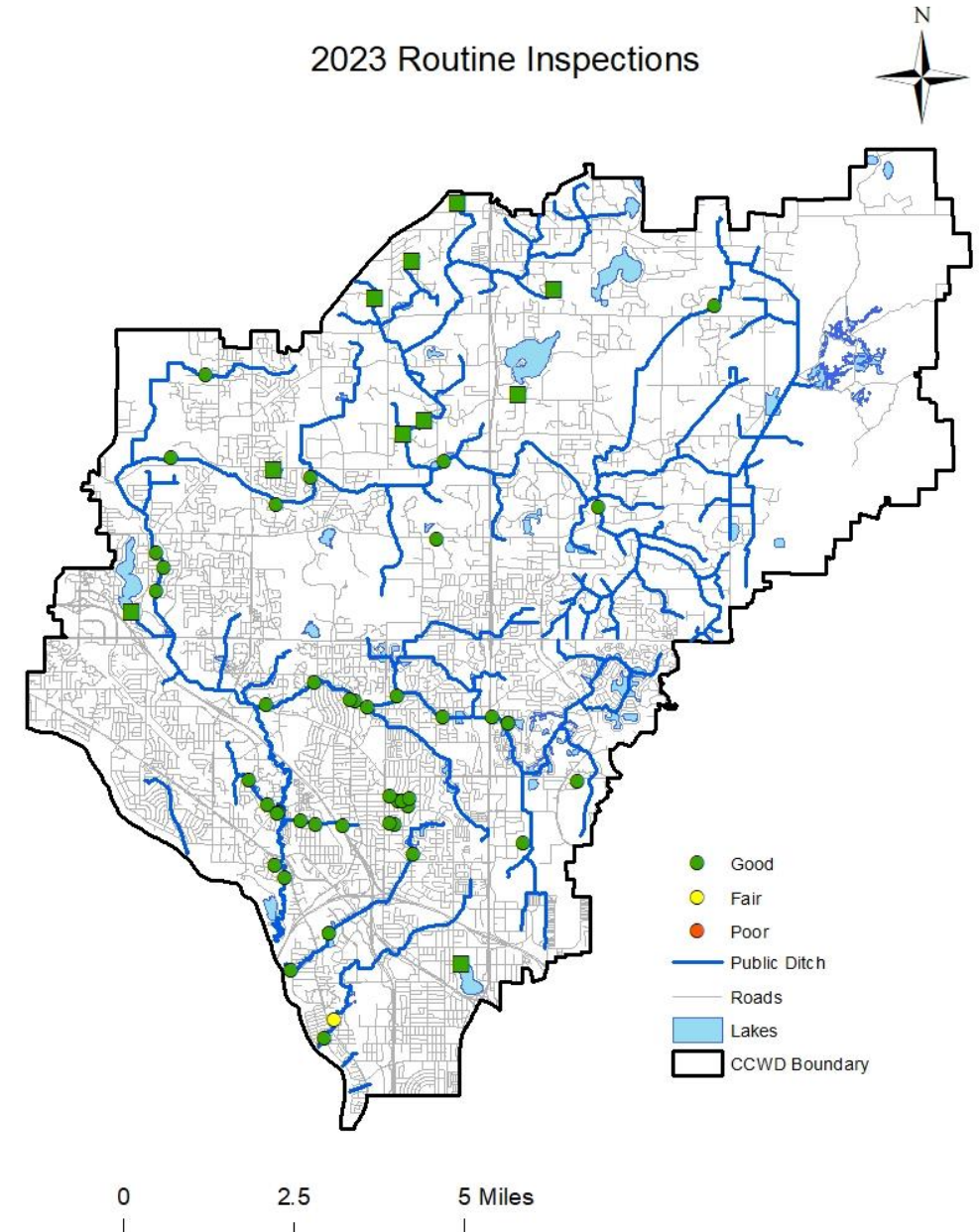
Ditch 58-7



Condition Assessment

Map of 2023 Inventory Inspections

- All in Good condition
- No maintenance recommended
 - Some minor maintenance was completed while inspection took place (small obstructions & seeding)

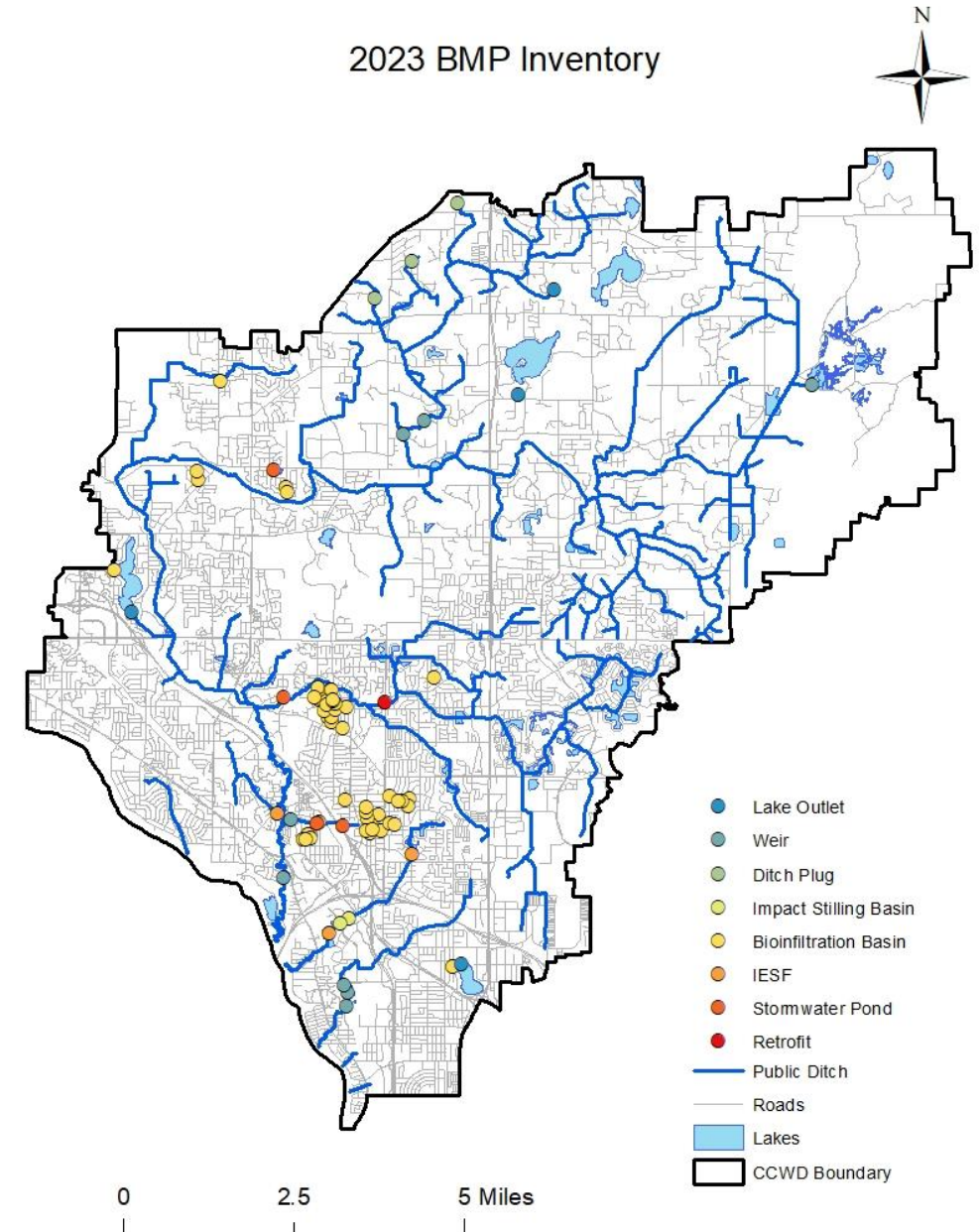


Condition Assessment

Map of CCWD BMP Inventory

- Overall in Good condition
- Regular maintenance improved

- Two New BIESF Filters
 - Pleasure Creek South
 - Epiphany Creek

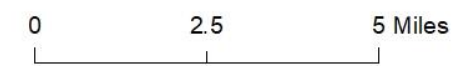
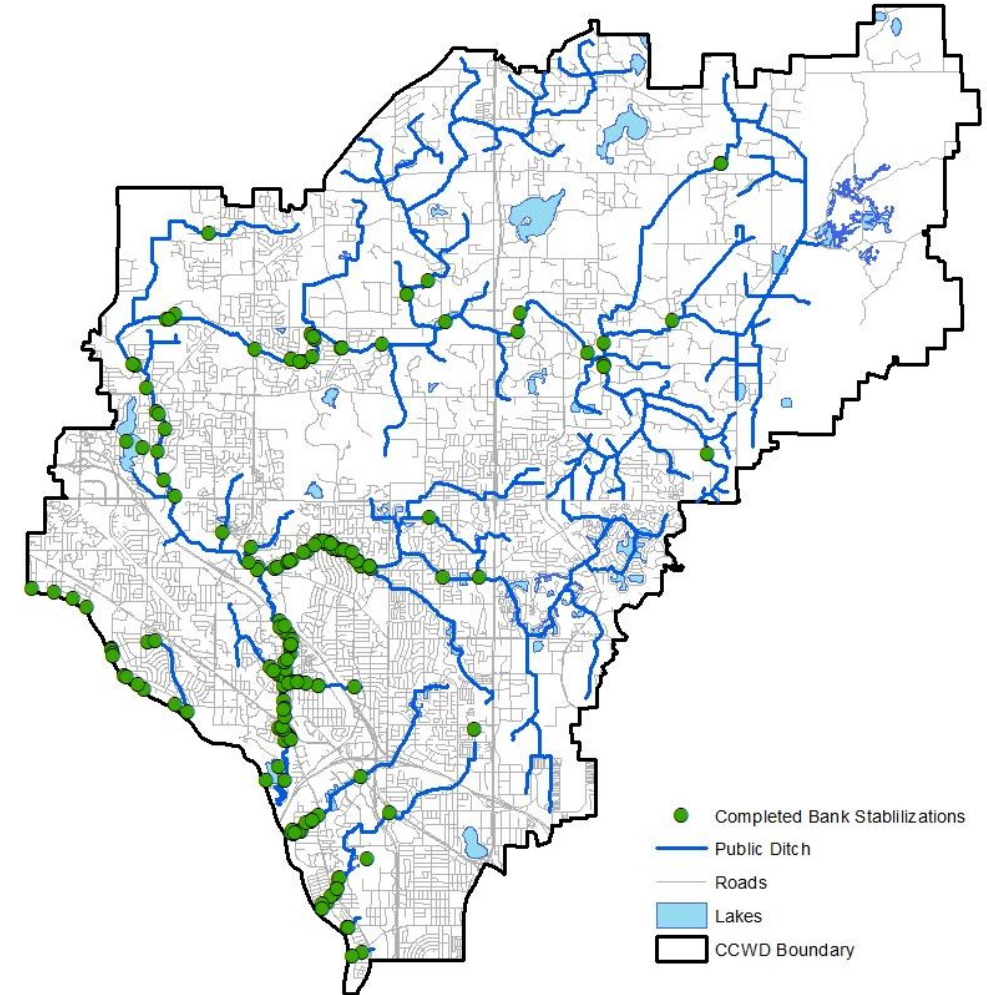


Condition Assessment

Map of CCWD Completed Bank Stabilization Projects

- Completed projects since 1995
- All in Good/Fair condition
- Annual Inspection first 5 years
 - Every 5 years thereafter

2023 Bank Stabilizations Inventory



2022 Ditch Inspections

Ditch	Length (mi)	Presentation Date	Maintenance Recommendation
Pleasure Creek	3.98	6/27/2022	Forestry/Bank Stabilization
23	1.87	9/12/2022	None
52	1.97	10/24/2022	Forestry
59	20.89	1/23/2023	Forestry/Bank Stabilization
TOTAL	28.71		



2023 Ditch Inspections

Ditch	Length (mi)	Anticipated Presentation Date
Stonybrook Creek	0.29	July 2023
20	2.97	August 2023
54	6.41	September 2023
58	19.12	December 2023
TOTAL	28.79	



Staff recommendation:

- Receive Report
- Re-inspect Structures in 2024

Key Takeaways:

- All 2023 inventory inspections are in good condition
 - No maintenance recommended at this time

THANK YOU!

Questions?









COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 9
ITEM: Public Meeting on Stormwater Pollution Prevention Plan

POLICY IMPACT: Policy
FISCAL IMPACT: Budgeted

REQUEST

Hold annual public meeting to review District performance in stormwater management.

Receive comments from the public.

BACKGROUND

In 2003, the Coon Creek Watershed District was designated a Special Municipal Separate Storm Sewer System (MS4) by the Minnesota Pollution Control Agency (MPCA) because of its responsibilities relating to the public ditch system and its role in conveying stormwater. As an MS4 the District is required to complete a Storm Water Pollution Prevention Plan (SWPPP).

The current Federal Permit (MNR040000) is held by the Minnesota Pollution Control Agency and was approved November 16, 2020. The NPDES permit requires CCWD to advertise and conduct an annual public meeting to review the SWPPP. It also requires the submittal of an Annual Report to MPCA by June 30. MPCA has given an exception in 2023 because MPCA is developing a new reporting format that is not yet available.

ISSUES/CONCERNS

1. Public Meeting Notice: Notice of the Public Workshop was posted in the official newspapers of the District June 9 and 16, 2023, in the Anoka County Union-Herald and The Life, and on the CCWD website since June 9th, 2023.

2. Agenda: Below is an agenda for the review.

1. Background – MS4 Designation
2. Resource Condition
3. Program Activities (Minimum Control Measures)
 - a. Public Education and Outreach
 - b. Public Participation/Involvement
 - c. Illicit Discharge Detection and Elimination
 - d. Construction Site Runoff Control
 - e. Post-Construction Runoff Control
 - f. Pollution Prevention/Good Housekeeping

RECOMMENDATION

1. Hold public meeting to review CCWD performance in stormwater management.
2. Receive comments from the public.

Public Hearing Notice

The Board of Managers of the Coon Creek Watershed District will hold a Public Hearing at their regularly scheduled meeting, in person or virtually by Zoom:

5:30 PM

Monday, June 26, 2023

Coon Creek Watershed District

13632 Van Buren St NE

Ham Lake, MN 55304

All residents of the Watershed District are invited to attend a public hearing on the Coon Creek Watershed District Storm Water Pollution Prevention Plan (SWPPP) required as part of the NPDES Program and administered by the Minnesota Pollution Control Agency (MPCA).

For more information go to www.cooncreekwd.org/swppp

To get the Zoom meeting link, contact Coon Creek Watershed District by 3pm on June 26th at 763-755-0975 or jgooden@cooncreekwd.org



COON CREEK
WATERSHED DISTRICT

Annual Review of SWPPP Implementation

June 26, 2023



SWPPP

Storm Water Pollution Prevention Plan



Source and History

Federal Clean Water Act

NPDES = National Pollutant Discharge Elimination System

2002 NPDES Phase II permit begins

February 2003: District notified by EPA via MPCA

because the public ditch system conveys stormwater,

1. CCWD is designated a special MS4 (Municipal Separate Storm Sewer System)

2. must develop and implement a Storm Water Pollution Prevention Plan (SWPPP)



Purpose

1. Reduce storm water discharges to the 'maximum extent practicable'
2. Protect water quality
3. Satisfy the water quality requirements of the Clean Water Act.



Requirement

Develop 6 Minimum Control Measures
(MCMs)



Six Minimum Control Measures

1. Public Education and Outreach on Storm Water Impacts
2. Public Involvement/Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-construction Storm Water Management
6. Pollution Prevention/Good Housekeeping for Municipal Operations



MCM 1 Public Education and Outreach

Requirement: Implement public education or equivalent outreach activities on impacts of stormwater discharge & steps to reduce pollutants

Method	2021	2022
Brochures and related materials *No Nite-2-Unite materials in 2022	1,621	928
Newsletters (#households) via City partners via 34 articles published	60,000	60,000
Contacts at Stormwater-related Community Events	2,029	1,428
School Projects & Presentations	75	62
Website Hits	352,844	325,185
Library Display- No Adopt-a-Drain display in 2022	10,362	0
Swag (pens, rain gauges, stickers, poop bags)	1216	792
E-newsletters	83	72



MCM 2 Public Involvement- Participation

Requirement: Comply with public notice requirements when implementing public involvement/participation program.

	2021	2022
Annual Meeting Format	social media	in person meeting
Attendees	62	0



MCM 3 Illicit Discharge Detection & Elimination (IDDE)

Requirement: Develop, implement and enforce a program to detect and eliminate illicit discharges.

	2021	2022
Number of Illicit Discharges	10	15
Discovered through	6 by Public complaint	1 by Public complaint
	4 by Staff observation	14 by Staff observation
Enforcement	Verbal warning	Verbal warning Notice of Violation
Provide IDDE Training to Staff	Yes	Yes
Other requirement fulfilled Mapping, enforcement manual, BMP Inventory	Yes	Yes



MCM 4 Construction Site Runoff Control

Requirement: Develop, implement and enforce a program to reduce pollutants in any storm water runoff from construction activities that result in land disturbance greater than or equal to 1 acre.

	2021	2022
Plan reviews conducted	155	205
Enforcement actions taken	10	15
Active Construction Sites	182	113
Number of inspections	443	499



MCM 5 Post-construction Stormwater Management

Requirement: Have program to address runoff from > 1 acre development and control WQ impacts

	2021	2022
Do District regulatory mechanisms & Standards meet approved standards	Yes	Yes
Does District use approved BMPs (Retention, detention, infiltration, MIDs)	Yes	Yes



MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations

Requirement: Develop O&M program

	2021	2022
Structural BMPs, outfalls, ponds, within MS4	2,285	2,295
BMPs, outfalls, ponds Inspected	63	76
Own storage and material handling areas	Yes	Yes
Inspections	Yes	Yes



TMDL

Requirement: Report progress on TMDL implementation

2017: TMDL for Aquatic Life completed and approved by EPA



RECOMMENDATION

Receive comments from the public.



COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 10
ITEM: Chase Bank - 3388 River Rapids Dr. NW

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-030 Chase Bank - 3388 River Rapids Dr. NW.

RECOMMENDATION

To approve Permit Application Number P-23-030 with 3 conditions and 3 stipulations, as stated in the Application Review Report dated 6/23/2023.

ATTACHED

Application Review Report for Permit Application Number P-23-030



Permit Application Review Report
Date: 06/23/2023

Applicant/Landowner:

NADG/SG Riverdale Village LP
 360 South Rosemary Ave, Suite 400
 West Palm Beach, FL 33401
 msulem@nadg.com
 561-578-8710

Contact:

Kimley-Horn & Associates
 Attn: Christian Jones
 11995 Singletree Lane, Ste 225
 Eden Prairie, MN 55344
 Christian.jones@kimley-horn.com
 763-251-1016

Project Name: Chase Bank - 3388 River Rapids Dr. NW

Project PAN: P-23-030

Project Purpose: Construction of a new bank and associated stormwater management features

Project Location: Northwest corner of River Rapids Dr NW & Main St NW, 3388 River Rapids Dr., Coon Rapids

Site Size: size of parcel - 1.21 acres; size of disturbed area - 1.21 acres; size of existing impervious - 0.86; size of proposed impervious 0.93

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

Recommendation: Approve with 3 Conditions and 3 Stipulations

Conditions to be Met Before Permit Issuance:

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$2,345.00.

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 documentation that applicant has applied for the 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. Completion of post excavation (prior to rock placement) infiltration test(s) on the underground infiltration system 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. 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
Geotechnical Report	Element	12/30/2022	06/07/2023
HydroCAD model	Kimley-Horn		06/07/2023
Permit Application	Applicant	02/27/2023	03/01/2023
Stormwater Management Plan	Kimley-Horn	06/06/2023	06/07/2023
Construction Plans	Kimley-Horn	02/28/2023	06/07/2023

Findings:

Description: The project proposes the construction of a new bank on an existing impervious parcel. The project disturbance will be 1.21 acres. There is 0.86 acres of existing impervious. The project will reconstruct all 0.86 acres of existing impervious and add new impervious. The total proposed new and reconstructed impervious is 0.93 acres. The project is in the County Ditch 54 subwatershed. It will drain east towards County Ditch 54 and then to Coon Creek.

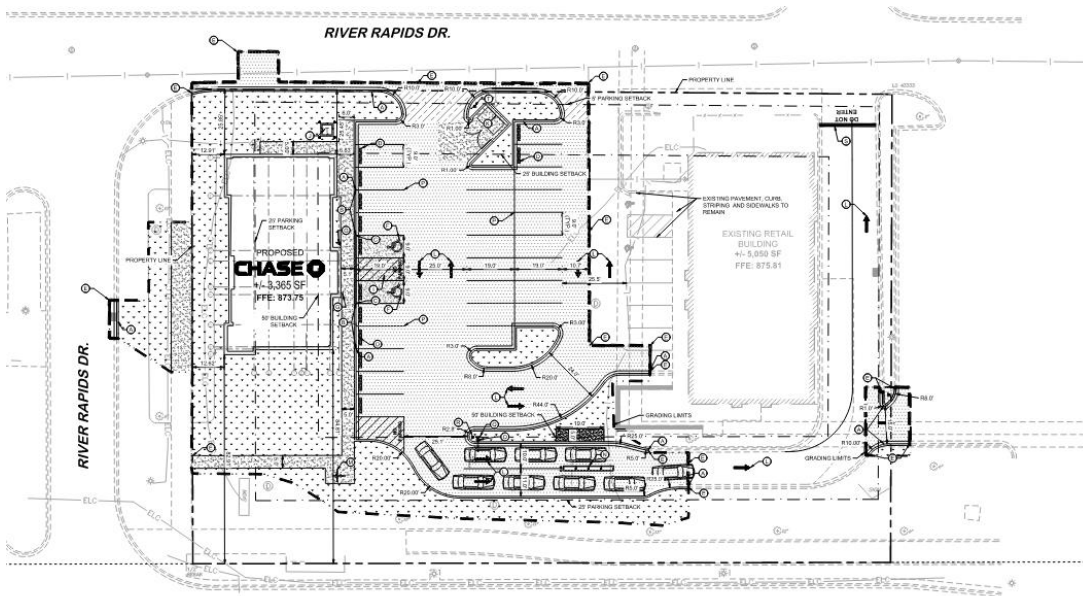


Figure 1. Site plan

Fees and Escrows (Rule 2.7): The applicant has submitted a \$3,310.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10) and the commercial project of <2 acres (\$3,300.00) fee deposit. The applicant will be required to submit a performance escrow in the amount of \$2,345.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre of disturbance (1.21 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 10,000 sf or more of new or fully reconstructed impervious surface.

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

Rate Control: Peak stormwater flow rate increases from the pre-development condition for the 24-hour precipitation event with a return frequency of 2-, 10-, 100- years for the Offsite East discharge point as shown in Table 1. This area is unable to be graded in a way that would route stormwater to the proposed treatment system. This rate increase has been reviewed and determined the effect to be negligible as all discharge from site is routed to an existing regional pond. No adverse effects are expected. 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
Offsite West	2.78	0.26	4.4	2.23	7.94	5.97
Offsite South	0.29	0.26	0.58	0.39	1.31	0.77
Offsite East	0.47	0.52	0.71	0.78	1.22	1.33

Table 1.

Volume Control: The application proposes redevelopment which disturbs more than 50% of the site or reconstructs more than 50% of the existing impervious surface, therefore the volume reduction requirement is equal to 1.1 inches over the area of all impervious surface including existing impervious surface that is not proposed to be reconstructed. The amount of proposed impervious required to be treated is 40,484 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)
UG Infiltration	29,158	UG Infiltration	1	2,675	3,947
Offsite West (untreated)	2,614	None	1	240	0
Offsite South (Untreated)	3,049	None	1	280	0
Offsite East (untreated)	5,663	None	1	519	0
TOTAL				3,714	3,947

Table 2.

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
STMH 301	Sump w/ Prinsco Preserver	80
STMH 401	Sump w/ Prinsco Preserver	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 reduction requirements are not met as shown in Table 2. Because the project proposes to disturb more than 50% of the site, they are required to meet volume control requirements for the entire site. The offsite south and offsite north drainage areas cannot reasonably be routed to the underground treatment system due to site elevations. To treat the offsite east drainage area, the project would need to regrade and reconstruct an existing neighboring business. The entire site also eventually drains to a regional pond which provides additional treatment. Because of this, the volume control standard is considered met to the maximum extent practicable.

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 (%)
Offsite West	98
Offsite South	0
Offsite East	0

Table 4.

The TSS removal standard is not met at each discharge point as shown in Table 4. The Offsite south and offsite east discharge point are not able to be routed to the onsite stormwater treatment system but are routed to the regional pond which provides treatment. The water quality standard is met to the maximum extent practicable.

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

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

Low Floor Freeboard: The proposed project is new development including buildings and habitable structures. Therefore, SMPs must be designed such that the lowest basement floor elevations are at least 2 feet above the 100-yr high water level and 1 foot above the emergency overflow. The lowest basement floor elevation proposed is 873.75 MSL. The applicable 100-year high water level is at 869.2 MSL and the applicable emergency overflow is at 868.2 MSL. The freeboard requirement is met.

Maintenance:

Maintenance access for all stormwater management practices has been provided.

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 east to Coon Creek. The soils affected by the project include Urban which do not have a soil erodibility factor of 0.15 or greater. Disturbed areas are proposed to be stabilized within 7 days, as required. The proposed erosion and sediment control plan includes perimeter control, street sweeping, and inlet protection. The erosion control plan meets District Requirements.

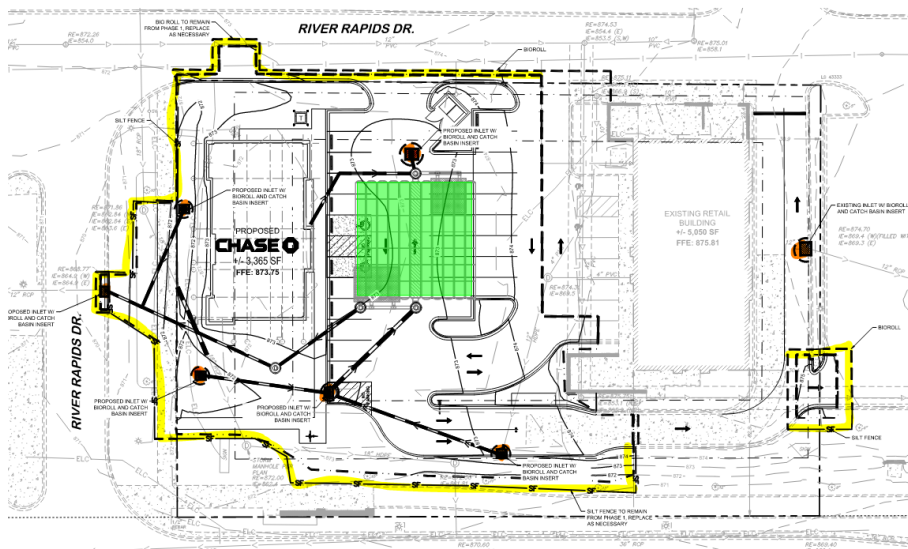


Figure 2. Erosion and Sediment Control Plan

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.

Variances (Rule 10.2)

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

P-23-030



6/20/2023

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COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 11
ITEM: Mister Car Wash MN 1622 Springbrook

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-043 Mister Car Wash MN 1622 Springbrook.

RECOMMENDATION

To approve Permit Application Number P-23-043 with 4 conditions and 4 stipulations, as stated in the Application Review Report dated 06/21/2023.

ATTACHED

Application Review Report for Permit Application Number P-23-043



Permit Application Review Report

Date: 06/21/2023

Applicant/Landowner:

CWP West, LLC
 Attn: Krisandra Lippert
 3650 Annapolis Lane N Suite 190
 Minneapolis, MN 55447
 klippert@mistercarwash.com
 612-801-7012

Contact:

Same as Applicant

Project Name: Mister Car Wash MN 1622 Springbrook

Project PAN: P-23-043

Project Purpose: Demolish existing structure and construct a car wash building along with the parking, utilities, and stormwater infrastructure.

Project Location: NEC of Springbrook Dr. NE and 85th Street NW, 8501 Springbrook Dr. NW, Blaine (See map on page 7)

Site Size: size of parcel - 1.13 acres; size of disturbed area - 1.13 acres; size of existing impervious - 0.66; size of proposed impervious 0.67

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

Recommendation: Approve with 4 Conditions and 4 Stipulations

Conditions to be Met Before Permit Issuance:

Rule 2.7 – Procedural Requirements

1. Provide escrow in the amount of \$2,565.00.

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. Provide a note on plans that disturbed soils and stockpiles must be temporarily or permanently stabilized within 24 hours after activity in an area has temporarily or permanently ceased.
4. Provide documentation that applicant has applied for the 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 stormwater management practices shown in Tables 2 & 3, including volume, critical elevations and proof of installation for hydrodynamic separators.

2. Completion of a post excavation infiltration test(s) on the Bio-Filtration Basin 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. Notify the District when construction of Underground Filtration System is beginning. District staff or a District engineer must be on site to witness construction of the underground system.
4. If dewatering is required, provide DNR dewatering permit prior to construction. If a DNR permit is not required, provide well-field location, rates, discharge location, schedule and quantities prior to construction.

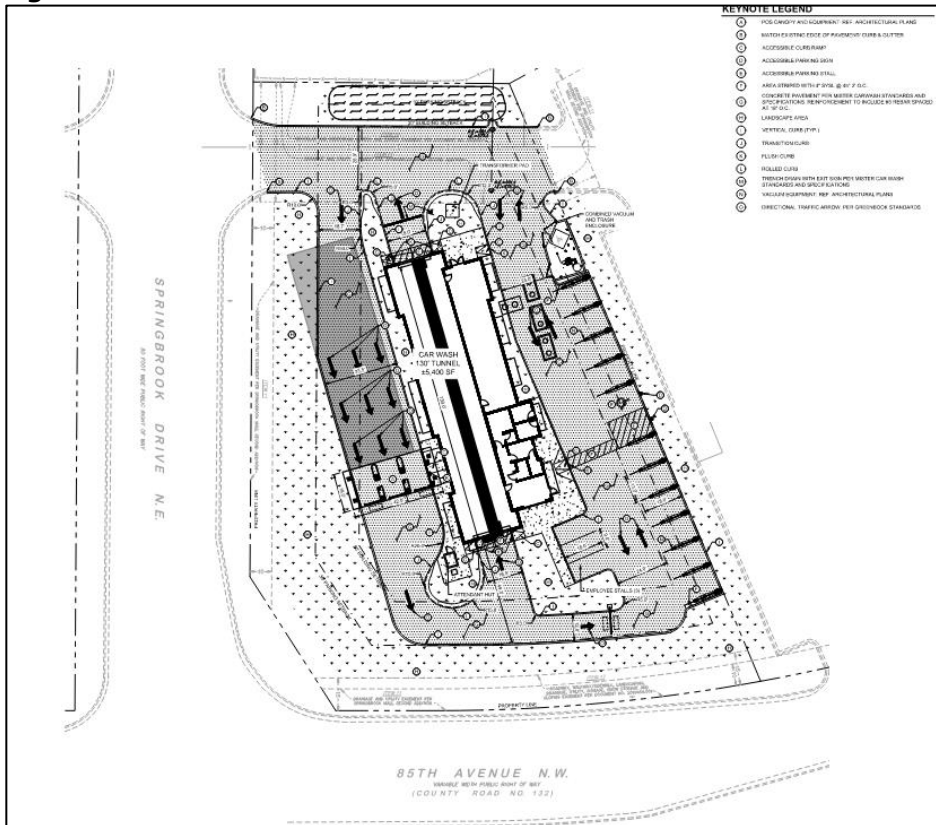
Exhibits:

Exhibit Type	Exhibit Author	Signature Date	Received Date
Application	Applicant	04/19/2023	04/19/2023
Stormwater Management Plan	Kimley-Horn	06/01/2023	06/01/2023
Construction Plan Set	Kimley-Horn	06/14/2023	06/14/2023
Geotechnical Report	Haugo Geotechnical Services	12/01/2022	05/05/2023

Findings

Description: The proposed project is a redevelopment project on 1.13 acres which includes the demolition of an existing building and construction of a car wash, parking, utilities, and stormwater infrastructure. The existing site has 0.66 acres of impervious surface, while the proposed project has a total of 0.67 acres of impervious surface. The site has poor soils and high groundwater, so the proposed project includes a biofiltration basin and an underground filtration system, both of which are lined to avoid groundwater contamination. The majority of the site drains north to an existing pond and ultimately to Springbrook Creek.

Figure 1. Site Plan



Fees and Escrows (Rule 2.7): The applicant has submitted an \$3,310.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10) and commercial project of <2 acres fee deposit (\$3,300). The applicant will be required to submit a performance escrow in the amount of \$2,565.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre (1.13 acres) of disturbance.

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 D. Curve Numbers have not been shifted down to account for the impacts of grading on soil structure and is not required for HSG D soils.

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

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
85th Ave	0.43	0.15	0.87	0.3	1.86	0.65
Red Lobster	0.08	0	0.15	0	0.32	0
Existing Pond	2.91	0.19	4.59	0.95	8.17	8.07

Table 1.

Volume Control: The amount of proposed impervious required to be treated is 29,185 ft², which is the area of all impervious surfaces.

The application proposes redevelopment which disturbs more than 50% of the site or reconstructs more than 50% of the existing impervious surface, therefore the volume reduction requirement is equal to 1.1 inches over the area of all impervious surface including existing impervious surface that is not proposed to be reconstructed. The amount of proposed impervious required to be treated is 29,185 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)
DA-2	5,227	Biofiltration Basin	0.65	737	748
DA-3	23,958	UG Filtration	0.50	4,392	4,397
TOTAL	29,185			5,129	5,145

Table 2.

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
ST-5	Sump w/ SAFL	84
ST-6	Sump w/ SAFL	94.2
ST-10	Sump	87.2

Table 3.

Pretreatment is required to be designed such that the device/method provides removal of 80% TSS entering a filtration Stormwater Management Practice. The proposed project meets pretreatment

requirements as shown in Table 3.

Infiltration may not be used as a volume control practice because the practices would need to be placed in areas with less than three feet of separation from the bottom of the infiltration system to the seasonally saturated soils. Geotechnical information from 11/17/2022 has been submitted which indicates that seasonally high saturated soils are likely at an approximate elevation of 879 MSL. The bottom of an infiltration system would need to be at elevation 882 or above. This is infeasible due to existing grades. The site is also comprised of predominately Hydrologic Soil Group D soils.

Because the volume reduction standard cannot be met due to these site constraints, the project proposes the use of a lined biofiltration basin and a lined underground filtration system. The appropriate TP factors have been used to calculate the required water quality volume. 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 (%)
Existing Pond	85

Table 4.

There are 3 discharge points shown in Table 1. The proposed project removes the Red Lobster discharge point and redirects it to the Existing Pond. In both the existing and proposed conditions, the 85th Ave discharge point has an entirely pervious drainage area. For this reason, TSS reduction at this discharge point is not required. The TSS removal standard is met at each required 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 development including buildings and habitable structures. Therefore, SMPs must be designed such that the lowest basement floor elevations are at least 2 feet above the 100-yr high water level. The lowest basement floor elevation proposed is 884.25 MSL. The 100-year high water level of the underground filtration system is at 882.5 MSL, which is 1.8 ft below the low floor. However, the 100-year high water level is contained within the underground system which protects the structure from flooding. This is allowed within the freeboard requirement and, therefore, the freeboard requirement has been met.

Maintenance:

Maintenance access for all stormwater management practices has been provided.

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.

Figure 2. Erosion and Sediment Control Plan



The proposed project drains to Springbrook Creek. The soils affected by the project include Isanti and Lino, which have a soil erodibility factor of 0.15 or greater. Disturbed areas are not proposed to be stabilized within 24 hours, as required. The proposed erosion and sediment control plan includes perimeter control, inlet protection, and stabilized construction entrance. The erosion control plan does not meet District Requirements because a note is not included which states that disturbed soils and stockpiles must be stabilized within 24 hours.

Wetlands (Rule 5.0)

The proposed project does not include activities which result in the filling, draining, excavating, or

otherwise altering the hydrology of a wetland. Rule 5.0 does not apply.

Floodplain (Rule 6.0)

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

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

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

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

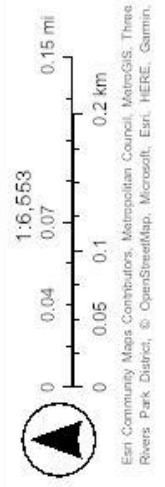
Buffers (Rule 8.0)

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

VariANCES (Rule 10.2)

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

P-23-043



6/21/2023

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 12
ITEM: TH 65 East Frontage Road From 171st Ave to 334 ft south
Crosstown Blvd (CSAH 18)

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-032 TH 65 East Frontage Road From 171st Ave to 334 ft south Crosstown Blvd (CSAH 18).

RECOMMENDATION

To approve Permit Application Number P-23-032 with 7 conditions and 2 stipulations, as stated in the Application Review Report dated 06/23/2023.

ATTACHED

Application Review Report for Permit Application Number P-23-032

Permit Application Review Report
Date: 06/23/2023

Applicant/Landowner:

City of Ham Lake
Attn: Denise Webster
15544 Central Avenue NE
Ham Lake, MN 55304
dwebster@ci.ham-lake.mn.us
7632351673

Contact:

RFC Engineering, Inc.
Attn: David Krugler
13635 Johnson Street NE
Ham Lake, MN 55304
DKrugler@rfcengineering.com
736-862-8000

Project Name: TH 65 East Frontage Road From 171st Ave to 334 ft south Crosstown Blvd (CSAH 18)

Project PAN: P-23-032

Project Purpose: Construction of a frontage road and associated stormwater treatment features

Project Location: 171st Avenue to 334 ft south Crosstown Blvd (CSAH 18), Ham Lake (see map on page 8)

Site Size: size of parcel – 30.72 acres; size of disturbed area – 9.99 acres; size of existing impervious – 1.44 acres; area of fully reconstructed impervious – 0.18 acres, size of new impervious – 1.84 acres, size of total proposed regulated impervious – 2.02 acres

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

Recommendation: Approve with 7 Conditions and 2 Stipulations

Conditions to be Met Before Permit Issuance:

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount \$6,995.00

Stormwater Management (Rule 3)

2. Calculations for pond discharge requirement are not correct. The 5.66 value should be multiplied by the surface area of the pond, not by the surface area flowing to the basin (See MN Stormwater Manual). Update discharge requirement calculations to reflect this.
3. Ensure HWLs for pond 1 and 4 listed in row D of the pond outlet baffle detail are consistent with the HydroCAD model.
4. The top of orifice elevation is equal to the top of baffle elevation for ponds 3 and 4. Unclear how the orifices will be constructed. Update design of outlet baffles for pond 3 and 4 to ensure constructability.

Soils and Erosion Control (Rule 4)

5. Provide a note on the erosion and sediment control plan to stabilize soils and soil stockpiles within 24 hours of inactivity.
6. Provide documentation that applicant has applied for the NPDES Construction Stormwater Permit.

Wetlands (Rule 5)

7. Provide documentation that the joint application form including a fully executed

Attachment E has been sent to the Board of Water and Soil Resources.

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:

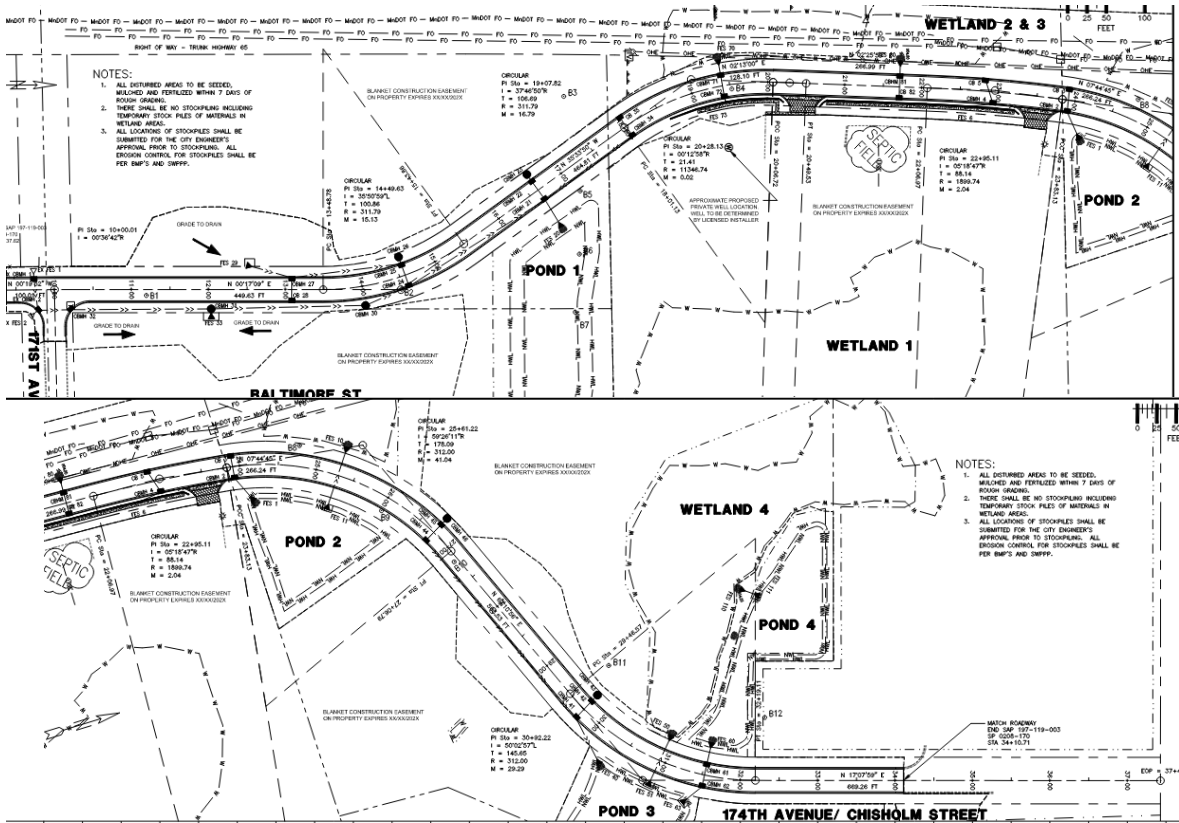
1. Submittal of as-builts for the stormwater management practices and associated structures listed in Tables 2 and 3, including volume, critical elevations and proof of installation for hydrodynamic separators.
2. If dewatering is required, provide DNR dewatering permit prior to construction. If a DNR 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
Wetland Delineation Report	Earth Science Associates, Inc.	07/03/2021	03/15/2021
Wetland Delineation Report	MNR	11/19/2021	11/21/2021
Dead Water Storage Road Only	RFC Engineering	03/15/2023	03/15/2023
Boring Logs	American Engineering Testing, Inc.	12/07/2009	02/15/2023
MIDS Calculations	RFC Engineering, Inc.	02/09/2023	02/15/2023
Report of Geotechnical Explorations	Independent Testing Technologies	12/17/2021	02/15/2023
Pre & Post Drainage Maps	RFC Engineering, Inc.	04/18/2023	04/19/2023
Stormwater Management Plan	RFC Engineering, Inc.	04/19/2023	04/19/2023
Road HydroCAD	RFC Engineering, Inc.	04/11/2023	04/19/2023
Joint Application	RFC Engineering, Inc.	05/15/2023	06/15/2023
SHSAM Calculations		04/11/2023	04/19/2023
Construction Plans	RFC Engineering, Inc.	04/06/2023	04/19/2023
Existing HydroCAD	RFC Engineering, Inc.	03/15/2023	03/15/2023

Findings

Description: The project is proposing to construct a new 2 lane urban street with associated stormwater treatment features. Groundwater is high in this area which prevents infiltration, so the project proposes the use of storm ponds. While this project only proposes to construct a new frontage road, the stormwater ponds are oversized to accommodate future development along the road. The overall parcel size is approximately 30.7 acres. There are 1.44 acres of existing impervious. The project will fully reconstruct 0.18 acres and create 1.84 acres of new impervious. The total regulated impervious surface is 2.02 acres. This project is located within the County Ditch 58 subwatershed and drains east to County Ditch 58-3-1.



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 \$6,995.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre of disturbance (9.99 acres of disturbance proposed).

Stormwater Management (Rule 3.0):

Rule 3.0 applies to the proposed project because it is a public linear project where the sum of the new and fully reconstructed impervious surface equals one or more acres.

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

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

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
Offsite East	0.08	0.08	0.18	0.18	0.45	0.45
Offsite West	3.36	3.23	6.14	5.88	11.68	11.14
Holiday Pond	0.03	0	0.06	0	0.12	0

Table 1.

Volume Control: The proposed project is a public linear project; therefore, the volume reduction requirement is equal to 1 inch over the area of new impervious surface, or 0.5 inches over the sum of the area of new and fully reconstructed impervious surface, whichever is greater. The amount of proposed impervious required to be treated is 87,991 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)
Pond 1	37,904.9*	Pond 1	0.5	6,949.2	67,746
Pond 2	37,916.27*	Pond 2	0.5	6,951.3	22,999
Pond 3	9,986*	Pond 3	0.5	1,830.7	21,559
Pond 4	14,577*	Pond 4	0.5	2,672.4	26,021
TOTAL				18,403.6	138,325

Table 2.

*Note: The impervious required to be treated numbers currently show the entire amount of impervious going to the ponds and not the amount of regulated impervious. The amount of regulated impervious will be lower. The amounts will be updated as the correct information is received, but the ponds are adequately treating all impervious directed there, so they will also meet the requirement for just the regulated amount of impervious.

All proposed Stormwater Management Practices are wet ponds and, therefore, the pretreatment requirements do not apply.

Infiltration may not be used as a volume control practice because the practices would need to be placed in areas with less than three feet of separation from the bottom of the infiltration system to the seasonally saturated soils. Geotechnical information from 12/2021 has been submitted which indicates that seasonally high saturated soils are likely at approximate elevations between 899.8 and 911.9 ft MSL. The bottom of an infiltration system would need to be at elevation near or above the existing surface elevations. Because the volume reduction standard cannot be met due to these site constraints, the project proposes the use of stormwater ponds using the applicable TP conversion factor to calculate Water Quality Volume required. 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
Offsite East	80
Offsite West	80

Table 3.

There are 3 discharge points shown in Table 1. The Holiday Pond discharge point has an entirely pervious drainage area. For this reason, TSS reduction at this discharge point is not required. The TSS removal standard is met at each required discharge point as shown in Table 3.

Discharges to Wetlands:

Stormwater from the proposed project is being discharged into the following wetlands. The table below shows the change from existing to proposed conditions for each.

Wetland ID	Wetland 1	Wetland 2	Wetland 3	Wetland 4
Wetland Type	3	2	2	3
Bounce 2 yr (ft)	-0.11	-1.05	0.75	0.14
Bounce 10 yr (ft)	-0.11	-1.31	0.82	0.15
Discharge Rate (cfs)	0	0	0	0
Inundation on 2 yr (hrs)	4	6	16	11
Inundation on 10 yr (hrs)	2	10	16	9
Run Out Control (ft)	0	-3.65	-2.3	-1.5

Table 4.

The proposed project meets bounce, discharge rate, inundation, and runoff control requirements for all wetlands receiving discharge from the site as shown in Table 4.

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

Maintenance:

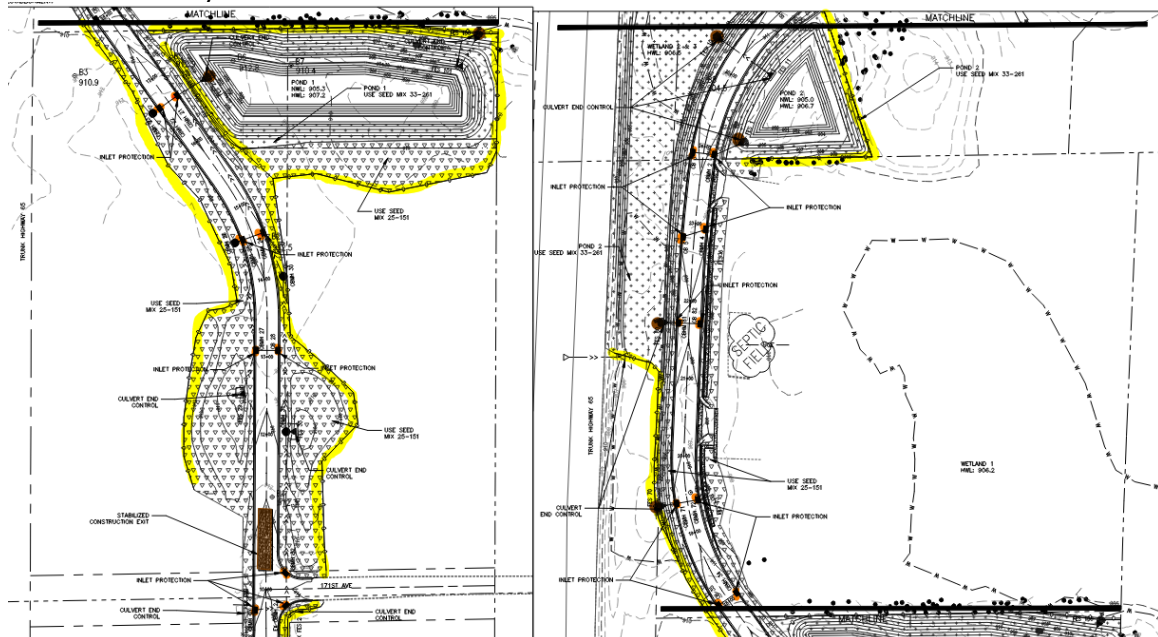
Easements: Maintenance easements for all stormwater management practices have been provided on the plans.

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

Soils and Erosion Control (Rule 4.0)

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

The proposed project drains to County Ditch 58-3-1. The soils affected by the project include Soderville, Isanti, Lino, Zimmerman, and Cut & Fill 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 silt fence, rock construction entrance, riprap, seeding, and inlet protection. The erosion control plan does not meet District Requirements. The plan does not meet requirements because soil and soil stockpiles are not proposed to be stabilized within 24 hours of inactivity.



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 of the hydrology of a wetland.

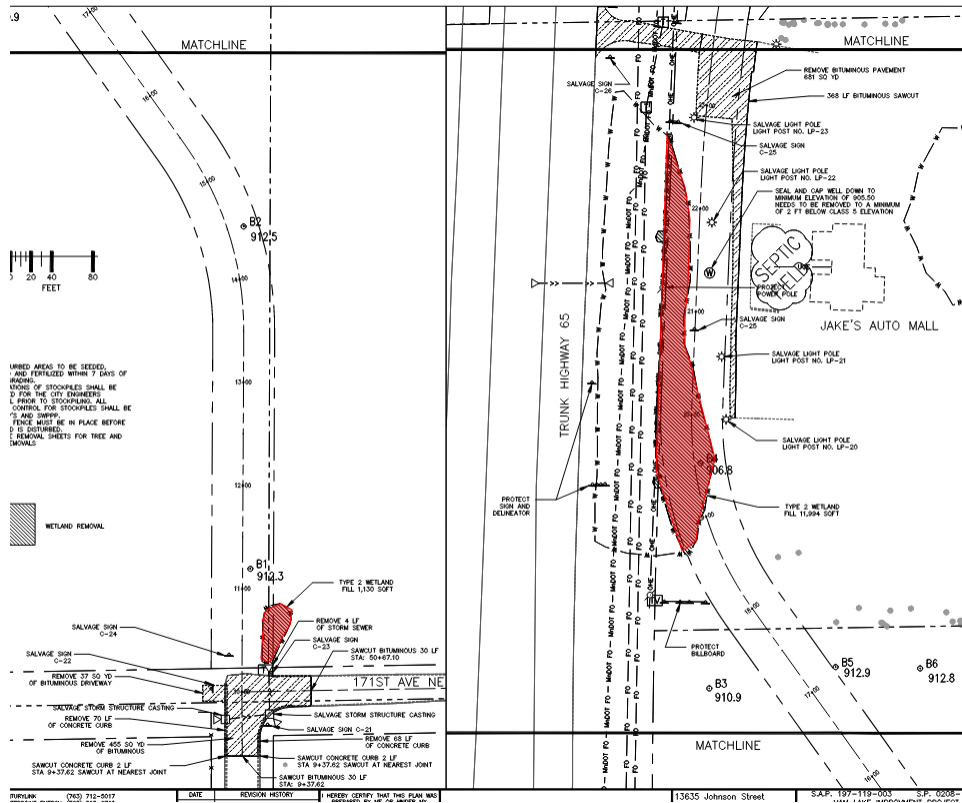
Wetlands were delineated under PAN (21-151 and 20-116). The boundary and type application was reviewed and approved. The Notice of Decision was issued on 12/16/2021.

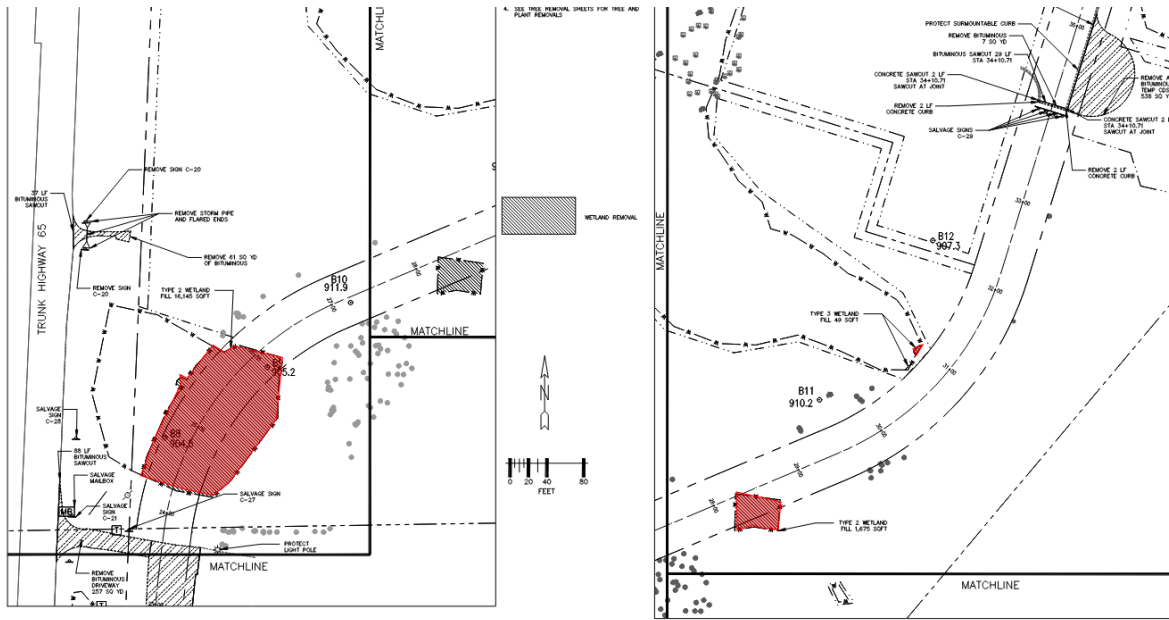
The applicant submitted a joint application form on 6/15/2023. Wetland impacts are proposed through fill in 5 locations. The applicant has provided an alternatives analysis which discusses wetland impact avoidance, minimization, and mitigation. A wetland impact summary is outlined in Table 5. The applicant has requested the use of the Local Government Road Wetland Replacement Program to satisfy wetland impact replacement requirements, which is why the replacement ratios and required mitigation numbers are not shown in Table 5. The application has been sent to the TEP for

comment. The applicant must provide documentation that the joint application form including a fully executed Attachment E has been sent to the Board of Water and Soil Resources.

Wetland	Impacts (sf)	Type (T/P)	Replacement Ratio	Required Mitigation (sf)
1	1,130	P	-	-
2	11,994	P	-	-
3	16,145	P	-	-
4	1,675	P	-	-
5	49	P	-	-

Table 5.





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.

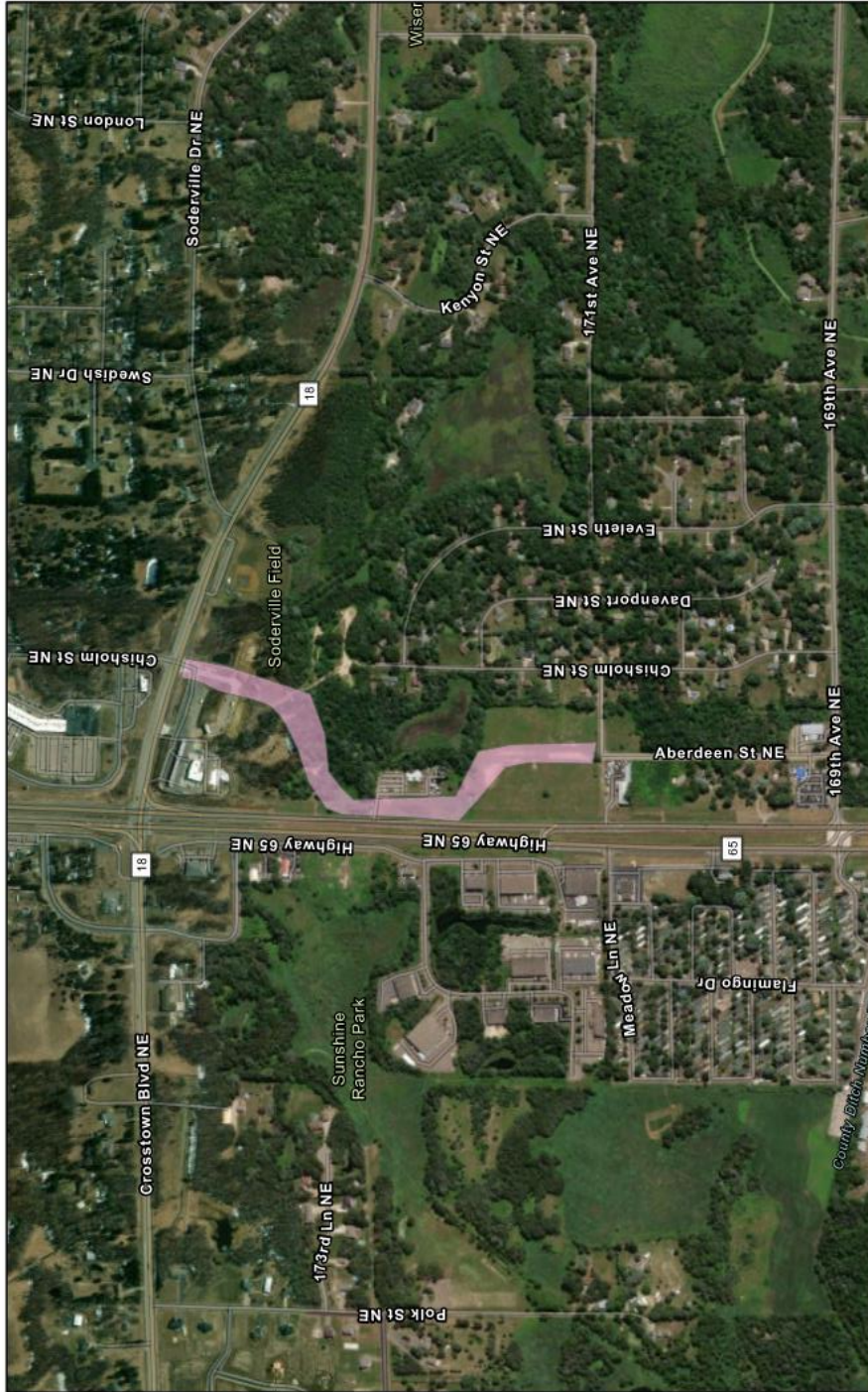
Buffers (Rule 8.0)

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

P-23-032



6/21/2023

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 13
ITEM: Toby's Trails

AGENDA: Permit

BACKGROUND/DISCUSSION

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-028 Toby's Trails.

RECOMMENDATION

To approve Permit Application Number P-23-028 with 6 conditions and 3 stipulations, as stated in the Application Review Report dated 6/23/2023.

ATTACHED

Application Review Report for Permit Application Number P-23-028



Permit Application Review Report

Date: 06/23/2023

Applicant/Landowner:

Richard and Diane Sylvester
16220 Naples St NE
Ham Lake, MN 55304
Diane.Sylvester@hotmail.com
763-229-1247

Contact:

Plowe Engineering, Inc.
Attn: Adam Ginkel
6776 Lake Dr. Ste 110
adam@plowe.com
651-361-8235

Project Name: Toby's Trails

Project PAN: P-23-028

Project Purpose: Subdivision of a 25-acre parcel into 3 single family home lots, including mass grading, utility installation, stormwater treatment infrastructure, and house pad preparation.

Project Location: 16200 Naples St NE, Ham Lake

Site Size: size of parcel - 25.78 acres; size of disturbed area - 2.4 acres; size of existing impervious - 0.39; size of new impervious – 0.30 acres, size of total impervious 0.69

Applicable District Rule(s): Rule 2, Rule 3, Rule 4, Rule 5, Rule 6, Rule 8

Recommendation: Approve with 6 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 \$3,200.00

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.

Erosion and Sediment Control (Rule 4)

3. Update the erosion and sediment control plan to include the following:
 - a. A note to stabilize soil and soil stockpiles within 24 hours of inactivity.
 - b. Perimeter control is required around the infiltration basin.
4. Provide documentation that applicant has applied for the NPDES Construction Stormwater Permit.

Rule 8.0 – Buffers

5. Provide permanent buffer monumentation at each parcel line where it crosses a buffer strip and at a maximum every 200 feet along the edge of the buffer.
6. Increase the wetland buffer to meet the minimum 16.5-foot requirement for Other Waters resource type.

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. Completion of a post construction infiltration test on the Infiltration Basin 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. 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
Soil Boring	Haugo GeoTechnical Services	03/28/2023	03/31/2023
Soil Borings	Tradewell Soil Testing	07/13/2022	02/15/2023
Soil Borings	Tradewell Soil Testing	08/23/2021	02/15/2023
Final Plat	E.G.Rud & Sons, Inc.	03/31/2023	05/08/2023
Plat	E.G.Rud & Sons, Inc.	05/03/2023	05/08/2023
No Loss	Jacobson Environmental, PLLC	05/16/2023	05/17/2023
Exemption Request	Jacobson Environmental, PLLC	02/10/2023	02/13/2023
Delineation Addendum	Jacobson Environmental, PLLC	10/29/2021	11/01/2021
Wetland Delineation	Jacobson Environmental, PLLC	09/10/2021	09/15/2023
Construction Plans	Plowe Engineering, Inc.	03/31/2023	03/31/2023
Stormwater Management Plan	Plowe Engineering, Inc.	06/15/2023	06/15/2023
SWPPP	Plowe Engineering, Inc.	05/05/2023	05/08/2023

Findings:

Description: The project proposes the subdivision of a 25.8-acre parcel into three single family residential lots. The project includes mass grading, storm sewer installation, construction of stormwater management infrastructure, house pad preparation, and restoration. There is 0.39 acres of existing impervious and 0.30 acres of proposed new impervious. The site drains to a private ditch located on the west parcel boundary. This private ditch drains to the southeast to County Ditch 11 and is in the County Ditch 11 subwatershed.

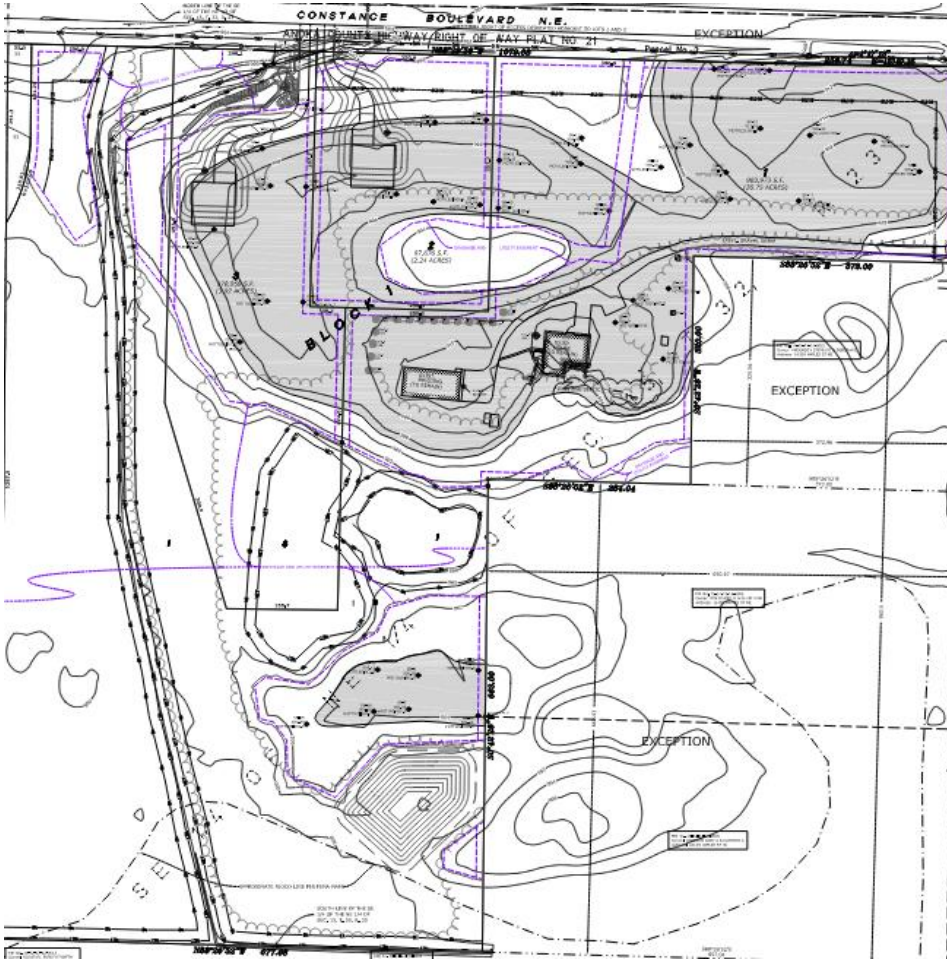


Figure 1. Site Plan

Fees and Escrows (Rule 2.7): The applicant has submitted a \$8,350.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10), project type of <10 acres (\$7,000.00), and addition to base fee (\$300.00 for floodplain impact & \$1,040.00 for ditch crossing). The applicant will be required to submit a performance escrow in the amount of \$3,200.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre of disturbance (2.4 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 10,000 sf or more of new or fully reconstructed impervious surface.

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

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. Because the project is upstream of a Drainage Sensitive Use, the 25-yr rates were evaluated. The proposed 100-year peak flow rate for the discharge point to the ditch exceeds the existing 25-year peak flow rate for the entire site. This point discharges the majority of the site with 24 acres of drainage area, while the proposed project is only disturbing 2.4 acres within that drainage area. Because of the size of the project relative to the drainage areas, it would be unreasonable to require the applicant to meet drainage sensitive use requirements for the entire drainage area discharging to the ditch, as it would significantly increase the scope and cost of the project. The existing 25-year and proposed 100- year rates for just the area of disturbance for this project were reviewed and are also included in Table 1. The drainage sensitive use requirement is met to the maximum extent practicable. The rate control requirement is considered met.

Point of Discharge	2-year (cfs)		10-year (cfs)		100-yr (cfs)		25-year (cfs)		100-year (cfs)	
	Exist. (site)	Prop. (site)	Exist. (site)	Exist. (site)	Exist. (site)	Exist. (site)	Exist. (disturbed area)	Prop. (disturbed area)	Exist. (disturbed area)	Prop. (disturbed area)
Ditch	2.81	2.12	8.92	6.62	27.51	23.2	2.1	1.15	3.78	2.24
Low area	0.69	0.56	1.47	0.93	3.8	3.18	2.6	1.52	3.8	3.18

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 new impervious surface. The amount of proposed impervious required to be treated is 13,157 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)
Infiltration Basin	9,407	Infiltration Basin	1	862	1,260
Overland Flow	3,750	Impervious Disconnect	1	344	344
TOTAL				1,206	1,604

Table 2.

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
Infiltration Basin	Sediment forebay	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.

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
Ditch	80

Table 4.

There are 2 discharge points shown in Table 1. In both the existing and proposed conditions, the Low Area discharge point has an entirely pervious drainage area and is significantly separated from the project area. For these reasons, TSS reduction at this discharge point is not required. The TSS removal standard is met at each required 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 new development including buildings and habitable structures. Therefore, SMPs must be designed such that the lowest basement floor elevations are at least 2 feet above the 100-yr high water level or 1 foot above the emergency overflow. The lowest basement floor elevation proposed is 906.5 MSL. The applicable 100-year high water level is at 902.3 MSL and the applicable emergency overflow is at 902 MSL. The freeboard requirement is met.

Maintenance:

Easements: Maintenance easements for all stormwater management practices have been provided on the plans.

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

Soils and Erosion Control (Rule 4.0)

Rule 4.0 applies to the proposed project because it includes land disturbing activities of 1 acre or more. The proposed project drains to a private ditch and then to Coon Creek. The soils affected by the project include Rifle, Markey, Isanti, and Zimmerman 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 silt fence and rock construction entrance. The erosion control plan does not meet District Requirements because soils and soil stockpiles are not proposed to be stabilized within 24 hours of inactivity and perimeter control is not proposed around the infiltration basin.

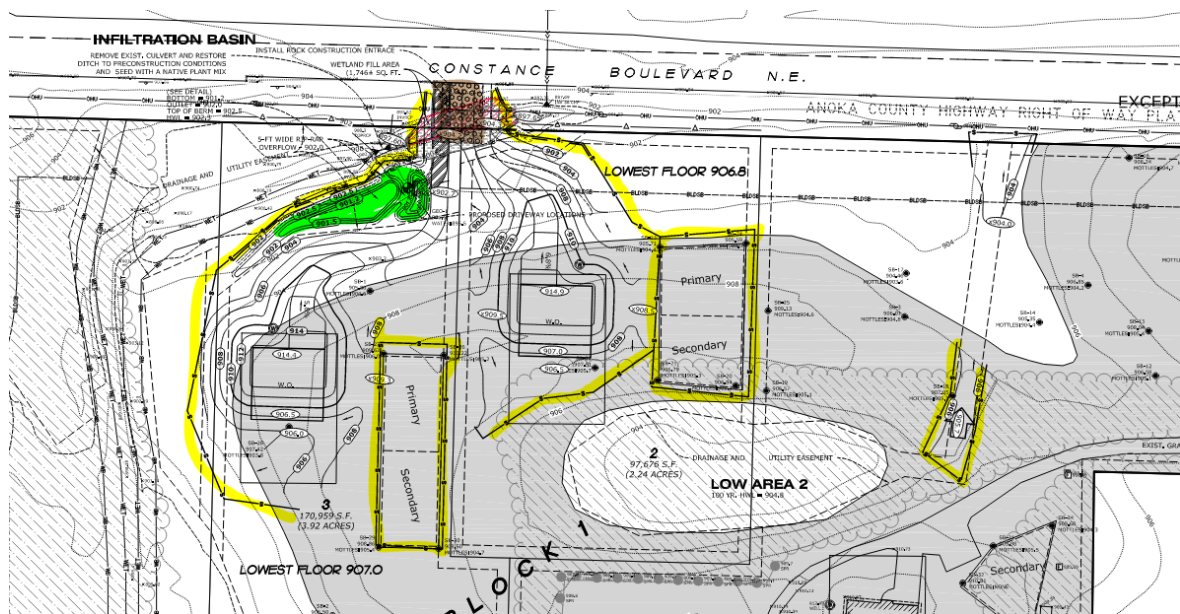


Figure 2. Erosion and Sediment Control Plan

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 of the hydrology of a wetland.

Wetlands were delineated under PAN (W23-005). The boundary and type application was reviewed and approved. The Notice of Decision was issued on 11/02/2021.

The applicant submitted a joint application form requesting a de minimis exemption on 2/22/2023. The application was noticed to the TEP on 2/22/2023. The applicant submitted a revised joint application on 5/17/2023 to include the removal of a culvert from the ditch and revegetation of the disturbed area with a native seed mix. The culvert removal activity will not impact a wetland and qualifies as a No-Loss. The applicant proposed to impact 1,746 square feet through fill in one location shown below. The TEP agrees that the proposed project meets the requirements for a No-Loss under Exemption (8420.0420) Subpart 8 and No-Loss (8424.0415) Part A. The Notice of Decision with approval was issued on 5/26/2023.

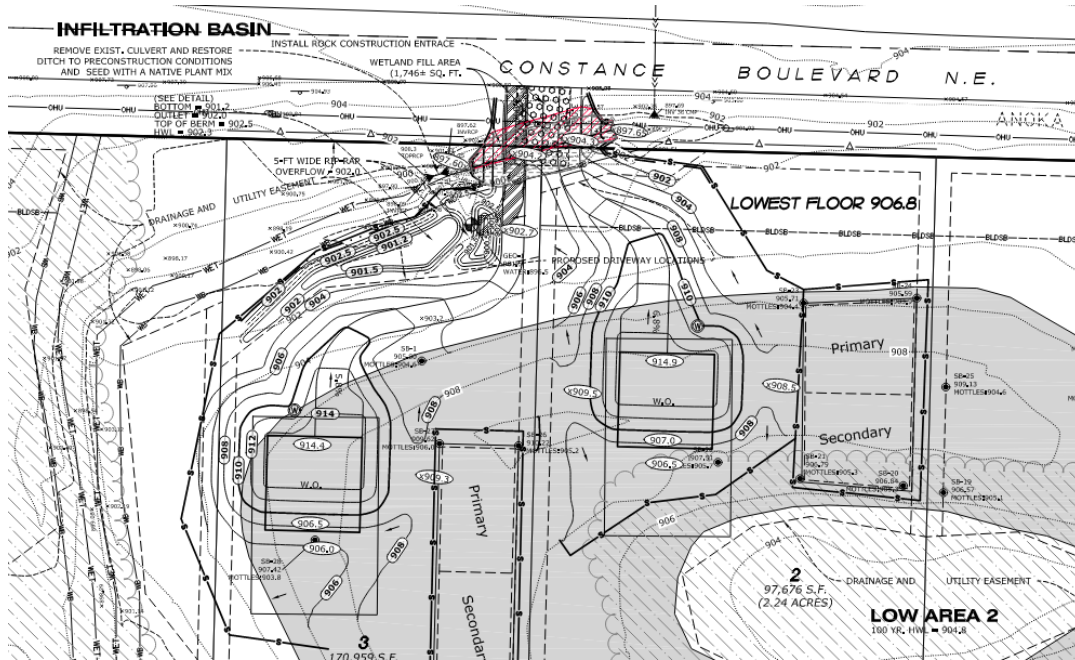


Figure 3. Wetland impact location

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 is 901.1 ft MSL.

The application proposes the placement of 3,196 cubic yards of fill within the floodplain. Compensatory storage is required. The proposed project provides 20,036 cubic yards of compensatory storage, which exceeds the required 1:1 ratio and is within the relevant reach.

The proposed project is subject to flood damage. Low floor elevations are proposed at elevation 906.5 ft MSL, which meets the minimum floor elevation of 2 feet above the 100-year flood profile.

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)

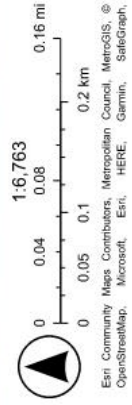
Rule 8.0 applies because it includes a land disturbing activity that requires a permit under another District Rule and is on land adjacent or directly contributing to additional Waters.

A continuous buffer is proposed on the plans; it is proposed to be established and maintained in MnDOT 33-261, which qualifies as perennially rooted vegetation. Because the resource is an additional water, the buffer width must be 16.5 ft. The proposed buffer does not meet the width requirements. Permanent monumentation at each parcel line, and every 200 ft as needed, have not been proposed on the plan.

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.

P-23-028



6/15/2023

COON CREEK WATERSHED DISTRICT
Request for Board Action

MEETING DATE: June 26, 2023
AGENDA NUMBER: 14
ITEM: Preliminary rough Draft Expenditure Budget

AGENDA: Discussion

ACTION REQUESTED

Review and discuss outstanding questions on proposed 2024 expenditures.

PURPOSE & SCOPE OF ITEM

To review preliminary draft expenditures for 2024 and provide the Board an opportunity for questions, clarifications, and corrections.

BACKGROUND

At the March 13 meeting the Board adopted a calendar for the development, review, and adoption of the 2024 annual operating budget. In the succeeding six meetings the Board has either reviewed and discussed problems, issues and concerns pertaining to water management and/or reviewed preliminary cost figures to address the District obligations and the priority problems, issues, and concerns.

During those discussions the Board periodically had comments and questions of clarification, which the staff addressed and/or corrected. The next step in the budget planning process is to develop a cost-based budget that reviews the revenues required to pay for “Everything plus the kitchen sink”.

This discussion item is intended to surface cost-based problems, issues, or concerns prior to the development of that draft budget.

ISSUES/CONCERNS

1. **Professional Services:** The Board is familiar with the separation of services from the county and the additional costs required to replace those services strategically and operationally.
2. **Operating Expenses:**
3. **Program Costs:** Most of the increases are due to:
 - a. Implementation of the TMDL
 - b. Implementation of the 2024-33 Comprehensive Plan
4. **Capital Equipment:**

IMPLICATIONS FOR RESOURCE/ORGANIZATION

The full implication is unknown at this time other than costs are going up and issues related to water quality and comprehensive water management need to be addressed now to prevent future skyrocketing of costs to the public.

CONCLUSIONS

Review and discuss.

QUESTIONS

Prepared Code 6/22/2023, 10:45

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Current	2024 Change	Request	Change 23-24
Professional Services									
63010 GIS Services	93,200	100,805	104,837	109,031	111,700	113,392	3,893	117,285	8%
63052 Anoka County	5,500	5,000	5,050	5,252	5,252	5,462	198,713	204,175	3788%
63052 Audit	10,858	11,500	11,960	12,438	13,264	12,936	992	13,927	12%
63066 IT Services	28,000	39,979	47,250	58,000	58,336	60,320	4,490	64,810	12%
63246 Engineering Services	488,224	155,620	718,279	143,758	121,000	149,508	(16,408)	133,100	-7%
63453 Legal Services	45,864	48,000	52,000	54,080	54,080	56,243	(541)	55,702	3%
Total Professional Services	671,646	360,904	939,376	382,559	363,632	397,861	191,138	589,000	54%

Due to increased costs for accounting services, payroll, benefit consulting and HR services
 Due to increased rates from prior, anticipating further increase
 Due to expected increase under the JPA with Metro i-Net

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Projected	Current	2024 Change	Request	Change 23-24
Operating Expenses									
61101 Small Equipment (furn/off/comp/misc)	1,414	47,641	23,505	20,020	18,020	20,821	16,382	37,203	86% Due to increase in small equipment and desks/workstations
61105 Cleaning & Janitorial supp	805	10,062	23,525	25,444	15,487	26,462	(10,240)	16,222	-36% Due to decrease in cleaning frequency and less supplies
61149 Gen'l Supplies (prim/gas/oil/ic/office)	9,043	7,427	19,814	21,471	19,031	22,330	(2,297)	20,033	-7%
61249 R&M Phone Hardware	-	68	3,000	3,150	2,350	3,276	174	3,450	10%
61250 R&M Buildings	37,015	15,925	12,205	15,166	15,666	15,773	6,639	22,412	48% Due to increase in building maintenance needs
61251 R&M Office Machine & Equip	2,991	685	1,046	3,388	4,000	3,732	2,168	5,900	64% Due to increase in equipment repair mostly for filters and sensors
61263 R&M Security	897	1,000	1,030	1,071	1,071	1,114	11	1,125	5%
61354 Training & Conferences-Board/other	250	198	2,352	2,000	500	2,080	(1,580)	500	-75% Due to decrease in anticipated board training needs
61355 Training & Conferences-Staff Dev	5,049	4,199	11,356	11,810	9,700	12,282	(1,662)	10,620	-10%
61475 Mileage	2,814	691	2,718	2,827	650	2,940	(2,257)	683	-76% Due to decrease in staff usage of personal vehicles for work needs
61476 Other Travel Exp, Parking	79	6	-	40	40	42	(2)	40	0%
61477 Meals & Lodging	2,501	949	2,000	1,750	1,950	1,820	1,145	2,965	69% Due to increase in staff development and CAC needs
61552 Bank Charges	411	556	732	761	732	791	8	799	5%
61557 Dues & Memberships	9,827	9,070	10,529	10,950	15,650	11,388	5,612	17,000	55% Due to increase in MAWA and League rates
61558 Advertising	4,003	-	1,574	1,637	1,637	1,702	(52)	1,650	1%
61559 Subscriptions & Publications	-	1,985	1,485	2,744	2,744	2,854	1,389	4,243	55% Due to increase in data fees for WQ equipment subscriptions
61575 Books & Software	9,008	7,765	7,765	19,398	19,398	20,174	(974)	19,200	-1%
62119 Web Site Server	800	960	889	1,000	1,000	1,040	955	1,995	100% Due to increase in costs to transition to new vendor for website hosting
62124 Leases & Rentals	19,251	6,078	5,594	5,818	5,818	6,051	(1,359)	4,692	-19% Due to decrease in lease costs due to re-leasing of current equipment
62225 Utilities-Heat/Natural Gas	1,743	1,821	2,405	2,501	2,501	2,601	25	2,626	5%
62226 Utilities-Electric	3,122	3,772	5,287	5,458	4,958	5,676	50	5,726	5%
62228 Utilities-Waste/Recycle Disposal	319	1,169	1,046	1,300	1,350	1,352	66	1,418	9%
62229 Phones	17,540	15,500	15,200	17,884	17,884	18,599	179	18,778	5%
62231 Postage	300	358	987	1,026	1,027	1,067	(92)	975	-5%
62273 Cable	-	5,956	7,005	7,285	7,285	7,576	73	7,649	5%
62370 Insurance-Liability	15,110	13,591	16,624	17,289	18,500	17,981	1,444	19,425	12% Due to increase in rates
62372 Insurance-Property	921	919	1,004	1,044	4,700	1,086	3,849	4,935	373% Due to increase in rates, particularly appraisal of building
62373 Insurance-Work Comp	6,009	6,364	5,228	5,437	5,437	5,654	54	5,709	5%
62374 Insurance-Vehicles	852	845	941	1,000	1,135	1,040	152	1,192	19% Due to increase in rates, added 4th vehicle
Total Operating Expenses	152,074	165,560	186,846	210,869	200,221	219,304	19,860	239,164	9%

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2024 Projected	Current	Change	2024 Request	Change
Program Costs									
65180 Facility Repairs & Improvements	-	-	30,000	10,000	10,000	10,000	-	10,000	0%
61549 Records Management	-	132,000	-	80,000	65,000	65,000	(65,000)	-	-100% Decrease due to expending all in current year
61148 Field Supplies-ADM	500	500	735	1,435	1,435	1,492	(742)	750	-48% Decrease in requested field supply needs
Admin Totals									
63246 Engineering	-	-	30,000	31,200	31,200	32,448	(2,448)	30,000	-4%
63595 Bank Repair & Stabilization	856,208	593,050	58,240	119,101	119,101	123,865	1,135	125,000	5%
61251 Ditch Repair & Maintenance	124,021	58,000	137,280	106,228	106,228	110,477	(10,477)	100,000	-6%
61549 Non Routine Maintenance	-	56,000	88,400	92,378	92,378	96,073	(73)	96,000	4%
61148 Field Supplies-O&M	1,000	600	4,625	1,817	1,817	1,890	(490)	1,400	-23% Decrease in requested field supply needs
O & M Totals									
63246 Boundary Adjustments	-	3,500	3,500	3,640	3,640	3,786	(786)	3,000	-18% Decrease due to majority of costs incurred in current year
63246 Comprehensive Plan	-	-	70,000	50,650	50,650	52,676	(2,676)	-	-100% Decrease due to carryover of current year funds
63246 Watershed Modeling Improvements	6,240	6,490	20,800	21,632	21,632	22,497	(786)	50,000	131% Increase in modeling costs based on estimates
63246 Aquatic Organism Passage Enhanc Ph 2	-	-	-	36,063	36,063	37,506	(786)	75,000	#DIV/0!
63246 Subwatershed Planning	-	-	-	36,063	36,063	37,506	(786)	75,000	108% Increase in subwatershed planning costs based on estimates
63246 Ditch 37 Plan Implementation	-	-	-	36,063	36,063	37,506	(786)	76,500	112% Increase in subwatershed planning costs based on estimates
63246 Ditch 39 Plan Implementation	-	-	-	36,063	36,063	37,506	(786)	76,500	112% Increase in subwatershed planning costs based on estimates
63246 Economic Water Resource Study	-	-	-	-	-	125,000	-	125,000	#DIV/0!
61549 MN Stormwater Research Council-Partner Funding	-	-	-	-	-	10,000	-	10,000	#DIV/0!
61549 Groundwater Study	-	-	-	-	-	5,000	-	5,000	#DIV/0!
63246 WBIF Subwatershed Plan	-	-	-	-	-	-	-	-	#DIV/0!
Planning Totals									
61549 Subwatershed Community Survey	23,750	24,050	26,000	27,170	27,170	28,257	(136)	28,393	5%
61549 Springbrook I&E Implementation	-	-	-	-	-	-	-	69,900	#DIV/0!
61549 Targeted Pleasure Cr I&E Implementation	-	-	-	-	-	-	-	19,900	#DIV/0!
61549 NKE Sand Creek Trail Audience Survey	-	-	-	-	-	-	-	15,000	#DIV/0!
61549 Creek/Ditch Signage	-	-	-	-	-	-	-	10,000	#DIV/0!
61549 Water Education Grants	850	4,250	3,745	3,700	3,700	3,848	19	3,867	5%
61549 Sponsorships	-	-	-	-	-	-	-	1,750	#DIV/0!
61549 Adopt-A-Drain	10,000	6,500	6,864	6,270	6,270	6,521	(521)	6,000	-4%
61549 Springbrook Pet Waste	7,435	17,500	18,000	24,685	24,685	25,672	(15,384)	20,288	-58% Decrease in number of stations to contract pick ups
61148 Field Supplies-PGA	1,103	2,444	6,614	2,910	2,910	3,026	(789)	3,815	31% Increase in requested field supply needs
PGR Totals									
61549 Lake Plan Implementation	1,215	2,776	2,887	4,525	4,525	4,706	(294)	5,000	10%
61549 Street Sweeping Testing	-	-	-	-	-	-	-	15,000	#DIV/0!
61549 Springbrook Cr Subwater Partner-led	-	-	-	-	-	-	-	90,000	#DIV/0!
61549 Pleasure Cr Subwater Partner-led	-	-	-	-	-	-	-	87,500	#DIV/0!
61549 Groundwater-Surface Water Chlorides Pilot	-	-	-	-	-	-	-	35,000	#DIV/0!
61549 Coniaminents of Emerging Concern	-	-	-	-	-	-	-	50,000	#DIV/0!
61549 Monitoring	89,113	96,400	99,746	104,235	104,235	108,404	2,085	110,489	6%
61549 Winer Chloride Monitoring	-	-	-	-	-	-	-	6,000	#DIV/0!
61549 WQ Cost Share	55,418	76,000	75,000	79,794	79,794	82,986	17,014	100,000	25% Increase in dollars for WQ cost share grants
61549 WQ Cost Share: Optimized St Sweep	-	-	-	-	-	-	-	100,000	#DIV/0!
61549 WQ Cost Share: TA Municipal Proj	-	-	-	-	-	-	-	15,000	#DIV/0!
61549 PC MNDot Pond Outlet Modification	-	-	-	-	-	-	-	21,000	#DIV/0!
61549 Springbrook Nature Center Outlet Mod	-	-	-	-	-	-	-	22,500	#DIV/0!
63595 CRD Reg Park Stream Corridor Resto	-	-	-	125,000	125,000	-	-	440,000	#DIV/0!
63595 Sand Creek AOP Crossing Enhanc @ Xeon	-	-	-	65,000	65,000	-	-	115,000	#DIV/0!
61148 Field Supplies-WQ	3,000	3,666	7,547	3,826	3,826	3,979	(1,413)	2,566	-33% Decrease in requested field supply needs
WQ Totals									
61549 AIS Rapid Response	3,092	-	5,000	20,000	20,000	20,000	-	20,000	0%
61549 Illicit Discharge Detection	590	800	850	869	869	904	(4)	900	4%
61549 Groundwater-Surface Water Dewatering Study	-	-	-	-	-	-	-	15,000	#DIV/0!
63246 Engineering	-	-	-	532,850	350,000	364,000	36,000	400,000	-25% Decrease in permit inspections for projects
61148 Field Supplies-WD	1,025	500	950	800	800	832	(332)	500	-38% Decrease in requested field supply needs
WD Totals									
Total Program Costs	1,184,560	3,294,712	2,710,827	2,404,419	2,196,554	1,285,856	1,393,661	2,679,517	11%

	2020 Actual	2021 Actual	2022 Actual	2023 Budget	2023 Projected	Current	2024 Change	Request	Change 23-24
Capital Costs									
65180 Keyless Entry-Rekey	-	-	-	-	-	-	-	20,900	
65180 Handicap Doors	-	-	-	-	-	-	-	11,100	
65180 Hex Pave	-	-	-	-	-	-	-	21,000	
65180 Rear Parking Paving	-	-	-	-	-	-	-	35,000	
65180 Parking Lot Netting	-	-	-	-	-	-	-	9,350	
65230 Portable Velocity/Depth Sensor	-	-	-	-	-	-	-	14,000	
65340 Training Tables & Chairs	-	-	-	-	-	-	-	16,000	
65390 Software-SageIntaact	-	-	-	-	-	-	-	14,358	
65390 Software-Website migration	-	-	-	-	-	-	-	15,000	
Total Capital Costs	56,000	43,095	75,700	31,395	31,395	31,395	125,313	156,708	399%