

## **BOARD MEETING AGENDA**

**Board Room**  
**Coon Creek Watershed District Offices**  
**Monday, July 24, 2023**  
**5:30 p.m.**

### **Board of Managers:**

Jim Hafner, President; (Vacant), 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**

#### **a. Coon Creek Watershed District Partner of Year 2022 Award Presentation**

### **4. Open Mic/Public Comment**

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

### **CONSENT ITEMS**

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

### **5. Approval of Minutes of July 10, 2023**

### **6. Approve Bills**

### **POLICY ITEMS -None**

### **PERMIT ITEMS**

### **7. Olson Residence**

### **8. Touchdown Tile**

### **DISCUSSION ITEMS**

### **9. Rough Draft 2024 Budget**

### **10. Stonybrook Creek Inspection Report**

### **INFORMATIONAL ITEMS**

### **11. Sunrise x Coon Creek Boundary Amendment (To be Distributed at Board Meeting)**

### **12. Article: "Clearer picture of watershed quality helps people put dollar values on Improvements"**

### **13. MAWD 2023 Request for Resolutions**

### **14. Article: Star Tribune 7-20-23 Drought Increases**

### **ADJOURN**



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

**MEETING DATE:** July 24, 2023  
**AGENDA NUMBER:** 3a  
**ITEM:** 2022 Partner of the Year presentation

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**AGENDA:** Policy

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**ACTION REQUESTED** None

**BACKGROUND**

The CCWD initiated a new Partner of the Year Award in 2021 to recognize outstanding leadership amongst our partner organizations/individuals and promote public relations in our community. Award nominees are generated from senior staff members.

The 2021 Award was presented to Mark Hansen, City Engineer of Coon Rapids, for his outstanding level of public service to his community and with CCWD staff.

The 2022 Award goes to local developer, Jeff Stalberger, of Ham Lake. His excellence in communications and compliance with CCWD Rules and Erosion and Sediment Control reduces staff time on inspections and follow up as well as protects our water resources.

Note: CCWD also nominated Jeff for the MN Erosion Control Association (MECA) Industry Leadership Award. Jeff won this award from MECA at a conference in January 2023, with the following submission:

Jeff deserves this recognition for his ongoing dedication to compliance with CCWD Rules and understanding of how the development process can affect water resources. CCWD staff has worked with Jeff Stalberger on numerous development projects. Jeff shows leadership by always promptly responding to any issues found during erosion control inspections. He contacts all the builders regarding erosion and sediment control issues and directs each builder to the issues relevant to their lots. This saves the builders time reading through reports where the majority of issues may not apply to them. Jeff also copies us on this correspondence, so CCWD staff are aware of who is responsible for addressing each issue.

Jeff is always respectful of the Coon Creek Watershed District, our Rules and our employees. He often responds to our inspection notices by giving us a brief update on the status of the project. This is incredibly helpful when our inspectors are unable to meet with him on site. Since inspectors cannot track all the activity happening on large development sites, it is difficult for inspection reports to be completely accurate -- particularly on requirements with a specific timeline. It is common for permittees to get upset in these cases, but this is avoided with Jeff's clear and consistent communication with CCWD staff.

Jeff is exemplary in his constant communication with us, his builders, and contractors. The result is excellent erosion and sediment control practices, thereby protecting our water resources.

**ISSUES/CONCERNS - None**

**RECOMMENDATION** – Award Jeff Stalberger the MECA Industry Leadership Award and CCWD 2022 Partner of the Year Award.



## **COON CREEK WATERSHED DISTRICT BOARD OF MANAGERS' MEETING**

The Board of Managers of the Coon Creek Watershed District held their regular meeting on, Monday, July 10, 2023, at the Coon Creek Watershed District Office.

**1. Call to Order:** The meeting was called to order at 5:30 PM

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

Board Member Absent: Mary Campbell

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

Staff Present via Zoom: Erin Edison, Jon Janke, and Abby Lee

Visitors in person: None

### **2. Approval of the Agenda:**

Administrator Kelly asked that the letter of resignation from Board Member Herbst be added to the Discussion Items as Item number 13.

Board Member Herbst made a motion to add Permit Review Item 9 – Andover Station Noodles and Permit Item 10– Steen Culvert Permit Reviews to the Consent Agenda and add item 13 to the Discussion Items. Seconded by Board Member McCullough. Motion carried with four yeas (Board Members James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

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

### **3. Announcements:**

Administrator Kelly reported that Board Member Herbst has submitted his letter of resignation from the Coon Creek Watershed District Board of Managers.

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

### **CONSENT ITEMS**

**5. Approval of Minutes – June 26, 2023**

**6. Receive Administrator's Report**

**7. Advisory Committee Report**

**8. Approval of Bills:** Claims totaling \$86,008.56 on the following disbursement(s) list will be issued and released upon Board approval.

July 10, 2023		
To	Amount	
A1 Carpet & Floor	1,076.25	
Anoka Conservation District	809.25	
Connexus Energy	251.37	
Dawn Doering	75.17	
Harper Street Woods LLC	1,108.35	<b>Escrow Return</b>
Lashinski Septic Services	400.00	
Metro iNet	121.00	
Plaudit Design	3,500.00	
Daniel Polacheck & Heying Rong	2,285.00	<b>Escrow Return</b>
RMB Environmental Labs	216.00	
Stantec	67,721.75	
US Bank	6,244.42	
Randy Wesp	2,200.00	
	<b>86,008.56</b>	<b>0.00</b>

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

**9. Andover Station Noodles Permit Review:** The purpose of this project is the construction of a new Noodles and Company restaurant and associated underground stormwater filtration system located at the NE Corner of Thrush Street NW and Bunker Lake Boulevard in Andover, Minnesota.

Staff recommendation was to Approve with three conditions and three 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 \$2,360.00.

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. SHSAM results indicate a 5' diameter, 5' sump for catch basin manhole ST-4. However, only a 4' sump is shown on the grading plan. Update grading plan to show a 5' sump for catch basin manhole ST-4.

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

1. Submittal of as-builts for the stormwater management practices and associated structures listed in Tables 2 and 3, including volume, critical

elevations and proof of installation for hydrodynamic separators.

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

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.

### **11. Steen Culvert Permit Review:**

The purpose of this project is to replace the existing 48" CMP driveway culvert with a 42" CMP culvert at existing elevations located in Section 27, Twp 32, Range 23, Quarter SW ¼, Ham Lake, Minnesota.

Staff recommendation was to Approve with two conditions and one stipulation as follows:

#### Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$2,005.00.

#### Soils and Erosion Control (Rule 4)

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

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

3. Submittal of as-built (invert, pipe material, pipe size) for culvert installation within County Ditch 59-11.

Board Member Hafner moved to approve the Consent Agenda Items, Seconded by Board Member Herbst. Motion carried with four yeas (Board Members James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

### **POLICY ITEMS – None**

### **PERMIT ITEMS**

These items were moved to the Consent Agenda.

### **DISCUSSION ITEMS**

### **12. Preliminary Rough Draft 2024 Budget**

Administrator presented the preliminary rough draft of the 2024 Operating Budget. He reported that the budget is presented in its entirety and is and will require discussion as the levy is larger than historically acceptable.

Board Member Hafner inquired on what figure is used to calculate the increase in tax to the public.

Mr. Kelly stated that it is dependent on the tax capacity for the district based on 2022 figures. He stated that the County figures that amount. He stated that in some situations the increase might be double what they are currently paying.

Board Member Parker inquired as to when to expect the next draft of the budget and stated that he would like to see what items could be taken out to better manage the increase.

Mr. Kelly stated that the next draft of the budget will be presented at the July 24, 2023, Board meeting. He reported that the first meeting in August will be the final draft.

### **13. Board Member Herbst Resignation**

Administrator Kelly reported that President Matt Herbst has submitted his letter of resignation from the Board of Managers effective immediately. He reported that he had informed the Anoka County Commissioners as well.

Mr. Kelly thanked Mr. Herbst for his service on the Board and wished him well in his endeavors. Mr. Kelly stated that a new President is required to be named and in the past, the current Vice President has moved into the President role.

Board Member Herbst reported that the Mr. Hafner is serving as the current Vice President. He recommended that the Board follow past procedure for the next President. He thanked the Coon Creek Watershed Staff and Board of Managers for his time on the Board.

Board Member Herbst made a motion to appoint Board Member Hafner to President of the Board of Managers. Seconded by Board Member McCollough. Motion carried with four yeas (Board Members James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

## **INFORMATIONAL ITEMS**

### **14. Open Meeting Law**

Attorney Ulrich provided the Board with a summary of the Open Meeting Law. She also reported on the recent amendment to the Open Meeting Law section 13D.02 (1) that now allows a public board member to participate remotely from a nonpublic location up to three times a year if the Board Member has been advised by a medical professional against being in a public place for personal or family medical reasons.

Board Member Hafner inquired if a Board Member were on vacation at a remote location, would it possible for the Board Member to attend the meeting.

Ms. Ulrich stated that the Board Member could attend remotely if it is at a location accessible to the public; the medical exception would only apply if the Board Member was advised by a medical professional against being in a public place for personal or family medical reasons.

**15. Star Tribune Article: Blaine Well Interference**

Administrator Kelly reviewed the recent Star Tribune article regarding the City of Blaine Well Interference issues.

**ADJOURN**

Board Member Parker moved to adjourn at 6:10 p.m. Seconded by Board Member McCullough. Motion carried with four yeas (Board Members James Hafner, Matthew Herbst, Dwight McCullough, and Patrick Parker) and no nays.

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President



## COON CREEK WATERSHED DISTRICT Request for Board Action

**MEETING DATE:** July 24, 2023  
**AGENDA NUMBER:** 6  
**ITEM:** Bills to Be Paid

**FISCAL IMPACT:** Budgeted  
**POLICY IMPACT:** Policy

### REQUEST

Approve bills

### BACKGROUND

Claims totaling \$291,172.91 on the following disbursement list will be issued and released upon Board approval.

July 24, 2023		
To	Amount	
Abdo LLP	24,295.50	
Anoka County	128,899.14	
Designing Earth Contracting Inc	1,380.68	<b>Escrow return</b>
Jacon LLC	58,422.23	
League of MN Cities	874.00	
Loffler	186.92	
Michelle Ulrich PA	5,456.75	
North Pine Aggregate Inc.	43,019.56	
Northern Natural Gas	2,594.50	<b>Escrow return</b>
Poop 911 of MSP	731.40	
Respec	8,976.25	
RMB Environmental	1,322.00	
US Geological Survey	4,135.50	
Chase Vanderbilt	17.23	
Well Groomed Lawns	986.25	
Randy Wesp	7,775.00	
YTS Companies LLC	2,100.00	
	<b>291,172.91</b>	<b>0.00</b>

delete before upload	Peid	Div	CheckID	RefDt	Ref	Desc	DistAmt	GIKey	GIObj	JlGr	JlKey	JLObj	Units	UnitPrice	RecvAddr Cd	DutyCd	Payment Fiscal Year
<b>VENDOR</b>	vendor #		invoice date	invoice #	description	DistAmt								unit rate	ServAddress		
ABDO LLP	247704	CCWD	CC	07/13/2023	473795	ANNL SUBSCRIPTION 6.30-10.29.24	14,358.00	8699560112	61549				1	14,358.00	RO	GEN	CHK 2023
ABDO LLP	247704	CCWD	CC	07/13/2023	473811	FIN SVCS IMPLINITIAL PYMT 25%	9,937.50	8699560112	63052				1	9,937.50	RO	GEN	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	95,537.06	8699560112	60110				1	95,537.06	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	39.00	8699560112	60260				1	39.00	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	6,990.15	8699560112	60716				1	6,990.15	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	7,165.32	8699560112	60717				1	7,165.32	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	14,396.00	8699560112	60714				1	14,396.00	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	3,544.44	8699560112	60713				1	3,544.44	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	37.08	8699560112	60715				1	37.08	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	663.52	8699560112	60720				1	663.52	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	129.90	8699560112	60721				1	129.90	RH	HOLD	CHK 2023
ANOKA COUNTY MN	129757	CCWD	CC	07/13/2023	CCWD-0623	SALARY/BENEFITS EXP-JUN 2023	416.67	8699560112	63052				1	416.67	RH	HOLD	CHK 2023
DESIGNING EARTH CONTRACTING INC	535306	CCWD	CC	07/24/2023	PAN 19-096	ESCROW REF- ISN PROPERTIES FARM	1,380.68	8600000041	25412				1	1,380.68	RO	GEN	CHK 2023
JACON LLC	543511	CCWD	CC	07/14/2023	PAY APP 5	PAY APP 5 PCIESF	58,422.23	8699560112	63595		86122102		1	58,422.23	RO	GEN	CHK 2023
LEAGUE OF MN CITIES	527765	CCWD	CC	07/18/2023	40002738 WC	ACCT40002738 WORK COMP AUDIT 2022-2023	874.00	8699560112	62373				1	874.00	RO	GEN	CHK 2023
LOFFLER COMPANIES INC	534135	CCWD	CC	07/01/2023	4405787	ACCT CC16 CCWD JUNE 23	186.92	8699560112	62124				1	186.92	RO	GEN	CHK 2023
MICHELLE J ULRICH PA	134647	CCWD	CC	07/03/2023	JUNE 2023	LEGAL-JUNE 2023	5,456.75	8699560112	63453				1	5,456.75	RO	GEN	CHK 2023
NORTH PINE AGGREGATE INC	135319	CCWD	CC	07/14/2023	PAY APP 2	PAY APP 2 ECIESF	43,019.56	8699560112	63595				1	43,019.56	RO	GEN	CHK 2023
NORTHERN NATURAL GAS	135345	CCWD	CC	07/24/2023	PAN 21-071	ESCROW REF-NL21 BLAINE TBS MODS	2,445.00	8600000041	25412				1	2,445.00	RO	GEN	CHK 2023
NORTHERN NATURAL GAS	135345	CCWD	CC	07/24/2023	PAN 21-071	REVIEW REF-NL21 BLAINE TBS MODS	149.50	8699560212	53191				1	149.50	RO	GEN	CHK 2023
POOP 911 OF MSP LLC	250897	CCWD	CC	07/01/2023	1034-166881	4 WEEKS CLEAN UP SERVICE JULY 23	540.60	8699560112	63595		86122201		1	540.60	RO	GEN	CHK 2023
POOP 911 OF MSP LLC	250897	CCWD	CC	07/01/2023	1034-166881	4 WEEKS CLEAN UP SERVICE JULY 23	190.80	8699560612	61549				1	190.80	RO	GEN	CHK 2023
RESPEC INC	212892	CCWD	CC	06/24/2023	INV-0623-142	PROJ 02734 GIS MTHLY SERVICES	8,976.25	8699560112	63010				1	8,976.25	RO	GEN	CHK 2023
RMB ENVIRONMENTAL LAB INC	228886	CCWD	CC	07/10/2023	8008901	WOB009301 STREAM MONITORING	1,053.00	8699560512	61549				1	1,053.00	RO	GEN	CHK 2023
RMB ENVIRONMENTAL LAB INC	228886	CCWD	CC	07/13/2023	8008943	WOB009343 STREAM MONITORING	269.00	8699560512	61549				1	269.00	RO	GEN	CHK 2023
US GEOLOGICAL SURVEY	202239	CCWD	CC	07/12/2023	91084768	CUST 600007418 2ND QTR 2023	4,135.50	8699560512	61549				1	4,135.50	RO	GEN	CHK 2023
CHASE VANDERBILT	244737	CCWD	CC	07/14/2023	REIMB JUL 23	REIMB JUL 23 MILEAGE	17.23	8699560512	61475				1	17.23	RO	GEN	CHK 2023
WELL GROOMED LAWNS INC	212895	CCWD	CC	06/30/2023	24438	CCWD IRRIGATION REPAIR-MOW-JUNE 2023	986.25	8699560112	61250				1	986.25	RO	GEN	CHK 2023
RANDY WESP	200790	CCWD	CC	07/10/2023	206	22 D R&M PAN 22-004 D39 REPAIR	7,775.00	8699560412	61251				1	7,775.00	RO	GEN	CHK 2023
YTS COMPANIES LLC	224140	CCWD	CC	06/30/2023	30876	22 D R&M PAN 22-008 D58 FORESTRY	2,100.00	8699560412	61251				1	2,100.00	RO	GEN	CHK 2023
							291,172.91							291,172.91			





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

**MEETING DATE:** July 24, 2023  
**AGENDA NUMBER:** 7  
**ITEM:** Olson Residence

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**AGENDA:** Permit

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**BACKGROUND/DISCUSSION**

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-056 Olson Residence.

**RECOMMENDATION**

To approve Permit Application Number P-23-056 with 2 conditions and 0 stipulations, as stated in the Application Review Report dated 7/21/2023.

**ATTACHED**

Application Review Report for Permit Application Number P-23-056





**PERMIT APPLICATION REVIEW REPORT**  
**DATE: 7/21/2023**

Applicant/Landowner:

Stone Creek Homes, Inc  
Attn: Thomas Herman  
12915 Vermillion Ct. Ne  
Blaine, MN 55449  
tkherman@comcast.net  
612-718-7566

Contact:

Same as applicant

Project Name: Olson Residence

Project PAN: P-23-056

Project Purpose: Construction of a single-family home

Project Location: 3426 Bunker Lake Blvd NE, Ham Lake

Site Size: size of parcel - 2.0 acres; size of disturbed area - 0.75 acres; size of existing impervious - 0.0; size of proposed impervious 0.35

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

Recommendation: Approve with 2 Conditions and 0 Stipulations

**Conditions to be Met Before Permit Issuance:**

Procedural Requirements (Rule 2.7)

1. Submittal of a performance escrow in the amount of \$2,375.00.

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 transported.
  - e. Update the site plan to indicate the locations of erosion and sediment control devices.

**Stipulations:** None

**Exhibits:**

Exhibit Type	Exhibit Author	Signature Date	Received Date
Site Plan	Bogart, Pederson & Associates, Inc.	12/05/2022	07/12/2023

**Findings:**

**Description:** The project is the construction of a single-family home on a 2-acre lot. Construction is currently under way. The project currently has erosion control devices on site. There are wetlands and floodplain on site, but no impacts are proposed. The site drains to a larger wetland complex to the south and towards County Ditch 59-5-A. The project is within the County Ditch 59 subwatershed.

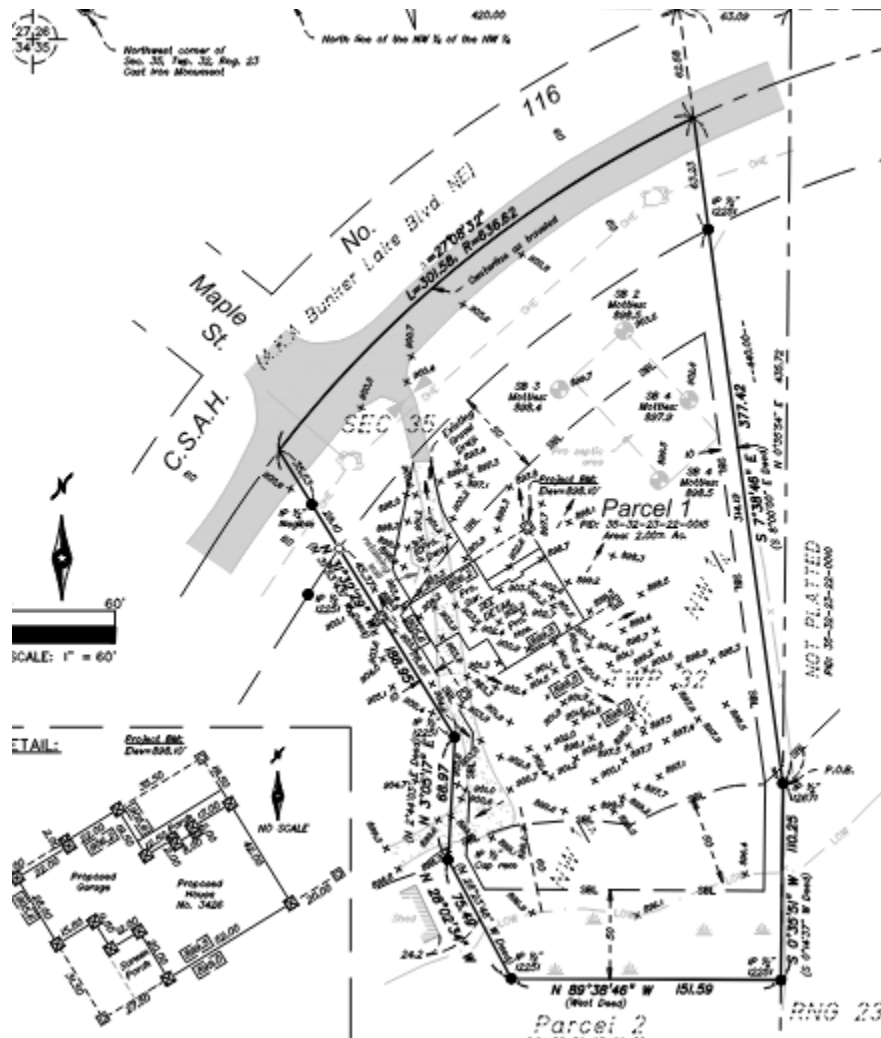


Figure 1. Site Plan

**Fees and Escrows (Rule 2.7):**

The applicant has submitted a \$760.00 application fee and deposit which corresponds with the nonrefundable application fee (\$10) and single-family home project type (\$750.00). The applicant will be required to submit a performance escrow in the amount of \$2,375.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acre of disturbance (0.75 acres of disturbance proposed).

**Stormwater Management (Rule 3.0):**

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

**Soils and Erosion Control (Rule 4.0)**

Rule 4.0 applies to the proposed project because it includes land disturbing activities of 10,000 square

feet or more and is within 300 feet of and drains to a waterbody.

The proposed project drains to County Ditch 59-5-A. The soils affected by the project include Zimmerman, Isanti, Rifle 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 erosion control plan does not meet District because the location of erosion control devices are not shown, soils and soil stockpiles are not proposed to be stabilized within 24 hours of inactivity, a detail for the erosion control devices has not been provided, and cleaning road surfaces where sediment has been transported by the end of each day has not been proposed.

**Wetlands (Rule 5.0)**

Wetlands exist on site, but no impacts are proposed. Wetlands have not been delineated.

**Floodplain (Rule 6.0)**

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

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

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

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

**Buffers (Rule 8.0)**

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

**Variances (Rule 10.2)**

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

P-23-056



7/14/2023

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

**MEETING DATE:** July 24, 2023  
**AGENDA NUMBER:** 8  
**ITEM:** Touchdown and Richards

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**AGENDA:** Permit

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**BACKGROUND/DISCUSSION**

The purpose of this agenda item is for the Board to review, discuss, and consider approving Permit Application Number P-23-038 Touchdown and Richards.

**RECOMMENDATION**

To approve Permit Application Number P-23-038 with 4 conditions and 3 stipulations, as stated in the Application Review Report dated 7/21/2023.

**ATTACHED**

Application Review Report for Permit Application Number P-23-038







**PERMIT APPLICATION REVIEW REPORT  
DATE: 7/21/2023**

Applicant/Landowner:

Touchdown and Richards LLC  
Attn: Erik Grams  
13837 Lincoln St NE  
HAM LAKE, MN 55304-6947  
erik@touchdowntile.com  
612-747-3605

Contact:

Widseth  
Attn: Frank Brodeen  
5368 266<sup>th</sup> St  
Wyoming, MN 55056  
Frank.brodeen@widseth.com  
651-358-2345

Project Name: Touchdown Tile

Project PAN: P-23-038

Project Purpose: Construction of an 84' x 100' pole barn style building, gravel driveway and parking and associated stormwater treatment features

Project Location: East side of Baltimore St NE, 15555 Hwy 65 NE, Ham Lake

Site Size: size of parcel - 2.88 acres; size of disturbed area - 1.07 acres; size of existing impervious - 0.51 acres; size of proposed new impervious – 0.47 acres

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

Recommendation: Approve with 4 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 \$2,535.00

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. Update construction plans to include a standard detail for the SAFL Baffle that is proposed to be installed in STMH-1

Erosion and Sediment Control (Rule 4)

4. After initial grading, surround the proposed filtration basins with erosion control measures to prevent the basin from clogging.

**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(s) 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.

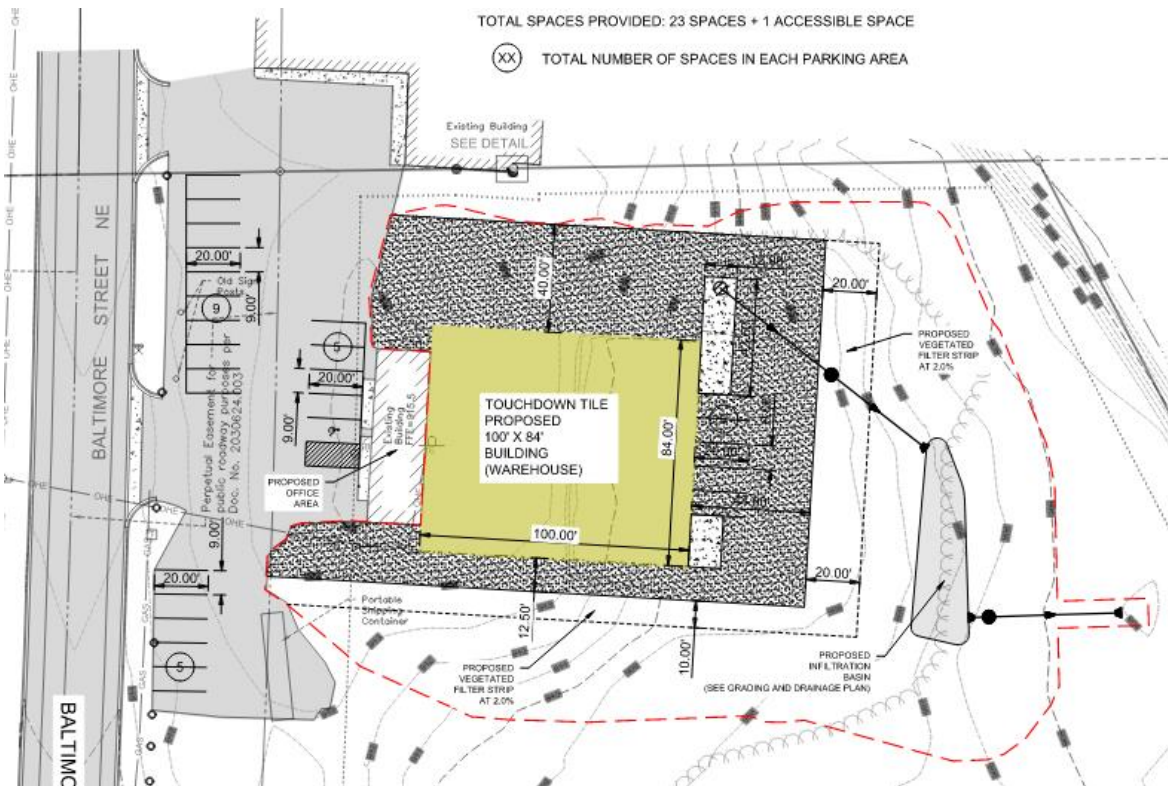
3. If dewatering is required, provide DNR dewatering permit prior to construction. If a DNR permit is not required, provide well-field location, rates, discharge location, schedule and quantities prior to construction.

**Exhibits:**

Exhibit Type	Exhibit Author	Signature Date	Received Date
Phase II Environmental Site Assessment	Brams Engineering	05/09/2023	07/10/2023
Building Plans	Becklin & Whitney	12/02/2022	06/21/2023
Construction Plans	Widseth	06/30/2023	07/10/2023
Hydraulic Design Summary Memo	Widseth	06/30/2023	07/10/2023

**Findings:**

**Description:** The project proposes to construct an 84' x 100' pole barn style addition to an existing business, gravel driveway and parking area. Stormwater will be treated via an infiltration basin. The parcel is 2.88 acres. There is 0.51 acres of existing impervious. The project will create 0.47 acres of new impervious and be required to treat this amount. The site drains east to a large wetland complex and towards County Ditch 59.



**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), Commercial/Industrial project of <10 acres (\$3,300.00). The applicant will be required to submit a performance escrow in the amount of \$2,535.00. This corresponds to a base escrow of \$2,000, plus an additional \$500 per acres of disturbance (1.07 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 1/2 classification to account for the impacts of grading on soil structure.

Rate Control: Peak stormwater flow rate at each point of site discharge 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	0.25	0	0.42	0.35	2.91	2.08
Offsite South	0	0	0.11	0.09	1.17	1.09

**Table 1.**

Volume Control: The application proposes redevelopment which does not disturb more than 50% of the site or reconstruct more than 50% of the existing impervious surface, therefore the volume reduction requirement is equal to 1.1 inches over the area of new and fully reconstructed impervious surface. The amount of proposed impervious required to be treated is 20,473 ft<sup>2</sup>.

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

Drainage Area	Impervious required to be treated (ft <sup>2</sup> )	Proposed SMP	TP Removal Factor	Required treatment volume (ft <sup>3</sup> )	Water Quality Volume Provided (ft <sup>3</sup> )
Infiltration Basin (S3)	20,473	Infiltration Basin	1	1,877	3,146

**Table 2.**

The following pretreatment has been provided:

SMP ID	Pretreatment Device/Method	Percent TSS Removal
Infiltration Basin	Vegetated filter strip	80
Infiltration Basin	Catch Basin Sump w/ SAFL Baffle	83.9

**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
Offsite East	100
Offsite South	80

**Table 4.**

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

Discharges to Wetlands: The wetland complex receiving discharge from the proposed project is approximately 15.5 acres. The static bounce for the 100-year design storm was calculated. With an increase in volume to the wetland of 0.048 acre-feet, the bounce for the 100-year storm is 0.003 feet which is negligible (below 0.05 feet). Because the bounce is negligible for the highest design storm and due to the size of the wetland, the standards for discharging into a wetland are considered met and the wetland is not required to be included in the HydroCAD model.

**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 911.5 ft MSL. The applicable 100-year high water level is at 907.61 ft MSL and the applicable emergency overflow is at 908 ft MSL. The freeboard requirement is met.

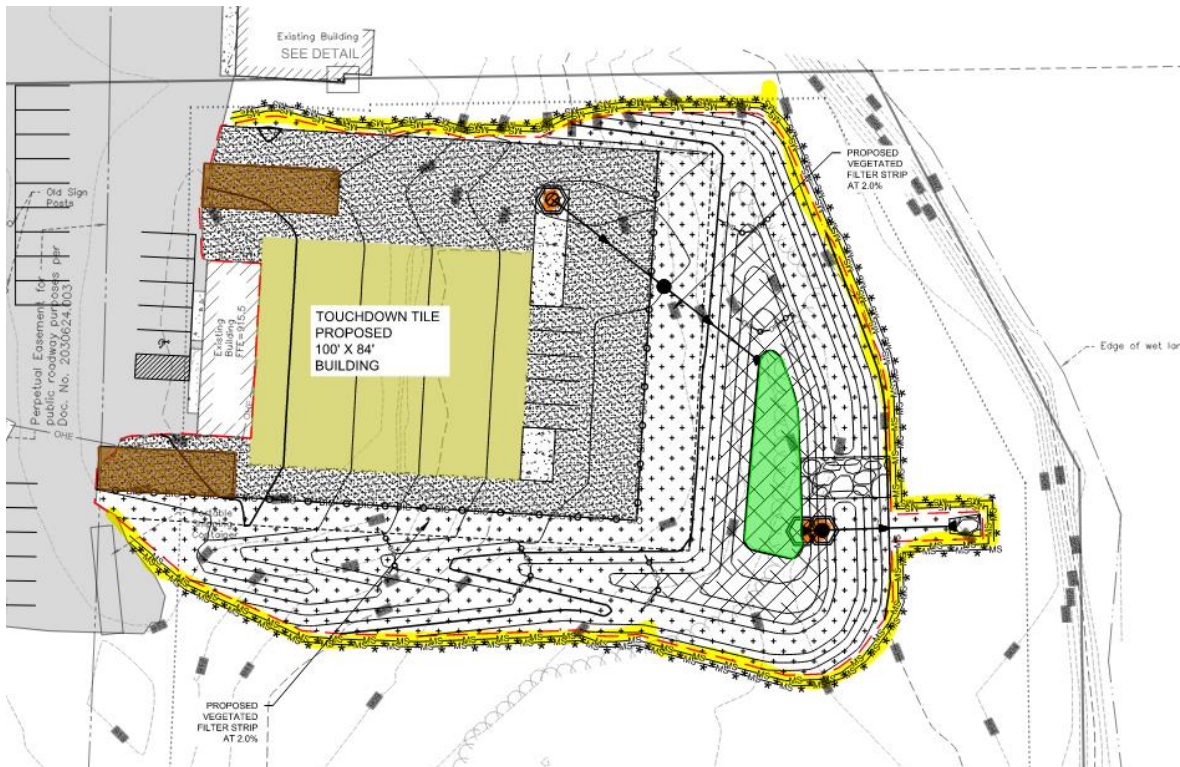
**Maintenance:**

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

**Soils and Erosion Control (Rule 4.0)**

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

The proposed project drains to a wetland complex and toward County Ditch 59. The soils affected by the project include Zimmerman. Disturbed areas are proposed to be stabilized within 7 days, as required. The proposed erosion and sediment control plan includes silt fence, bio roll, rock construction entrance, sweeping, inlet protection, rip rap and seeding. The erosion control plan does not meet District Requirements because the infiltration basin is not proposed to be surrounded by erosion control measures to prevent the basin from clogging.



**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)**

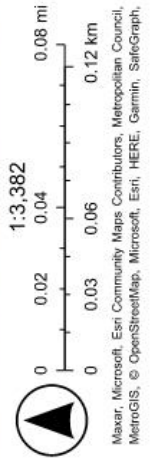
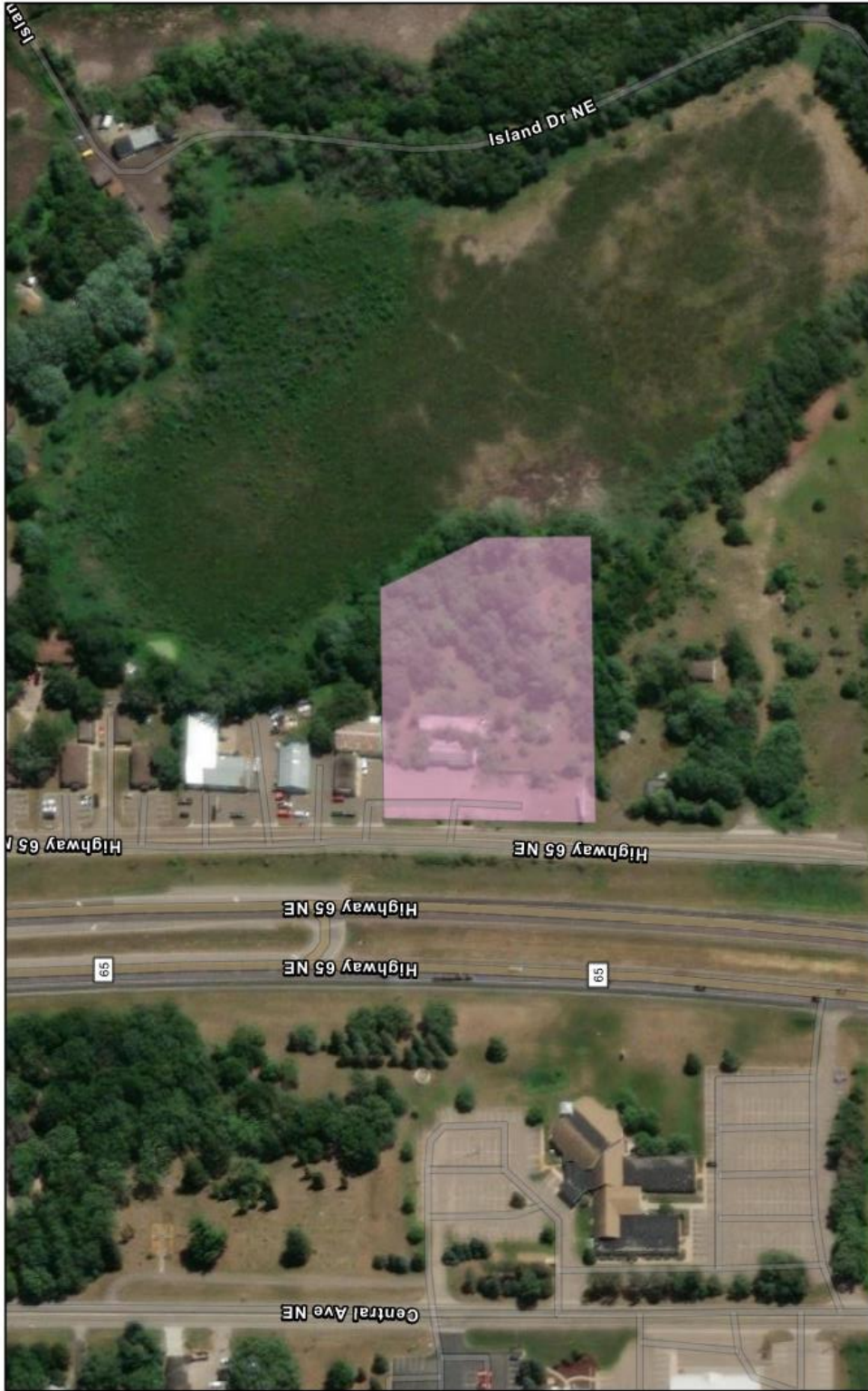
The proposed project does not include a land disturbing activity on land adjacent or directly contributing to a Public Water, Additional Waters, High or Outstanding Ecological Value Waters, a Public Ditch, or Impaired Waters/waters exceeding state water quality standards. Rule 8.0 does not apply.

**VariANCES (Rule 10.2)**

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



P-23-038



7/14/2023

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

**MEETING DATE:** July 24, 2023  
**AGENDA NUMBER:** 9  
**ITEM:** Preliminary Rough Draft 2024 Budget

**AGENDA:** Discussion

**ACTION REQUESTED**

1. Review, comment, and correct budget
2. Forward budget to Draft status for review at August 14 meeting for review by the Advisory committees

**PURPOSE AND SCOPE**

- 1) To review a preliminary rough draft of the 2024 operating budget

**BACKGROUND**

In March the Board adopted a calendar and process for developing the 2024 budget. The process involves three phases: analysis of the parts, fine tuning of the whole and review and adoption of the final.

Attached is the first draft of the entire budget and the start of phase 2 of the budget process: Fine Tuning.

Revenues	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Prelim	% Chg
<b>Fund Balance January 1</b>	<b>3,163,526</b>	<b>2,304,676</b>	<b>1,958,079</b>	<b>1,958,079</b>	<b>1,591,018</b>	
Property Tax	2,691,777	3,027,370	3,187,821	3,187,821	4,965,031	55.75%
Fees & Charges	422,716	253,820	530,203	530,203	298,423	
Grants	4,400	638,274	393,531	399,031	314,539	
Other Revenue	24,000	25,926	26,963	26,963	28,042	
Fund Balance Used	277,160	387,302	342,274	342,274	40,225	
	3,420,053	4,332,692	4,480,792	4,486,292	5,646,260	
<b>Total Funds Available</b>	<b>6,306,419</b>	<b>6,250,066</b>	<b>6,096,597</b>	<b>6,102,097</b>	<b>7,197,053</b>	
<b>Expenditures</b>						
Salaries & Benefits	1,764,932	1,499,948	1,772,946	1,772,946	1,981,605	
Professional Services	360,904	939,376	382,559	363,632	589,000	
Operating Expenses	165,860	188,296	217,582	204,221	239,164	
Program Costs	1,651,658	1,277,544	2,101,297	2,196,554	2,679,517	
Capital Costs	28,000	9,600	31,195	31,395	156,708	
	3,971,354	3,914,764	4,505,579	4,568,748	5,645,994	
<b>Fund Balance December 31</b>	<b>2,335,065</b>	<b>2,335,302</b>	<b>1,591,018</b>	<b>1,533,349</b>	<b>1,551,059</b>	
Rev - Exp	(551,301)	417,928	(24,787)	(82,456)	266	

## **ISSUES/CONCERNS/OPPORTUNITIES**

1. Initial Proposed Levy Amount: The levy increase used to balance the preliminary draft is 50%. Larger than what will be recommended or that the Board should consider for public relations as well as political reasons.
2. Inflation & Insurance Costs: The current rate of inflation is 8.6% and is eroding the beneficial effect of the 8.4% levy increase in 2023. In addition, insurance cost will be increasing by 20% in 2024.
3. Current Revenue & Expenditures Forecast: A review of the estimated current year expenditures and current year revenues are made as a part of the budget preparation procedures. Thus revised current year expenditure projections are as accurate a possible based on actual history and anticipated needs at the time of preparation for the remainder of the year.
4. Fund Balances:
  - a. There is a required minimum fund balance to ensure continuation of essential District operations for 6 months.
  - b. A review of the fund balances is made during the budget process. In light of and changes in legislative and administrative direction by the State of Minnesota, a substantial fund balance is recommended.
5. Contingency Funding: A contingency is made for a fund in total rather than for a specific program or activity since it is unlikely that an emergency or the unexpected will occur in each program. The one contingency appropriation can be used to meet various situations. The proposed budget provides for rather tight activity appropriation based on normal expenditure levels.

## **IMPLICATIONS**

The budget allows the District to maintain services and minimally address the water quality issues.

## **CONCLUSIONS**

Budget is preliminary and requires discussion

## **RECOMMENDATION**

Forward budget to Draft status for review at August 14 meeting for review by the Advisory committees



# Preliminary Rough Draft 2024 Budget

## REFERENCES

### Attachments:

- A. Legislative mandates
- B. Budget Guidelines
- C. Capital budget policy

### Budget Authorizations & Requirements:

M.S. 103D.911  
MR 8410.0105  
MR 8410.0150

### Budget Timeline:

When adopted, budget will fund District operations for the period of January 1, 2024, to December 31, 2024.

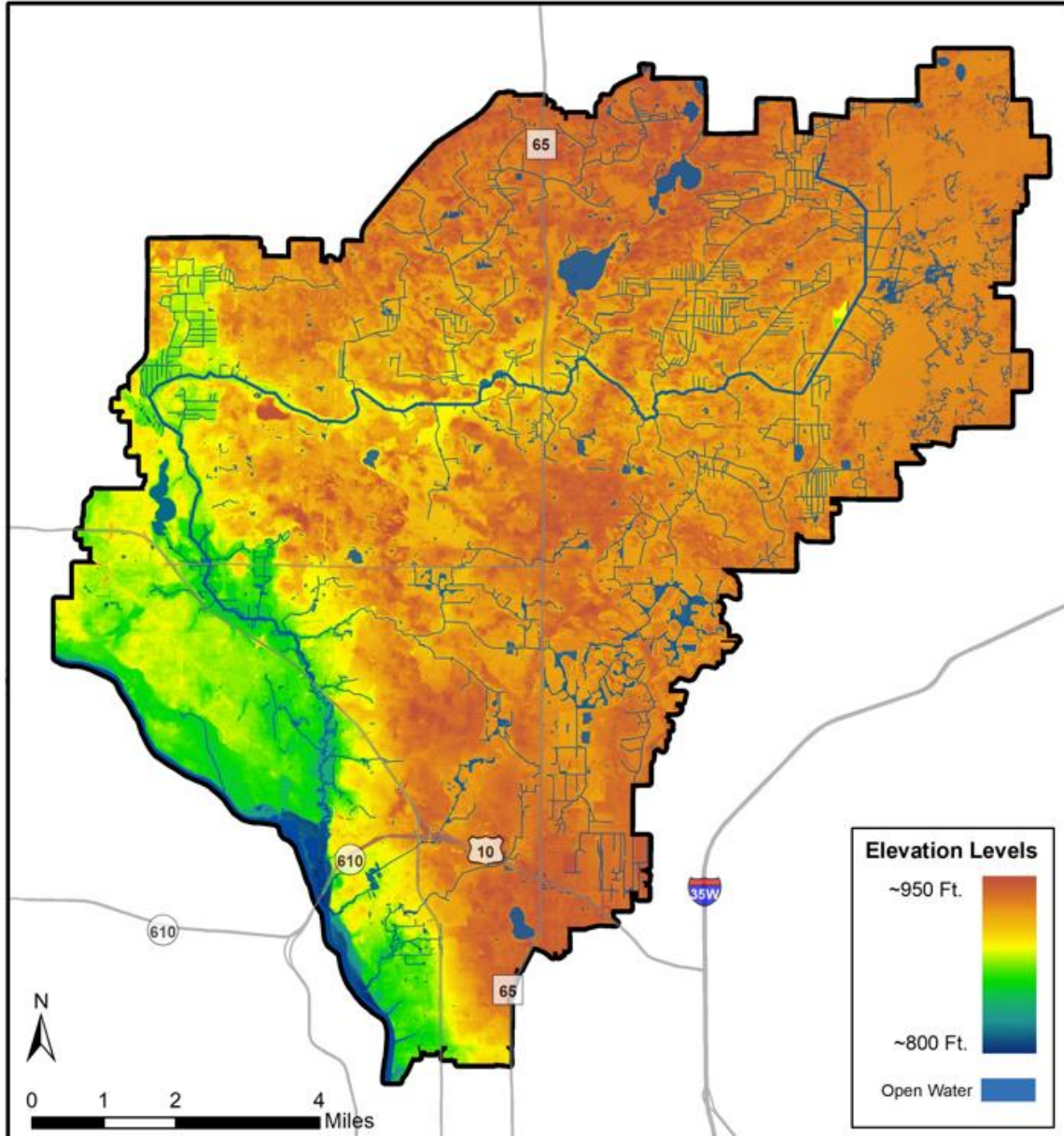
### Task Organization

Date	Task
3/13	Adopt Calendar
3/22	Rough Draft Revenue Estimates
3/22	2022-2026 Capital Improvement Plan Discussion
3/27	Board CIP priority discussion
3/27	Adopt Budget Guidelines
5/8	Initial Preliminary Draft Salary & Professional Services Budget
5/22	Initial Preliminary Rough Draft Operating Budget
6/12	Board review of CIP projects
6/12	DISTRICT TOUR
6/26	Board Review of proposed costs
7/10	Review and comment on Preliminary Rough Draft Budget
7/24	Review and comment on Preliminary Rough Draft Budget
8/14	Board approve Advisory Committee review of Draft Budget
8/28	Board approve Draft Budget for Public Review and Hearing
9/11	Public Hearing on 2024 Budget
9/11	Adopt 2024 Budget

# WATER MANAGEMENT SITUATION

## AREA OF INTEREST AND CONCERN

### District Topography



### District Precipitation: Occurrence and Return Frequency

	Return Frequency of Storm (yrs)							
	<u>1</u>	<u>2</u>	<u>5</u>	<u>10</u>	<u>25</u>	<u>50</u>	<u>100</u>	<u>200</u>
	Annual Probability							
<u>Storm Duration</u>	99%	50%	20%	10%	4%	2%	1%	0.5%
<u>5-min</u>	<u>0.4</u>	<u>0.4</u>	<u>0.5</u>	<u>0.6</u>	<u>0.8</u>	<u>0.9</u>	<u>1.0</u>	<u>1.1</u>
<u>10-min</u>	<u>0.5</u>	<u>0.6</u>	<u>0.8</u>	<u>0.9</u>	<u>1.1</u>	<u>1.3</u>	<u>1.4</u>	<u>1.6</u>
<u>15-min</u>	<u>0.6</u>	<u>0.7</u>	<u>0.9</u>	<u>1.1</u>	<u>1.3</u>	<u>1.5</u>	<u>1.7</u>	<u>1.9</u>
<u>30-min</u>	<u>0.9</u>	<u>1.1</u>	<u>1.4</u>	<u>1.6</u>	<u>1.9</u>	<u>2.2</u>	<u>2.5</u>	<u>2.8</u>
<u>60-min</u>	<u>1.2</u>	<u>1.4</u>	<u>1.8</u>	<u>2.1</u>	<u>2.6</u>	<u>3.0</u>	<u>3.4</u>	<u>3.9</u>
<u>2-hr</u>	<u>1.5</u>	<u>1.7</u>	<u>2.2</u>	<u>2.6</u>	<u>3.2</u>	<u>3.8</u>	<u>4.4</u>	<u>5.0</u>
<u>3-hr</u>	<u>1.6</u>	<u>1.9</u>	<u>2.4</u>	<u>2.9</u>	<u>3.6</u>	<u>4.3</u>	<u>5.1</u>	<u>5.9</u>
<u>6-hr</u>	<u>1.9</u>	<u>2.2</u>	<u>2.8</u>	<u>3.4</u>	<u>4.2</u>	<u>5.2</u>	<u>6.1</u>	<u>7.1</u>
<u>12-hr</u>	<u>2.2</u>	<u>2.5</u>	<u>3.2</u>	<u>3.9</u>	<u>4.9</u>	<u>5.8</u>	<u>6.8</u>	<u>8.0</u>
<u>24-hr</u>	<u>2.5</u>	<u>2.9</u>	<u>3.6</u>	<u>4.3</u>	<u>5.3</u>	<u>6.3</u>	<u>7.3</u>	<u>8.5</u>
<u>2-day</u>	<u>2.9</u>	<u>3.2</u>	<u>3.9</u>	<u>4.6</u>	<u>5.7</u>	<u>6.6</u>	<u>7.7</u>	<u>8.9</u>

~30-32 inches precip/yr

## **WATER & RELATED RESOURCE PROBLEMS, ISSUES AND CONCERNS**

### **Priority Issue and Concern**

#### Surficial Ground Water x Surface Water Interactions

This issue is composed of the very surface of the surficial ground water table which fluctuates vertically five to 10 feet per year due to root zone depth due to evapotranspiration rates. It also moves horizontally toward the Mississippi River at a rate of 3 to 12.5 feet per day. And is subject to dewatering for construction and appropriation for irrigation and domestic water use.

The surficial ground water in the District, often referred to as the water table is generally at the surface of the land or within 5 to 10 feet of the surface. It is part of an unconfined aquifer whose boundaries extend beyond the District. The aquifer is highly dynamic and fluctuates constantly both vertically and horizontally and in most areas of the District is between 250 and 300 feet deep.

Critical Capabilities: The surficial aquifer is the principal source of water for most lakes and wetlands in the watershed as well as base flows to the flowages supplying between 50% and 95% of the water to select resources. Two interrelated issues are intimately related to the surficial aquifer.

- 1) First, is a water quantity concern. Groundwater levels appear to be falling as evidenced by an increasing number of seasonally dry channels, the loss of wetlands and depressed lake level elevations. Certainly, compounded by the drought, the concerns looks to be exasperated and compounded by changes in precipitation, amounts and patterns and the subsurface drainage effect of the Mississippi River.
- 2) Second is a water quality concern. As a major contributor to base flows, the District has detected Chloride levels that exceed state standards, and which are contributing to the pollution of surface waters.

Critical Requirements: The sustained elevation of the surficial aquifer is largely dependent of the size, volume and head of other subsurface ground water that resides upgradient and precipitation the volume and rate of withdrawal across the area of concerns from temporary and permanent appropriations.

#### Critical Vulnerabilities:

Conceptually, the surficial aquifer is vulnerable to changes from the following

1. Recharge is a function of both the volume of rain and the rate at which precipitation falls. Short duration – high intensity rainfalls that have occurred with increasing frequency usually do not produce a lot of water and have a tendency to fall at a rate greater than the infiltration of most soils in the District. The result is increased runoff and ponding which is then lost to evaporation and evapotranspiration.
2. Local high volume and/or long duration dewatering or appropriation from the surficial aquifer that would create either large and/or overlapping cones of depression or a lowering of the water table

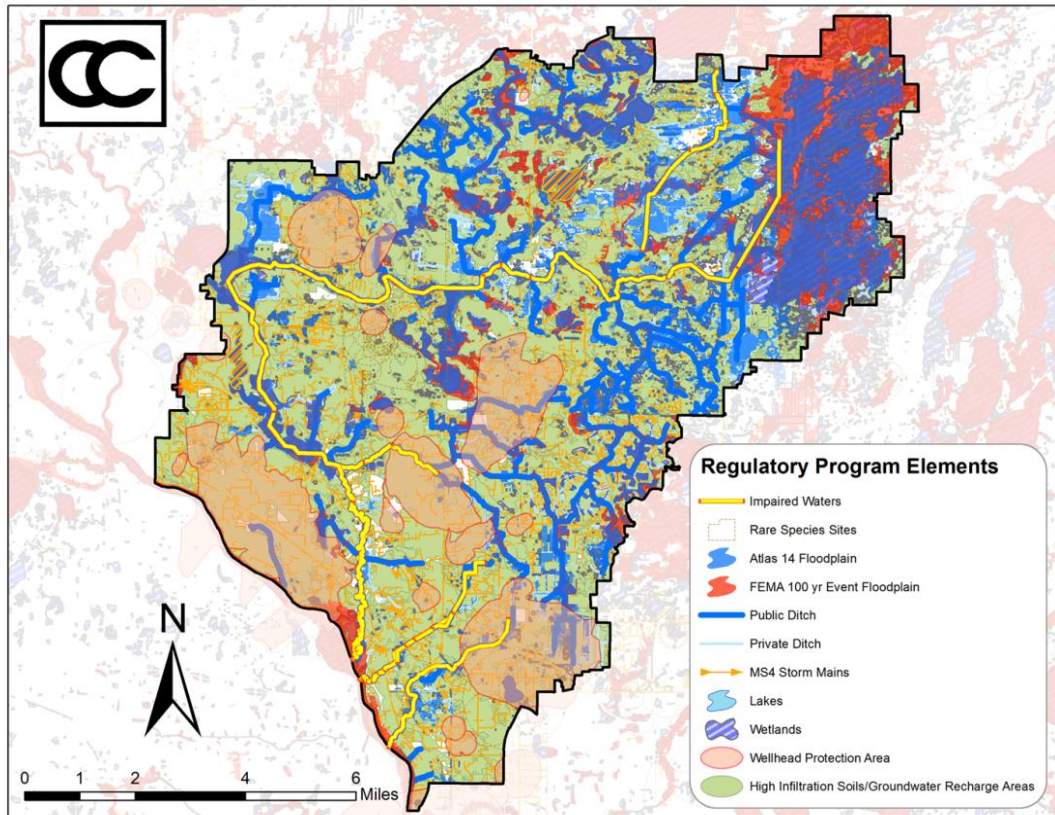
- High volume and/or long duration dewatering or appropriation upgradient and outside of the watershed adversely affecting the volume of water and head which in turn affects the amount and speed of recovery.

Factually, the surficial aquifer is vulnerable to pollution as a result of the sandy soils and accompanying high infiltration rates allowing water to easily infiltrate but unable to bond or otherwise tie up chemicals that find their way into surface waters.

### Operational Problems and Issues

Resource Feature or Factor	Size	Unit
Aquatic Invasive Species	13	Species
Floodplain	17,287	Acres
High Infiltration soils	542,445	Acres
Highly Erodible Soils	34,437	Acres
Impaired Waters (TMDLs)	46.1	Miles
Lakes	1,383	Acres
Municipal Wells	48	Wells
Public Ditches	135	Miles
Threatened & Endangered Species	39	Species
Well-Head Protection Areas	23	WHPAs
Wetlands	15,029	Acres

### Location of Problems, Issues and Concerns



<b>Water/Related Resource</b>	<b>Threat: Problem, Issue, Concern</b>	<b>Annual Probability of Occurrence</b>	<b>Estimated Potential Damages</b>
Aquatic Invasive Species	Interference with use of water resource; damage to public infrastructure, displacement of beneficial uses	100%	\$68,982,100
Flooding (7.3 in. in 24 Hrs)	Damage to property & infrastructure due to inundation or prolonged saturation	1%	\$4,396,409,500
Flooding (3.9 in. in 48 Hrs)	Damage to property & infrastructure due to inundation or prolonged saturation	20%	\$87,928,190
Flooding from High Ground Water	Lands with ground water less than 3 ft from surface	80%	\$1,173,003,000
Impaired Waters	Lands adjacent to waters not meeting state or Federal water quality standards	100%	\$ 478,462,800
Steep Slope Failure	Value of structures adjacent to slopes of $\geq 12\%$	4%	\$2,090,968,500
Wetlands	Lands containing wetlands shown on Wetland Inventory – loss of landscape function	98%	\$4,369,335,500



## COLLABORATOR & COOPERATOR EFFORTS

### Federal Situation

The 1987 amendments to the Clean Water Act (CWA) established the Section 319 Nonpoint Source Management Program. Section 319 addresses the need for greater federal leadership to help focus state and local nonpoint source efforts. Under Section 319, the District has received grant money that supports a wide variety of activities including technical assistance, financial assistance, education, training, technology transfer, demonstration projects and monitoring to assess the success of specific nonpoint source implementation projects. 319(h) (Small Watershed) funds are provided to designated agencies for total maximum daily load (TMDL) and implementation projects for watershed restoration and protection strategies (WRAPS).

Revenue Source	2019	2020	2021	2022	2023
Small Watershed Funds	217,548	319,072	23,942		32,071
	217,548	319,072	23,942	-	32,071

### State Situation

State grant funds, distributed through the Board of Water and Soil Resources (BWSR) for qualifying projects.

- Clean Water Grants: In 2008, Minnesota voters approved the Clean Water, Land & Legacy Amendment to protect drinking water sources; protect, enhance, and restore wetlands, prairies, forests, and fish, game, and wildlife habitat; preserve arts and cultural heritage; support parks and trails; and protect, enhance, and restore lakes, rivers, streams, and groundwater. The Amendment increased the sales and use tax rate by three-eighths of one percent on taxable sales, starting July 1, 2009, continuing through 2034. Those dollars are dedicated to four funds: Outdoor Heritage Fund, Clean Water Fund, Parks and Trails Fund, and Arts and Cultural Heritage Fund.
- Wetland Conservation Act Administration Grant: State grant funds, distributed through the Anoka Conservation District, to reimburse costs for administering the Wetland Conservation Act (WCA).

Revenue Source	2019	2020	2021	2022	2023
Clean Water Funds	533,482	424,726	416,689	500,777	357,460
Wetland Conservation Act Funds	4,400	4,400	4,400	4,400	4,400
	537,882	429,126	421,089	505,177	361,860

**Cities**

All Cities are required to address stormwater by the Metropolitan Council. MS4s are required to address storm water by the Minnesota Pollution Control Agency if they are an MS4. Not all of the cities within the District are MS4s.

	<b>% of city</b>	<b>% of District</b>	<b>% of District Tax Base</b>
Andover	42.5%	13.8%	13%
Blaine	64.9%	20.5%	34%
Columbus	22.9%	10.4%	0.00138%
Coon Rapids	100.0%	21.2%	36%
Fridley	23.0%	2.2%	4%
Ham Lake	90.2%	30.1%	11%
Spring Lake Park	71.1%	1.4%	2%

	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Budget</b>	
Andover	364,375	553,010	626,202	654,381	11%
Blaine	2,728,940	3,104,870	3,229,065	3,374,373	55%
Columbus					0%
Coon Rapids	1,509,221	1,664,975	1,854,889	1,938,359	32%
Fridley	603,599	210,526	31,800	33,231	1%
Ham Lake	23,769	19,177	16,750	17,504	0%
Spring Lake Park			97,500	101,888	2%
	5,229,904	5,552,558	5,856,206	6,119,735	



## INTERAGENCY, INTERGOVERNMENTAL & NONGOVERNMENTAL INVESTMENTS

### Subwatershed Funding

These funds come from MS4s and/or cities that contribute water and pollutants to select subwatersheds that have a completed plan. Priority subwatershed are drainage areas that drain to impaired waters and have an approve TMDL. To address TMDL as well as flooding issues, each MS4/City will pay the percent total cost calculated by the percent runoff originating from their jurisdiction. Each MS4 will decide on the source of funds to pay their share. Grants received for the reduction of loadings or to address flooding will be used to reduce the total balance owed by the MS4s. At present, Subwatershed Plans have been completed or are being completed for Oak Glen Creek, Springbrook Creek and Pleasure Creek

<b>Local Match</b>	<b>Knoll Creek (D39)</b>	<b>Oak Glen Creek</b>	<b>Pleasure Creek</b>	<b>Springbrook Creek</b>
Anoka County Highway	4%		13%	10%
Andover				
Blaine	73%			41%
Columbus			44%	
Coon Creek WD	7%	3%	9%	15%
Coon Rapids	16%		34%	13%
Fridley		97%		6%
Ham Lake				
Spring Lake Park				15%
	100%	100%	100%	100%

<b>Local Match</b>	<b>Knoll Creek (D39)</b>	<b>Oak Glen Creek</b>	<b>Pleasure Creek</b>	<b>Springbrook Creek</b>
Anoka County Highway	4%		13%	10%
Andover				
Blaine	73%			41%
Columbus			44%	
Coon Creek WD	7%	3%	9%	15%
Coon Rapids	16%		34%	13%
Fridley		97%		6%
Ham Lake				
Spring Lake Park				15%
	100%	100%	100%	100%

<b>Subwatershed</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Knoll Creek				
Oak Glen Creek				10,000
Pleasure Creek				
Springbrook Creek			50,800	53,340
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,800</b>	<b>\$ 63,340</b>

## CITIZEN CONSIDERATIONS

### Annual Tax Payment to District per Home Value

Per Home Value	2018	2019	2020	2021	2022
\$ 150,000	20.82	19.74	19.10	18.92	18.92
<b>\$ 200,000</b>	27.76	26.32	25.46	25.22	25.22
\$ 230,000	31.92	30.27	29.28	29.00	29.00
<b>\$ 255,861</b>	<b>35.51</b>	<b>33.67</b>	<b>32.57</b>	<b>32.26</b>	<b>32.26</b>
<b>\$ 300,000</b>	41.64	39.48	38.19	37.83	37.83
<b>\$ 400,000</b>	55.52	52.64	50.92	50.44	50.44
<b>\$ 500,000</b>	69.40	65.80	63.65	63.05	63.05

Combined with the city efforts, tax payers are paying an estimated \$20 to \$120 per year for water management efforts

## **2024 Goal**

To develop, justify and acquire the fiscal and human resources needed to carry out and execute the assigned legislative goals and to provide the District with the best mix of people, equipment, and support attainable for those resources.

## **IMPLEMENTATION**

### **Management Intent**

To mitigate existing and potential adverse impacts and to protect and restore those watershed-based conditions and processes that produce and provide beneficial uses through unified collaborative action.

### **Essential Tasks**

Drawn from the specified and implied tasks. The following tasks that must be performed for the District to accomplish mission, goals and objectives.

- 1) Organize and intervene: To organize program and collaborator staff and efforts to impact and conduct programs and activities to further the District's mission and/or achieve specific program or activity results.
- 2) Collect Information & Intelligence: To provide the information and intelligence required to accomplish program, project and activity objectives consistent with the District's mission.
- 3) Implement Capital Projects and Improvement: To implement direct and indirect projects to address, resolve and/or improve water management problems, issues and concerns.
- 4) Protect the Resource, Staff and the Public: To conserve the productive capacity and potential so that it can be used when needed.
- 5) Provide Program Logistics and Support: To provide money, material, authority and staff activities required to support and sustain program efforts and major projects within the watershed.
- 6) Provide Operational Leadership and Control: To exercise authority and authority over assigned fiscal, material and staff resources to accomplish specific goals and objectives that are consistent with the District's mission.

### **Effects**

The public should be safe, development can occur in a manner that allows the biogeochemical and hydrologic system to function and costs for maintenance and mitigation should remain relatively low.

- 1) Operations and maintenance should result in improved overall efficiency and effectiveness of the watershed's hydrologic structure and function. Effective maintenance practices can improve overall natural and hard asset effectiveness, condition and reliability.
- 2) Planning makes our programs and actions more efficient and effective by reducing the risk and uncertainty we face during implementation by facilitating common understanding and order to our actions. Planning also helps us use scarce or sensitive resources wisely and efficiently.
- 3) Citizen Engagement brings greater transparency, accountability, and social inclusion, thus improving development results.

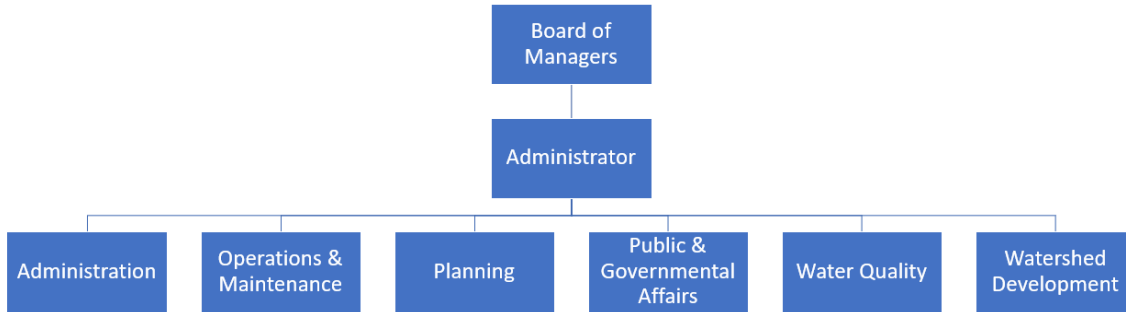
- 4) Water quality management protects human health and avoid the costs related to medical care, productivity loss, and even loss of life.
- 5) Reviewing and regulating development of the watershed provides an opportunity to recognize local externalities, mitigate peak flows and water volume, which heighten erosion potential and affect habitat and water quality.

**Preliminary Rough Draft 2024 Budget**

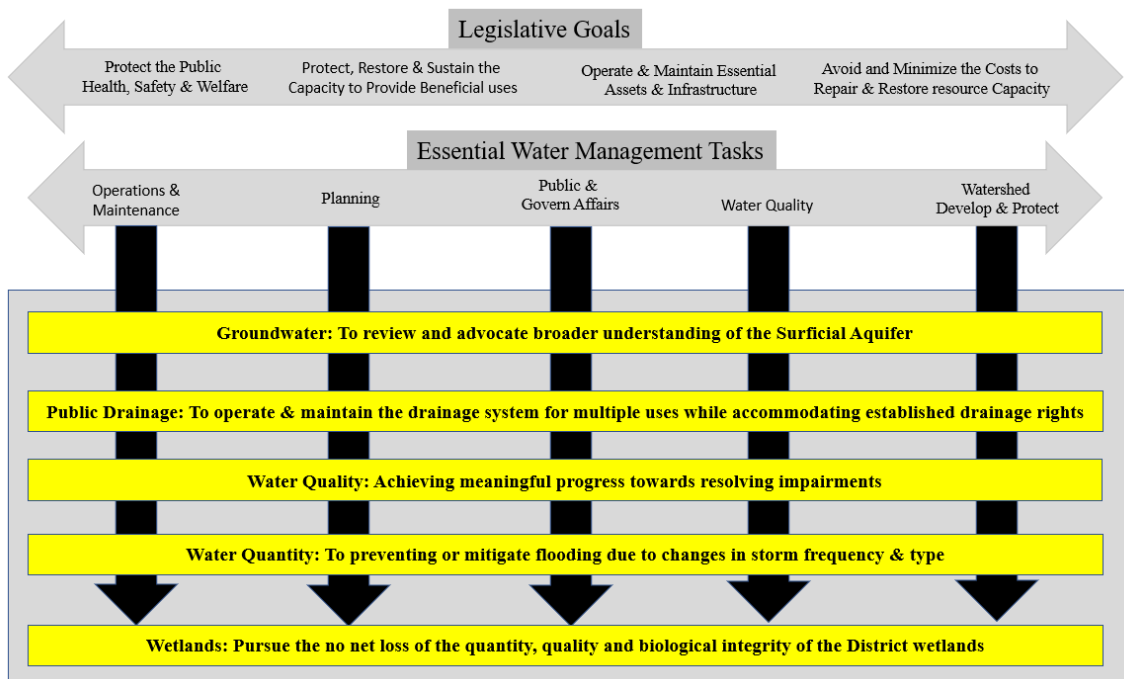
Revenues	2021 Actual	2022 Actual	2023 Budget	2023 Projected	2024 Prelim
<b>Fund Balance January 1</b>	<b>3,163,526</b>	<b>2,304,676</b>	<b>1,958,079</b>	<b>1,958,079</b>	<b>1,591,018</b>
Property Tax	2,691,777	3,027,370	3,187,821	3,187,821	4,965,031
Fees & Charges	422,716	253,820	530,203	530,203	298,423
Grants	4,400	638,274	393,531	399,031	314,539
Other Revenue	24,000	25,926	26,963	26,963	28,042
Fund Balance Used	277,160	387,302	342,274	342,274	40,225
	3,420,053	4,332,692	4,480,792	4,486,292	5,646,260
<b>Total Funds Available</b>	<b>6,306,419</b>	<b>6,250,066</b>	<b>6,096,597</b>	<b>6,102,097</b>	<b>7,197,053</b>
<b>Expenditures</b>					
Salaries & Benefits	1,764,932	1,499,948	1,772,946	1,772,946	1,981,605
Professional Services	360,904	939,376	382,559	363,632	589,000
Operating Expenses	165,860	188,296	217,582	204,221	239,164
Program Costs	1,651,658	1,277,544	2,101,297	2,196,554	2,679,517
Capital Costs	28,000	9,600	31,195	31,395	156,708
	3,971,354	3,914,764	4,505,579	4,568,748	5,645,994
<b>Fund Balance December 31</b>	<b>2,335,065</b>	<b>2,335,302</b>	<b>1,591,018</b>	<b>1,533,349</b>	<b>1,551,059</b>
Rev - Exp	(551,301)	417,928	(24,787)	(82,456)	266

## Organization and Interventions

### Operating Programs



### Lines of Effort



### Information Activities

The various products of the budget process are presented to the Board of Managers and staff on an on-going basis. The Advisory Committees monthly, individual stakeholders and collaborators as needed and will be the subject of a public review and hearing at the end of August and beginning of September

### Risks

Several risks are associated with the budget planning process

- 1) Accuracy of forecasts for both revenue & costs

- 2) Inflation: The current rate of inflation is 8.6% and is eroding the beneficial effect of the 8.4% levy increase in 2024.



## Proposed Revenues

Code	Prepared 7/20/2023 10:52	2020	2021	2022	2023		2024	Change	Request	Change 23-24
		Actual	Actual	Actual	Budget	Projected	Current			
	<b>Property Taxes</b>									
41101	Administrative Levy									
41102	Insurance Levy									
41103	MWMA Levy	2,577,244	2,691,777	3,027,370	3,187,821	3,187,821	3,187,821	1,777,210	4,965,031	55.75%
41104	Survey & Data Levy									
41105	Maintenance Levy									
	<b>Total Property Taxes</b>	<b>2,577,244</b>	<b>2,691,777</b>	<b>3,027,370</b>	<b>3,187,821</b>	<b>3,187,821</b>	<b>3,187,821</b>	<b>1,777,210</b>	<b>4,965,031</b>	<b>55.75%</b>
	<b>Fees &amp; Charges</b>									
52226	Application Fees	1,530	1,750	1,820	1,850	1,850	1,850	(1,000)	850	-54%
53191	Review & Inspect Fees	262,500	420,966	252,000	550,368	528,353	550,368	(252,795)	297,573	-46%
	<b>Total Fees</b>	<b>264,030</b>	<b>422,716</b>	<b>253,820</b>	<b>552,218</b>	<b>530,203</b>	<b>552,218</b>	<b>(253,795)</b>	<b>298,423</b>	<b>-46%</b>
	<b>Grants</b>									
55407	BWSR CWF Grant	-	0	38277	-	-	86,551	-	86,551	#DIV/0!
55190	DNR/FEMA Grant	-	-	-	-	-	-	-	-	#DIV/0!
55190	EPA 319 Grant	-	-	21,000	-	-	-	-	-	#DIV/0!
55190	Pet Waste 319 Grant	-	-	-	-	-	23,135	-	23,135	#DIV/0!
55190	NKE Plan Impl 319 Grant	-	-	-	32,071	32,071	160,353	-	160,353	400%
55407	CCPSR CWF Grant	-	-	197,500	39,500	39,500	-	-	-	-100%
55407	Aurelia Park CWF Grant	-	-	31,017	38,771	38,771	-	-	-	-100%
55407	PCSIESF CWF Grant	-	-	132,000	33,000	33,000	-	-	-	-100%
55407	ECIESF CWF Grant	-	-	172,500	138,000	138,000	34,500	-	34,500	-75%
55407	WBIF 41,60,57 Sub Plan	-	-	41,580	108,189	108,189	-	-	-	-100%
55407	WCA Admin	4,400	4,400	9,224	4,000	9,500	9,500	500	10,000	150%
	<b>Total Grants</b>	<b>4,400</b>	<b>4,400</b>	<b>643,098</b>	<b>393,531</b>	<b>399,031</b>	<b>314,039</b>	<b>500</b>	<b>314,539</b>	<b>-20%</b>
	<b>Other Revenue</b>									
56101	Interest Income	24,000	24,000	25,926	26,963	26,963	26,963	1,079	28,042	4%
	<b>Fund Balances &amp; Other</b>									
	Building	-	-	-	-	-	-	-	-	
	AIS Rapid Response	40,000	40,000	40,000	40,000	40,000	40,000	-	40,000	0%
	Illicit Discharge Detection	230	225	225	225	225	225	-	225	0%
	Fund Equity Balance	40,225	236,935	347,077	302,049	302,049	-	-	-	-100%
	<b>Ditch Fund Balances</b>									
	Ditch 54	-	0	0	-	-	-	-	-	
	Other Fund Balances	-	-	-	-	-	-	-	-	
	<b>Total Fund Balances</b>	<b>80,455</b>	<b>277,160</b>	<b>387,302</b>	<b>342,274</b>	<b>342,274</b>	<b>40,225</b>	<b>-</b>	<b>40,225</b>	
	<b>TOTAL REVENUE</b>	<b>2,950,129</b>	<b>3,420,053</b>	<b>4,337,516</b>	<b>4,502,807</b>	<b>4,486,292</b>	<b>4,121,266</b>	<b>1,524,994</b>	<b>5,646,260</b>	<b>25%</b>

**Notes:**

1. Initial Proposed Levy Amount: The levy increase used to balance the preliminary draft is 50%. Larger than what will be recommended or that the Board should consider for public relations as well as political reasons.

## Salaries & Benefits

Prepared Code	7/6/2023 9:23	2020	2021	2022	2023		2024		Change Request	Change 23-24
		Actual	Actual	Actual	Budget	Projected	Current	Change		
<b>Salaries &amp; Benefits</b>										
60110	Salaries	\$ 776,794	\$ 1,333,723	1,164,379	1,330,378	1,330,378	1,390,245	58,749	<b>1,448,994</b>	
60260	Temporary Salaries-Students	\$ 16,500	\$ 17,952	17,129	-	-	-	39,000	<b>39,000</b>	
60713	HRA Payment	\$ 14,887	\$ 8,215	6,762	14,466	14,466	15,117	-	<b>15,117</b>	
60714	Health Insurance	\$ 66,945	\$ 182,383	121,640	208,094	208,094	217,458	17,562	<b>235,020</b>	
60715	Life Insurance	\$ 384	\$ 559	300	512	512	535	(9)	<b>526</b>	
60716	Social Security (FICA)	\$ 59,425	\$ 101,372	89,075	102,845	102,845	107,473	7,200	<b>114,673</b>	
60717	Retirement (PERA)	\$ 56,318	\$ 100,769	84,418	96,674	96,674	101,024	6,856	<b>107,880</b>	
60720	Dental Insurance	\$ 5,059	\$ 7,805	5,580	7,605	7,605	7,947	(342)	<b>7,605</b>	
60721	LTD Insurance	\$ 1,152	\$ 2,104	1,048	1,422	1,422	1,486	304	<b>1,790</b>	
60855	Board & Advisory Expenses	\$ 10,275	\$ 10,050	9,617	10,950	10,950	11,443	(443)	<b>11,000</b>	
<b>Total Salaries &amp; Benefits</b>		<b>1,007,739</b>	<b>1,764,932</b>	<b>1,499,948</b>	<b>1,772,946</b>	<b>1,772,946</b>	<b>1,852,729</b>	<b>128,877</b>	<b>1,981,605</b>	<b>12%</b>

## Professional Services

Prepared Code	7/6/2023 9:45	2020	2021	2022	2023		2024		Change Request	Change 23-24
		Actual	Actual	Actual	Budget	Projected	Current	Change		
<b>Professional Services</b>										
63010	GIS Services	93,200	100,805	104,837	109,031	111,700	113,392	3,893	<b>117,285</b>	8%
63052	Anoka County	5,500	5,000	5,050	5,252	5,252	5,462	198,713	<b>204,175</b>	3788%
63052	Audit	10,858	11,500	11,960	12,438	13,264	12,936	992	<b>13,927</b>	12%
63066	IT Services	28,000	39,979	47,250	58,000	58,336	60,320	4,490	<b>64,810</b>	12%
63246	Engineering Services	488,224	155,620	718,279	143,758	121,000	149,508	(16,408)	<b>133,100</b>	-7%
63453	Legal Services	45,864	48,000	52,000	54,080	54,080	56,243	(541)	<b>55,702</b>	3%
<b>Total Professional Services</b>		<b>671,646</b>	<b>360,904</b>	<b>939,376</b>	<b>382,559</b>	<b>363,632</b>	<b>397,861</b>	<b>191,138</b>	<b>589,000</b>	<b>54%</b>

## Operating Costs

Prepared Code	7/6/2023 9:47	2020	2021	2022	2023		2024		Change	
		Actual	Actual	Actual	Budget	Projected	Current	Change	Request	23-24
<b>Operating Expenses</b>										
61101	Small Equipment (furn/off/comp/misc)	1,414	47641	23505	20,020	18,020	20,821	16,382	37,203	86%
61105	Cleaning & Janitorial supp	805	10,062	23,525	25,444	15,487	26,462	(10,240)	16,222	-36%
61149	Gen'l Supplies (print/gas/oil/lic/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	19,666	15,773	6,639	22,412	48%
61251	R&M Office Machine & Equip	2,991	685	1,046	3,588	4,000	3,732	2,168	5,900	64%
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%
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%
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%
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%
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%
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%
62124	Leases & Rentals	19,251	6,078	5,594	5,818	5,818	6,051	(1,359)	4,692	-19%
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%
62372	Insurance-Property	921	919	1,004	1,044	4,700	1,086	3,849	4,935	373%
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%
<b>Total Operating Expenses</b>		<b>152,074</b>	<b>165,560</b>	<b>186,846</b>	<b>210,869</b>	<b>204,221</b>	<b>219,304</b>	<b>19,860</b>	<b>239,164</b>	<b>9%</b>

## Program Costs

### Administration

Prepared Code	7/6/2023 9:49	2020	2021	2022	2023		2024		Change	
		Actual	Actual	Actual	Budget	Projected	Current	Change	Request	23-24
<b>Program Costs</b>										
65180	Facility Repairs & Improvements	-	-	30,000	10,000	10,000	10,000	-	10,000	
61549	Records Management	-	132,000	-	80,000	65,000	65,000	(65,000)	-	
61148	Field Supplies-ADM	500	500	735	1,435	1,435	1,492	(742)	750	

### Operations & Maintenance

Prepared Code	7/6/2023 9:52	2020	2021	2022	2023		2024		Change	
		Actual	Actual	Actual	Budget	Projected	Current	Change	Request	23-24
<b>Program Costs</b>										
63246	Engineering	-	-	30,000	31,200	31,200	32,448	(2,448)	30,000	
63595	Bank Repair & Stabilization	856,208	593,050	58,240	119,101	119,101	123,865	1,135	125,000	
61251	Ditch Repair & Maintenance	124,021	58,000	137,280	106,228	106,228	110,477	(10,477)	100,000	
61549	Non Routine Maintenance	-	56,000	88,400	92,378	92,378	96,073	(73)	96,000	
61148	Field Supplies-O&M	1,000	600	4,625	1,817	1,817	1,890	(490)	1,400	

**Planning**

Prepared Code	7/6/2023 9:54	2020	2021	2022	2023		2024		Change 23-24
		Actual	Actual	Actual	Budget	Projected	Current	Change	
<b>Program Costs</b>									
63246	Boundary Adjustments	-	3,500	3,500	3,640	3,640	3,786	(786)	3,000
63246	Comprehensive Plan	-	-	70,000	50,650	50,650	52,676	(52,676)	-
63246	Watershed Modeling Improvements	6,240	6,490	20,800	21,632	21,632	22,497	27,503	50,000
63246	Aquatic Organism Passage Enhanc Ph 2	-	-	-	-	-	-	75,000	75,000
63246	Subwatershed Planning	-	-	-	36,063	36,063	37,506	37,494	75,000
63246	Ditch 37 Plan Implementation	-	-	-	36,063	36,063	37,506	38,994	76,500
63246	Ditch 39 Plan Implementation	-	-	-	36,063	36,063	37,506	38,994	76,500
63246	Economic Water Resource Study	-	-	-	-	-	-	125,000	125,000
61549	MN Stormwater Research Council-Partner Funding	-	-	-	-	-	-	10,000	10,000
61549	Groundwater Study	-	-	-	-	-	-	5,000	5,000
63246	WBIF Subwatershed Plan	-	-	-	-	-	-	-	-

**Public and Governmental Affairs**

Prepared Code	7/6/2023 9:55	2020	2021	2022	2023		2024		Change 23-24
		Actual	Actual	Actual	Budget	Projected	Current	Change	
<b>Program Costs</b>									
61549	Subwatershed Community Survey	23,750	24,050	26,000	27,170	27,170	28,257	136	28,393
61549	Springbrook I&E Implementation	-	-	-	-	-	-	69,900	69,900
61549	Targeted Pleasure Cr I&E Implementation	-	-	-	-	-	-	19,900	19,900
61549	NKE Sand Creek Trail Audience Survey	-	-	-	-	-	-	15,000	15,000
61549	Creek/Ditch Signage	-	-	-	-	-	-	10,000	10,000
61549	Water Education Grants	850	4,250	3,745	3,700	3,700	3,848	19	3,867
61549	Sponsorships	-	-	-	-	-	-	1,750	1,750
61549	Adopt-A-Drain	10,000	6,500	6,864	6,270	6,270	6,521	(521)	6,000
61549	Springbrook Pet Waste	7,435	17,500	18,000	24,685	24,685	25,672	(15,384)	10,288
61148	Field Supplies-PGA	1,103	2,444	6,614	2,910	2,910	3,026	789	3,815

**Water Quality**

Prepared Code	7/6/2023 9:57	2020	2021	2022	2023		2024		Change 23-24	
		Actual	Actual	Actual	Budget	Projected	Current	Change		
<b>Program Costs</b>										
61549	Lake Plan Implementation	1,215	2,776	2,887	4,525	4,525	4,706	294	5,000	
61549	Street Sweeping Testing	-	-	-	-	-	-	15,000	15,000	
61549	Springbrook Cr Subwater Partner-led	-	-	-	-	-	-	90,000	90,000	
61549	Pleasure Cr Subwater Partner-led	-	-	-	-	-	-	87,500	87,500	
61549	Groundwater-Surface Water Chlorides Pilot	-	-	-	-	-	-	35,000	35,000	
61549	Contaminants of Emerging Concern	-	-	-	-	-	-	50,000	50,000	
61549	Monitoring	89,113	96,400	99,746	104,235	104,235	108,404	2,085	110,489	
61549	Winer Chloride Monitoring	-	-	-	-	-	-	6,000	6,000	
61549	WQ Cost Share	55,418	76,000	75,000	79,794	79,794	82,986	17,014	100,000	
61549	WQ Cost Share: Optimized St Sweep	-	-	-	-	-	-	100,000	100,000	
61549	WQ Cost Share: TA Municipal Proj	-	-	-	-	-	-	15,000	15,000	
61549	PC MNDot Pond Outlet Modification	-	-	-	-	-	-	21,000	21,000	
61549	Springbrook Nature Center Outlet Mod	-	-	-	-	-	-	22,500	22,500	
63595	CRD Reg Park Stream Corridor Resto	-	-	-	-	125,000	-	440,000	440,000	
63595	Sand Creek AOP Crossing Ehanc @ Xeon	-	-	-	-	65,000	-	115,000	115,000	
61148	Field Supplies-WQ	3,000	3,666	7,547	3,826	3,826	3,979	(1,413)	2,566	
61549	AIS Rapid Response	3,092	-	5,000	20,000	20,000	20,000	-	20,000	
61549	Illicit Discharge Detection	590	800	850	869	869	904	(4)	900	
61549	Groundwater-Surface Water Dewatering Study	-	-	-	-	-	-	15,000	15,000	
63246	Engineering	-	-	-	532,850	350,000	364,000	36,000	400,000	
61148	Field Supplies-WD	1,025	500	950	800	800	832	(332)	500	
<b>Total Program Costs</b>		<b>1,184,560</b>	<b>3,294,712</b>	<b>2,710,827</b>	<b>2,404,419</b>	<b>2,196,554</b>	<b>1,285,856</b>	<b>1,393,661</b>	<b>2,679,517</b>	<b>11%</b>

## Capital Equipment

Prepared	2020	2021	2022	2023		2024		Change	
Code	Actual	Actual	Actual	Budget	Projected	Current	Change	Request	23-24
<b>Capital Costs</b>									
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	
<b>Total Capital Costs</b>	<b>56,000</b>	<b>43,095</b>	<b>75,700</b>	<b>31,395</b>	<b>31,395</b>	<b>31,395</b>	<b>125,313</b>	<b>156,708</b>	<b>399%</b>
<b>TOTAL EXPENSES</b>	<b>3,072,019</b>	<b>5,629,203</b>	<b>5,412,697</b>	<b>4,802,188</b>	<b>4,568,748</b>	<b>3,787,145</b>	<b>1,858,849</b>	<b>5,645,994</b>	<b>18%</b>

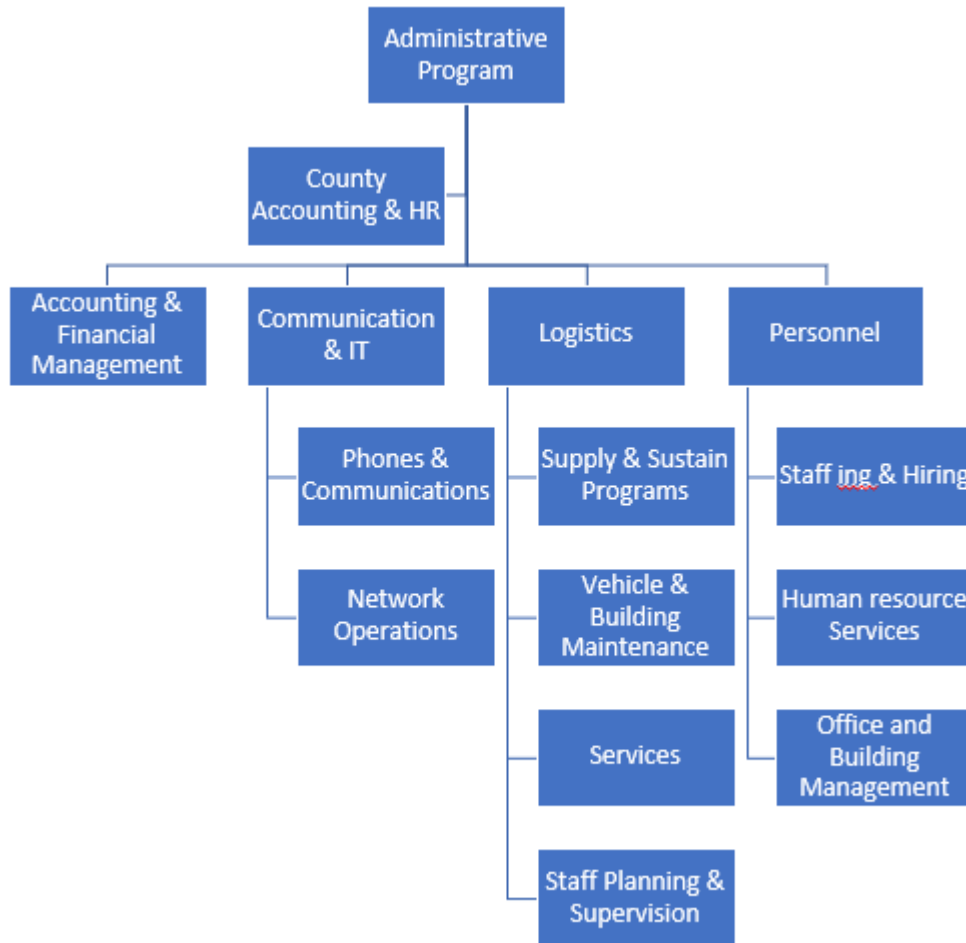
## Administration

### Program Description

Provides logistics, personnel and Information Technology services to maintain and prolong District operations up to and including accomplishment of the statutory purpose and mission of the District. To accomplish this program is responsible for:

- 1) Matters concerning human resources support, including manning, personnel services, personnel support, and office management
- 2) Plans and activities to sustain the District’s efforts and operations, supply, maintenance, vehicle and transportation and operational contract support
- 3) Network operations, information services and communications infrastructure

### Organize and intervene:



### Collect Information & Intelligence:

- Inspect building & grounds quarterly.
- Attend staff annual review

**Implement Capital Projects and Improvement:**

<b>Description</b>	<b>Cost</b>
Keyless Entry – Rekey	20,900
Handicap Doors	11,100
Hex Pave	21,000
Rear Parking Paving	35,000
Parking Lot Netting	9,350
<b>Total</b>	<b>97,350</b>

**Protect Staff and the Public:**

Coordinate health and safety training

**Provide Program Logistics and Support:**

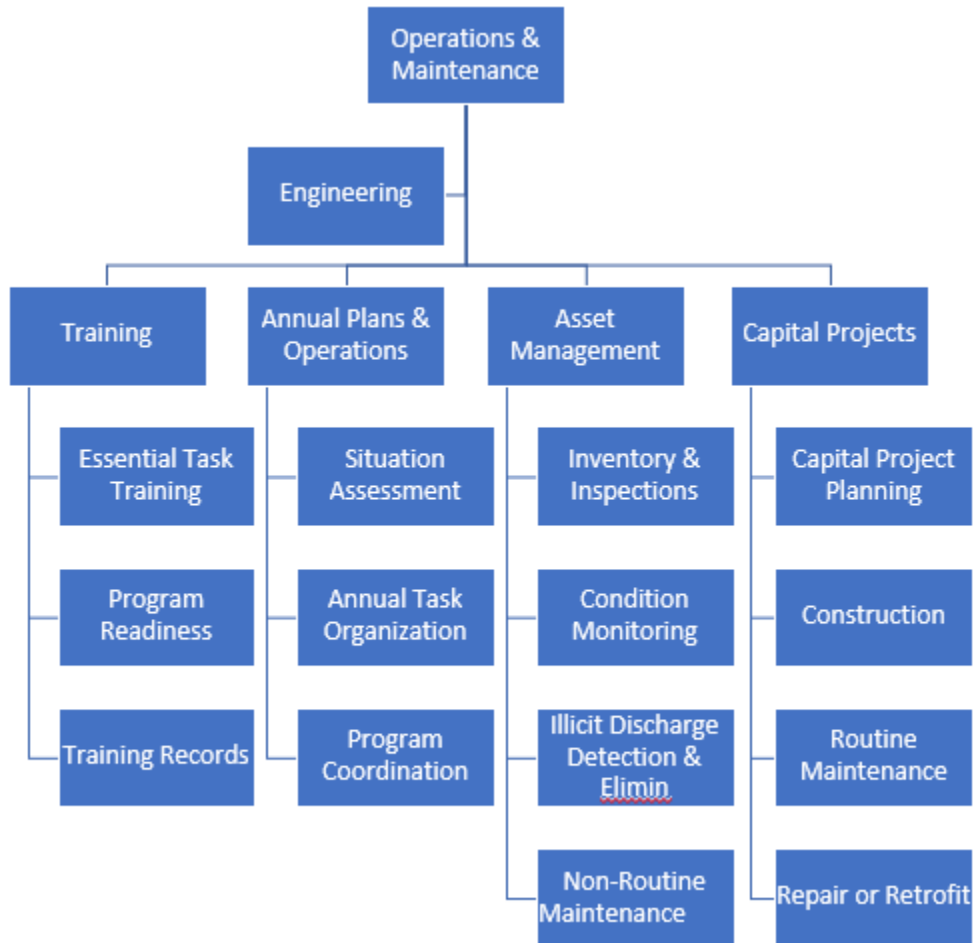
<b>Activity</b>	<b>Description</b>	<b>Cost</b>
Facility Repair	Facility Repair: Conduct maintenance and repair on the District office and grounds	\$10,000
	Program Supplies	750
<b>Total</b>		<b>\$10,700</b>

## Operations & Maintenance

### Program Description

Ensures that the hydrologic system is in balance and operates. It addresses the field operation function and matters concerning operations and plans and development and modernization of the water resource system. Program manages the integration and synchronization of construction and repair of the system as a whole. The program ensures that construction, repair and maintenance activities are coordinated, integrated and synchronized across planned horizons and with collaborating organizations.

### Organize and Intervene:



### Collect Information & Intelligence:

- 1) Inspect District Structures and Hard Assets
- 2) Inspect Ditch 37
- 3) Inspect Ditch 57
- 4) Inspect Ditch 60
- 5) Inspect Riverview Creek
- 6) Inspect Woodcrest Creek



**Implement Capital Projects and Improvement:**

<b>Description</b>	<b>Cost</b>
Coon Creek Bank Stabilization	\$125,000
Aquatic Organism Passage Enhancement Phase 2	75,000
<b>Total</b>	<b>200,000</b>

**Protect Staff and the Public:**

<b>Description</b>	<b>Cost</b>
Routine Ditch Repair and Maintenance	\$563,709
Non-routine Maintenance	\$541,161
<b>Total</b>	<b>1,104,870</b>

• **Provide Program Logistics and Support:**

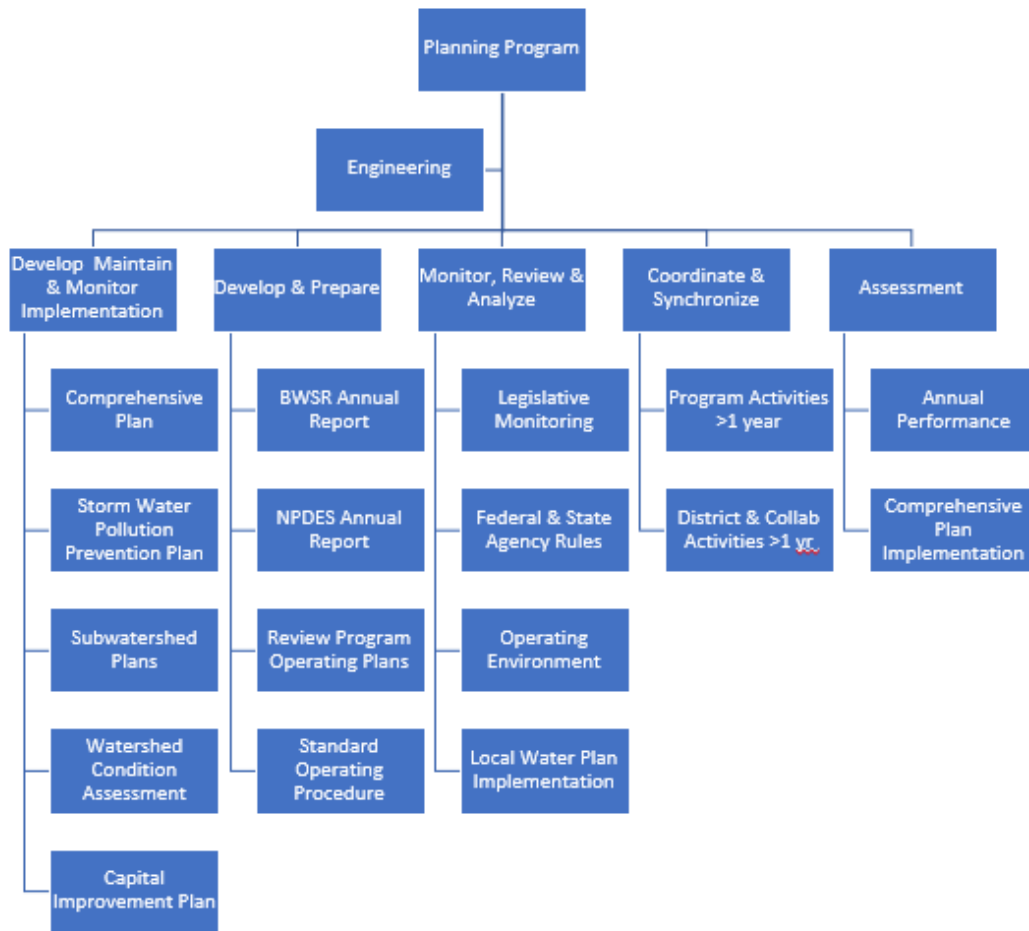
<b>Description</b>	<b>Cost</b>
Engineering	30,000
<b>Total</b>	<b>30,000</b>

## Planning

### Program Description

Program facilitates and enhances the Board’s and Administrator’s ability to make sound and timely decisions and facilitates unified action with collaborators through more complete understanding of the management situation and common understanding of the problem. Program facilitate budget development and coordinates and develops plans for mid- to long-range (5 to 10 years).

### Organize and Intervene:



### Collect Information & Intelligence:

Description	Cost
Watershed Modeling Improvements	27,503
<b>Total</b>	

**Implement Capital Projects and Improvement:**

<b>Description</b>	<b>Cost</b>
Subwatershed Planning	37,494
Fee Study & Funding Strategy	125,000
Ditch 37 Subwatershed Plan	38,994
Ditch 39 Subwatershed Plan	38,994
<b>Total</b>	<b>591,482</b>

**Protect Staff and the Public:**

<b>Description</b>	<b>Cost</b>
Boundary Adjustments	\$3,000
<b>Total</b>	

**Provide Program Logistics and Support:**

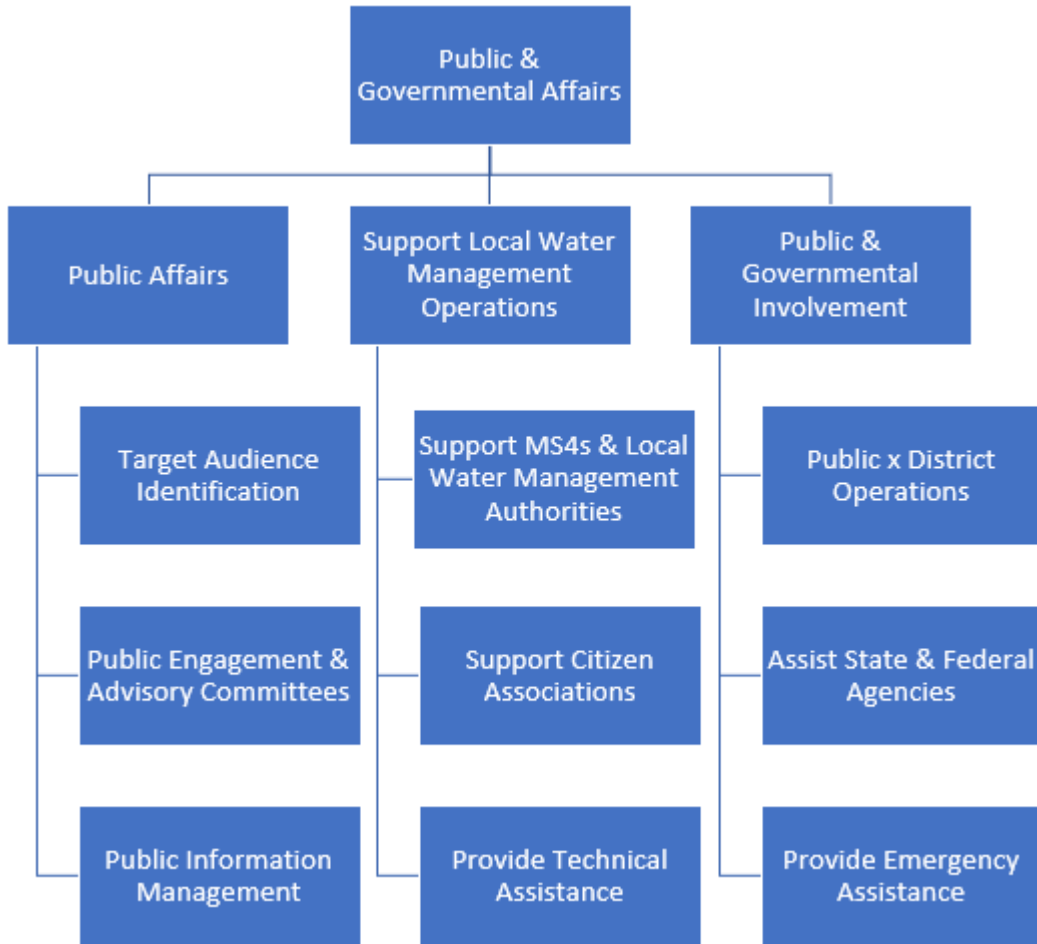
<b>Description</b>	<b>Cost</b>
Engineering	30,000
<b>Total</b>	

## Public and Governmental Affairs

### Program Description

Keeps public and District informed and helps establish conditions that lead to confidence in the District and its readiness and ability to conduct water management operations and serve the public good. Works to enhance the relationship between the District, the public and other organizations involved in local water resource management. Advises the Administrator and Board on the District’s effect on the public and/or unit of government and the effect on the District of citizen or local government activities relative to all stakeholder’s relationship with the land, water resource and government over time.

### Organize and Intervene:



### Collect Information & Intelligence

Description	Cost
Subwatershed Community Survey	28,393
NKE Sand Creek Trail Audience Survey	15,000
<b>Total</b>	<b>42,393</b>

**Implement Capital Projects and Improvement:**

<b>Description</b>	<b>Cost</b>
Springbrook I&E Implementation	69,900
Targeted Pleasure Cr I&E Implementation	19,900
Creek/Ditch Signage	10,000
Adopt-A-Drain	6,000
<b>Total</b>	<b>105,800</b>

**Protect Staff and the Public:**

<b>Description</b>	<b>Cost</b>
Springbrook Pet Waste	10,288
<b>Total</b>	<b>10,288</b>

**Provide Program Logistics and Support:**

<b>Description</b>	<b>Cost</b>
Water Education Grants	3,867
Sponsorships	1,750
Field Supplies-PGA	3,815
<b>Total</b>	<b>9,432</b>

## Water Quality

### Program Description

Gathers and analyzes information on water resources, terrain and landscape, weather, and civil considerations for overall efficient and effective management of the watershed. Responsible for water quality management efforts concerning aquatic invasive species, lakes and impaired waters. Works closely with operations and maintenance to identify, plan and execute projects to improve water quality. Assists Administrator and Board in focusing and integrating assets and resources to satisfy information and intelligence requirements.

### Related Activities

- Oversees the BMP monitoring and water data collection function
- Assists in situational assessment, target and project development, supports watershed development
- Identifies gaps in information and intelligence
- Reports and disseminates data, information and intelligence to District programs, collaborators and state and federal agencies
- Answers requests for information
- Coordinates the District’s hydrologic intelligence requirements
- Assists in planning and assessing effectiveness of District’s efforts

Prepared	2020	2021	2022	2023		2024		Change	
Code 7/6/2023 10:41	Actual	Actual	Actual	Budget	Projected	Current	Change	Request	23-24
61549 Lake Plan Implementation	1,215	2,776	2,887	4,525	4,525	4,706	294	5,000	
61549 Street Sweeping Testing	-	-	-	-	-	-	15,000	15,000	
61549 Springbrook Cr Subwater Partner-led	-	-	-	-	-	-	90,000	90,000	
61549 Pleasure Cr Subwater Partner-led	-	-	-	-	-	-	87,500	87,500	
61549 Groundwater-Surface Water Chlorides Pilot	-	-	-	-	-	-	35,000	35,000	
61549 Contaminants of Emerging Concern	-	-	-	-	-	-	50,000	50,000	
61549 Monitoring	89,113	96,400	99,746	104,235	104,235	108,404	2,085	110,489	
61549 Winer Chloride Monitoring	-	-	-	-	-	-	6,000	6,000	
61549 WQ Cost Share	55,418	76,000	75,000	79,794	79,794	82,986	17,014	100,000	
61549 WQ Cost Share: Optimized St Sweep	-	-	-	-	-	-	100,000	100,000	
61549 WQ Cost Share: TA Municipal Proj	-	-	-	-	-	-	15,000	15,000	
61549 PC MNDot Pond Outlet Modification	-	-	-	-	-	-	21,000	21,000	
61549 Springbrook Nature Center Outlet Mod	-	-	-	-	-	-	22,500	22,500	
63595 CRD Reg Park Stream Corridor Resto	-	-	-	-	125,000	-	440,000	440,000	
63595 Sand Creek AOP Crossing Ehanc @ Xeon	-	-	-	-	65,000	-	115,000	115,000	
61148 Field Supplies-WQ	3,000	3,666	7,547	3,826	3,826	3,979	(1,413)	2,566	
61549 AIS Rapid Response	3,092	-	5,000	20,000	20,000	20,000	-	20,000	
61549 Illicit Discharge Detection	590	800	850	869	869	904	(4)	900	
61549 Groundwater-Surface Water Dewatering Study	-	-	-	-	-	-	15,000	15,000	

**Organize and Intervene:**

Description	Cost
<b>Total</b>	

**Implement Capital Projects and Improvement:**

Description	Cost
<b>Total</b>	

**Protect Staff and the Public:**

Description	Cost
<b>Total</b>	

**Provide Program Logistics and Support:**

Description	Cost
<b>Total</b>	

## Watershed Development

### Program Description

Evaluates, permits, and monitors the physical and economic development of the watershed. Coordinates the protection of watershed functions and is the principal lead on matters concerning wetland and stormwater regulations

### Related Activities

- Assists prospective permit applicants in organizing proposals to avoid or minimize impact on the water or related resource as well as the regulatory burden
- Conducts analysis, planning and coordinating of permit applications
- Advises Administrator and Board on the allocation and employment of all regulatory and enforcement authorities and assets
- Coordinates input and recommends natural resources and assets to be included in the critical and defended asset list
- Monitors and assesses land disturbing activities
- Coordinates with other programs and units of government
- Synchronizes plan review and enforcement operations between units of government
- Coordinates Technical Evaluation Panel

Prepared	2020	2021	2022	2023		2024		Change	
Code 7/6/2023 10:43	Actual	Actual	Actual	Budget	Projected	Current	Change	Request	23-24
63246 Engineering	-	-	-	532,850	350,000	364,000	36,000	400,000	
61148 Field Supplies-WD	1,025	500	950	800	800	832	(332)	500	

### **Organize and Intervene:**

### **Implement Capital Projects and Improvement:**

### **Protect Staff and the Public:**

### **Provide Program Logistics and Support:**



## Sustainment

<b>Capital Costs</b>										
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	
<b>Total Capital Costs</b>		<b>56,000</b>	<b>43,095</b>	<b>75,700</b>	<b>31,395</b>	<b>31,395</b>	<b>31,395</b>	<b>125,313</b>	<b>156,708</b>	<b>399%</b>

Admin		2024	2025	2026	2027	2028	Total
<b>Description:</b>	Purchase and install a 15 foot high by 150 foot long barrier netting to protect vehicles that park in the rear parking lot						
<b>Justification:</b>	The District office has 18 parking spaces plus one HC parking space and 15 employees in need of parking. With intern(s) and visitors, parking is limited. Winter snow also reduces parking, making additional parking area needed. Due to proximity to golf course golf balls are often found to the rear of the building.						
<b>Expenditures:</b>	Planning/Feasibility						\$0.00
	Design						\$0.00
	Construction/Implementation	\$9,350.00					\$9,350.00
	Monitoring						\$0.00
	<b>Total:</b>	\$9,350.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,350.00
<b>Funding Source:</b>							
	General Fund	\$9,350.00					\$9,350.00
	Grant						\$0.00
	<b>Total:</b>	\$9,350.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,350.00



<b>Project No.</b>																		
<b>Project Name</b>	Rear Parking Area Paving																	
<b>Program:</b>	Administration																	
<b>Contact:</b>	Corinne Effelt																	
<b>Priority:</b>	High																	
<b>Project Type:</b>	Building Improvements																	
<b>Useful Life/Yrs:</b>	30 Years																	
<b>Category:</b>	Capital Improvement																	
<b>Description:</b>	stalls.																	
<b>Justification:</b>	To provided additional parking and reduce gulling. The District office has 18 parking spaces plus one HC parking space and 15 employees in need of parking. With intern(s) and visitors, parking is limited. Winter snow also reduces parking, making additional parking area needed. Due to proximity to golf course golf balls are often found to the rear of the building.																	
<b>Expenditures:</b>																		
	Planning/Feasibility																\$0.00	
	Design																\$0.00	
	Construction/Implementation																\$30,000.00	
	Monitoring																\$0.00	
	<b>Total:</b>									\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$30,000.00	
<b>Funding Source:</b>																		
	General Fund																\$30,000.00	
	Grant																\$0.00	
	<b>Total:</b>									\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$30,000.00	



<b>Project No.</b>																				
<b>Project Name</b>	Hex Pave																			
<b>Program:</b>	Administration																			
<b>Contact:</b>	Corinne																			
<b>Priority:</b>	Medium																			
<b>Project Type:</b>	Building Improvement																			
<b>Useful Life/Yrs:</b>	15 years																			
<b>Category:</b>	Capital Improvement																			
<b>Description:</b>	Installation of 1050 square foot Hex Pave grass/gravel paving system.																			
<b>Justification:</b>	Provide additional parking via an alternative pervious surface																			
<b>Expenditures:</b>																				
	Planning/Feasibility																			
	Design																			
	Construction/Implementation																			
	Monitoring																			
	<b>Total:</b>	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	
<b>Funding Source:</b>																				
	General Fund																			
	Grant																			
	<b>Total:</b>	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	
		\$2,500.00																	\$2,500.00	
		\$0.00																		\$0.00
		\$18,500.00																		\$18,500.00
		\$0.00																		\$0.00
		\$21,000.00																		\$21,000.00
		\$0.00																		\$0.00
		\$0.00																		\$0.00
		\$0.00																		\$0.00
		\$0.00																		\$0.00
		\$0.00																		\$0.00
		\$21,000.00																		\$21,000.00
		\$0.00																		\$0.00
		\$21,000.00																		\$21,000.00





<b>Project No.</b>																			
<b>Project Name</b>	Handicap Accessible Doors																		
<b>Program:</b>	Administration																		
<b>Contact:</b>	Administrative Services Coordi																		
<b>Priority:</b>	HIGH																		
<b>Project Type:</b>	Building Improvements																		
<b>Useful Life/ysr:</b>	15 years																		
<b>Category:</b>	Capital Improvements																		
<b>Description:</b>	Installation of 2 IWH Londer swing low energy door operators, 2 wireless wall switches, one receiver, programming of switches and adjustment of perators for proper operation. \$7300; 110.120 VAC wiring and connection to the operators by an electrician ADA compliance. With 15 employees we are <b>required</b> to be ADA compliant. accessible by contractor(s), public and staff with mobility issues.																		
<b>Justification:</b>																			
<b>Expenditures:</b>																			
	Planning/Feasibility																		\$0.00
	Design																		\$0.00
	Construction/Implementation																		\$11,100.00
	Monitoring																		\$0.00
	<b>Total:</b>																		\$11,100.00
<b>Funding Source:</b>																			
	General Fund																		\$11,100.00
	Grant																		\$0.00
	<b>Total:</b>																		\$11,100.00









2	Project No.																					
3	Project Name	Window Well Covers																				
4	Program:	Administration																				
5	Contact:	Corinne																				
6	Priority:	Low																				
7	Project Type:	Building Improvement																				
8	Useful Life/yr:	15 years																				
9	Category:	Building Maintenance																				
10	Description:	Aluminum braced polycorbante window well covers. May not be able to obtain full depth, may need to add 2 x 10 next to building to attached cover to.																				
11	Justification:	Prevent snow, rain, wildlife, debris to enter window wells.																				
12	Expenditures:																					
13		Purchase																				
14		Design																				
15		Construction/Implementation																				
16		Monitoring																				
17		Total:								\$0.00						\$0.00						
18	Funding Sources:																					
19		General Fund																				
20		Grant																				
21		Total:								\$0.00						\$0.00						



Project No.																									
Project Name	Landscaping																								
Program:	Administration																								
Contact:	Corinne																								
Priority:	Low																								
Project Type:	Site Improvements																								
Useful Life/hrs:	20																								
Category:	Building Improvements																								
Description:	Have professional develop a landscape plan that will reduce mowing, increase bmp's, pollinators, etc for phased implementations. Implement phase 1.																								
Justification:	Professional development of a plan is respectful of water resource and neighbors. Practice what we preach.																								
Expenditures:	Planning/Feasibility																				\$0.00				
	Design																				\$2,500.00				
	Construction/Implementation																				\$5,000.00				
	Monitoring																				\$0.00				
																					Total:	\$0.00			
Funding Source:																									
	General Fund Grant																					\$5,000.00			
																						Total:	\$0.00		
																							Total:	\$13,500.00	
																								Total:	\$13,500.00

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

**MEETING DATE:** July 24, 2023  
**AGENDA NUMBER:** 10  
**ITEM:** Stonybrook Creek Inspection Report

---

**POLICY IMPACT:** Policy  
**FISCAL IMPACT:** Budgeted

---

**REQUEST**

Receive inspection report

**BACKGROUND**

This inspection is part of the District’s O&M program and the NPDES requirement of inspecting 20% of the open channels annually.

Stonybrook Creek is located in Fridley.  
 The channel is 0.29 miles (1,526 feet)  
 Drainage area is 1.4 square miles (914 acres)  
 0 Public Laterals and 0 Private Laterals

**IDENTIFIED MAINTENANCE NEEDS**

<b>Need</b>	<b>Count</b>	<b>Cost Estimate</b>	<b>Immediate</b>	<b>Repair</b>	<b>Monitor</b>
Obstruction	1	\$1,000	\$0	\$0	\$1,000
Ditch Repair	0	\$0	\$0	\$0	\$0
Bank Failure	2	\$74,875	\$0	\$74,875	\$0
Illicit Discharge	0	\$0	\$0	\$0	\$0
Beaver	0	\$0	\$0	\$0	\$0
Other	8	\$0	\$0	\$0	\$0
<b>Total</b>	<b>11</b>	<b>\$75,875</b>	<b>\$0</b>	<b>\$74,875</b>	<b>\$1,000</b>

**RECOMMENDATION**

1. Receive report







**COON CREEK**  
WATERSHED DISTRICT

## Stonybrook Creek Inspection Report

Jason Hilst  
Operations & Maintenance Inspector

July 24, 2023





# Purpose

## Identify & Prioritize Maintenance Needs:

- Flooding
- Water Quality
- Wildlife Habitat

## Modern survey methods

- Photos at surveyed & points of interest
- Profile
- Cross-section

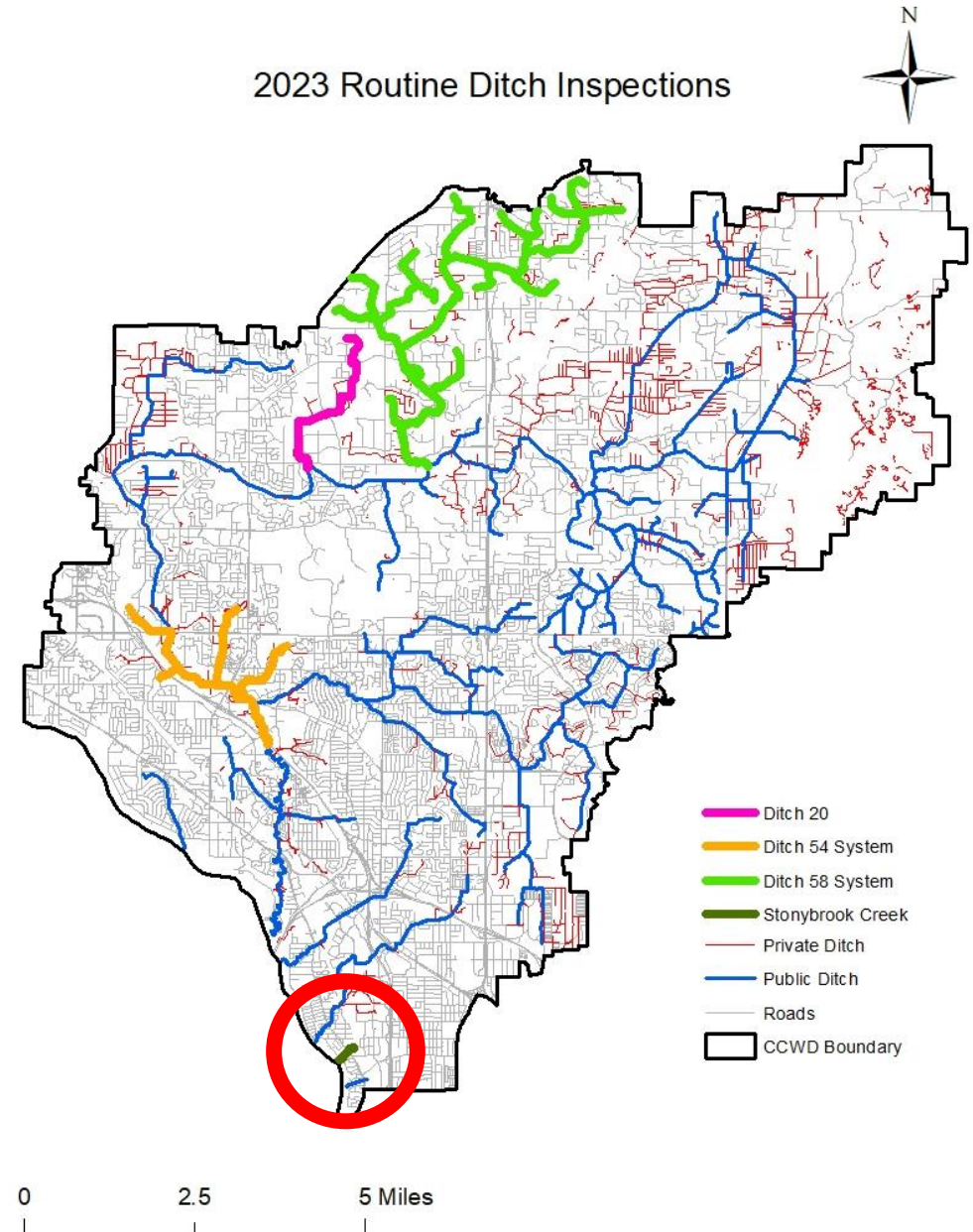


# Annual Inspection Program

Inspect 20% of public ditches  
2023 : Stonybrook Creek

Ditch 20 [In Progress]  
Ditch 54 [In Progress]  
Ditch 58 [Fall]

\*28.8 Total miles to be inspected in 2023



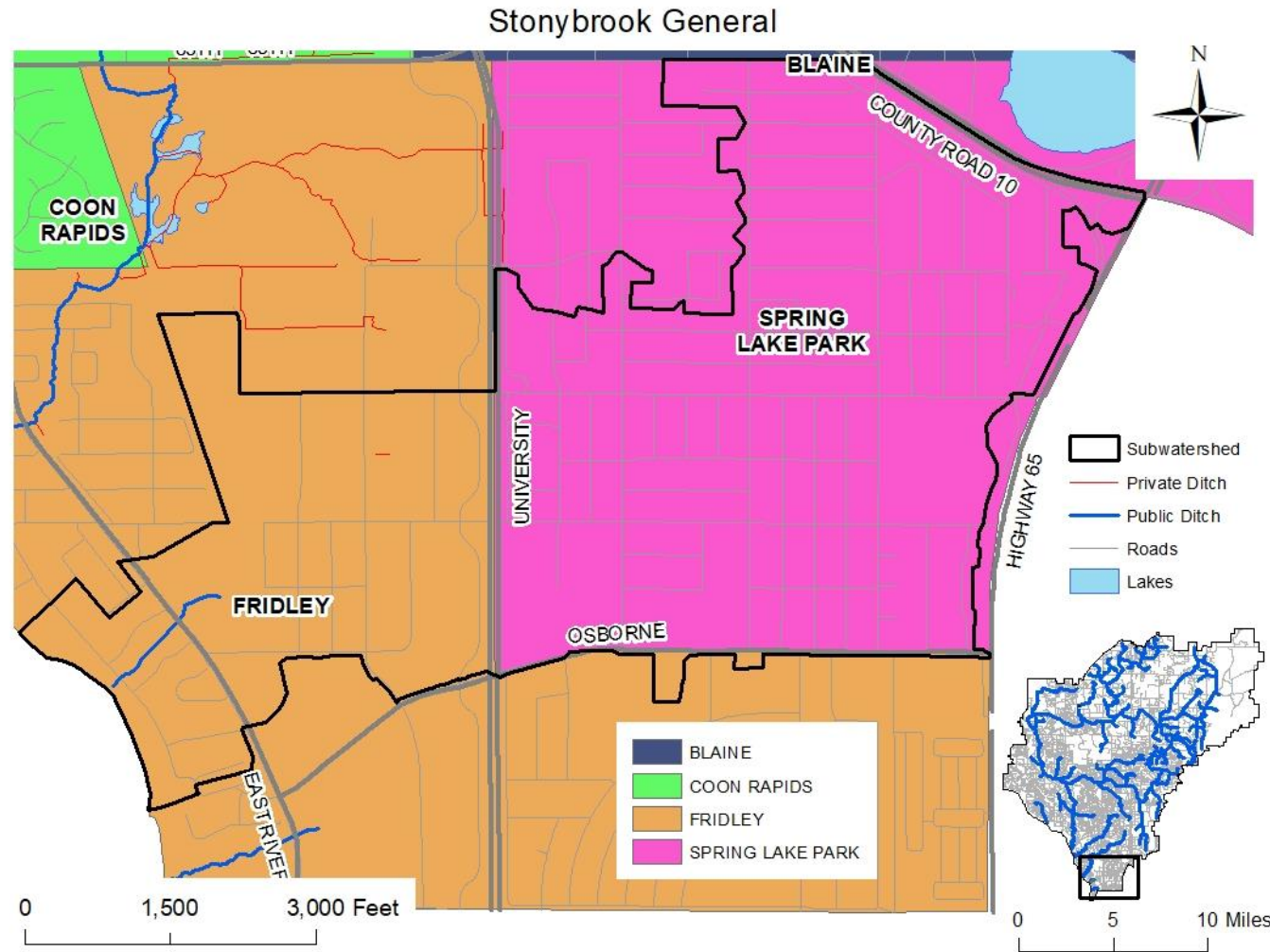
# Stonybrook Creek

Channel Length: **0.29 miles**  
1,526 feet

Subwatershed Area: **1.4 sq. miles**  
914 acres total

0 Public Laterals

Fridley





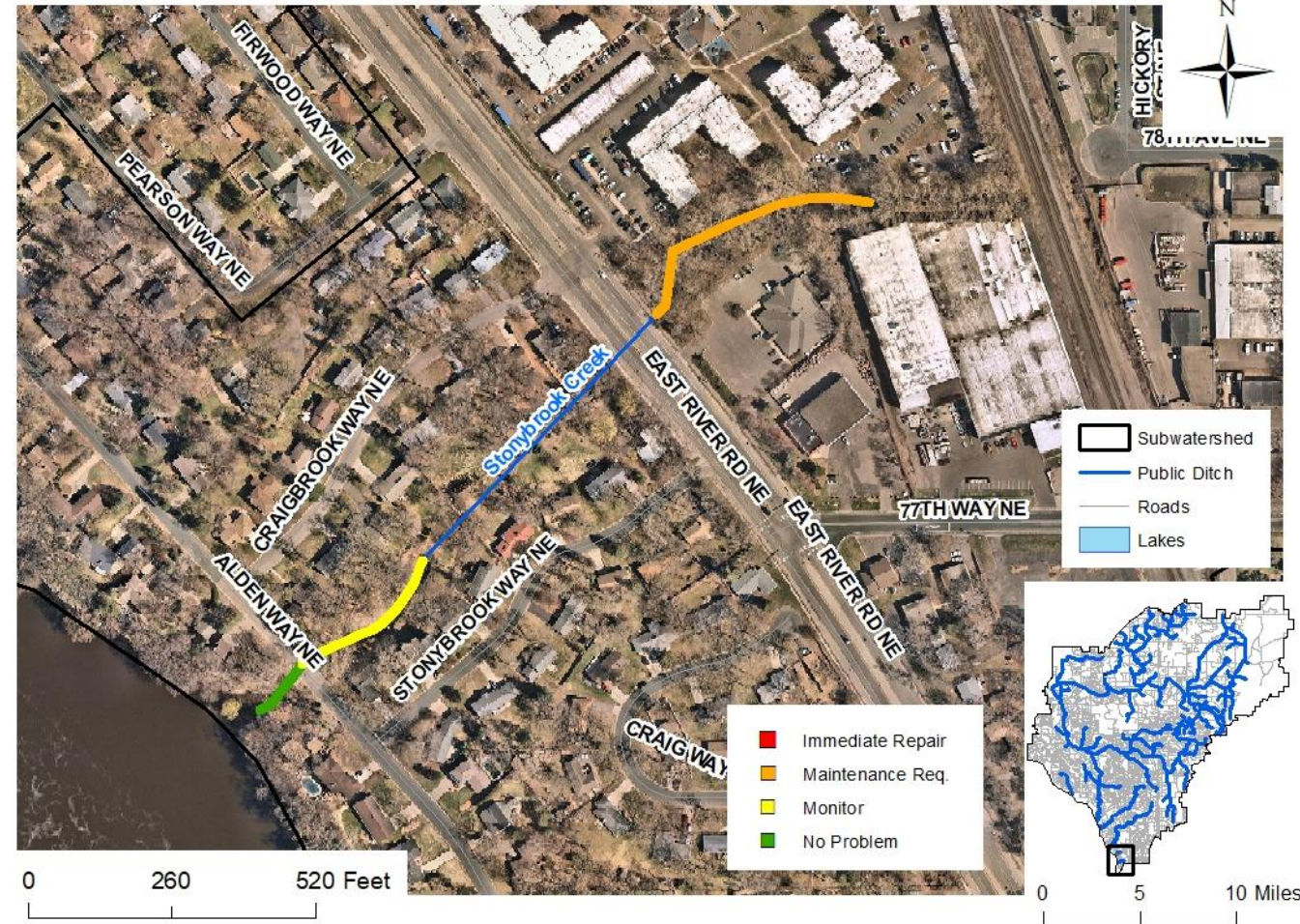
# Channel Condition

Overall Condition: Fair/Good

**Good/Fair** downstream of ERR

**Fair/Poor** upstream

Stonybrook Channel Condition





# Inspection Results

Need	Timeframe	# Sites	Estimated Cost
Immediate	<1 year	<b>1</b>	<b>\$0</b>
Projected	1-5 years	<b>7</b>	<b>\$74,875</b>
Potential	5+ years	<b>3</b>	<b>\$1,000</b>
<b>TOTAL</b>		<b>11</b>	<b>\$75,875</b>

Stonybrook Maintenance Needs











2023. 5. 11









2023. 5. 11





## **Key takeaways:**

Stonybrook Creek is in fair/good condition

There is only one immediate maintenance concern (Culvert Obstruction)

## **Staff recommendation:**

Receive report

THANK YOU!

Questions?

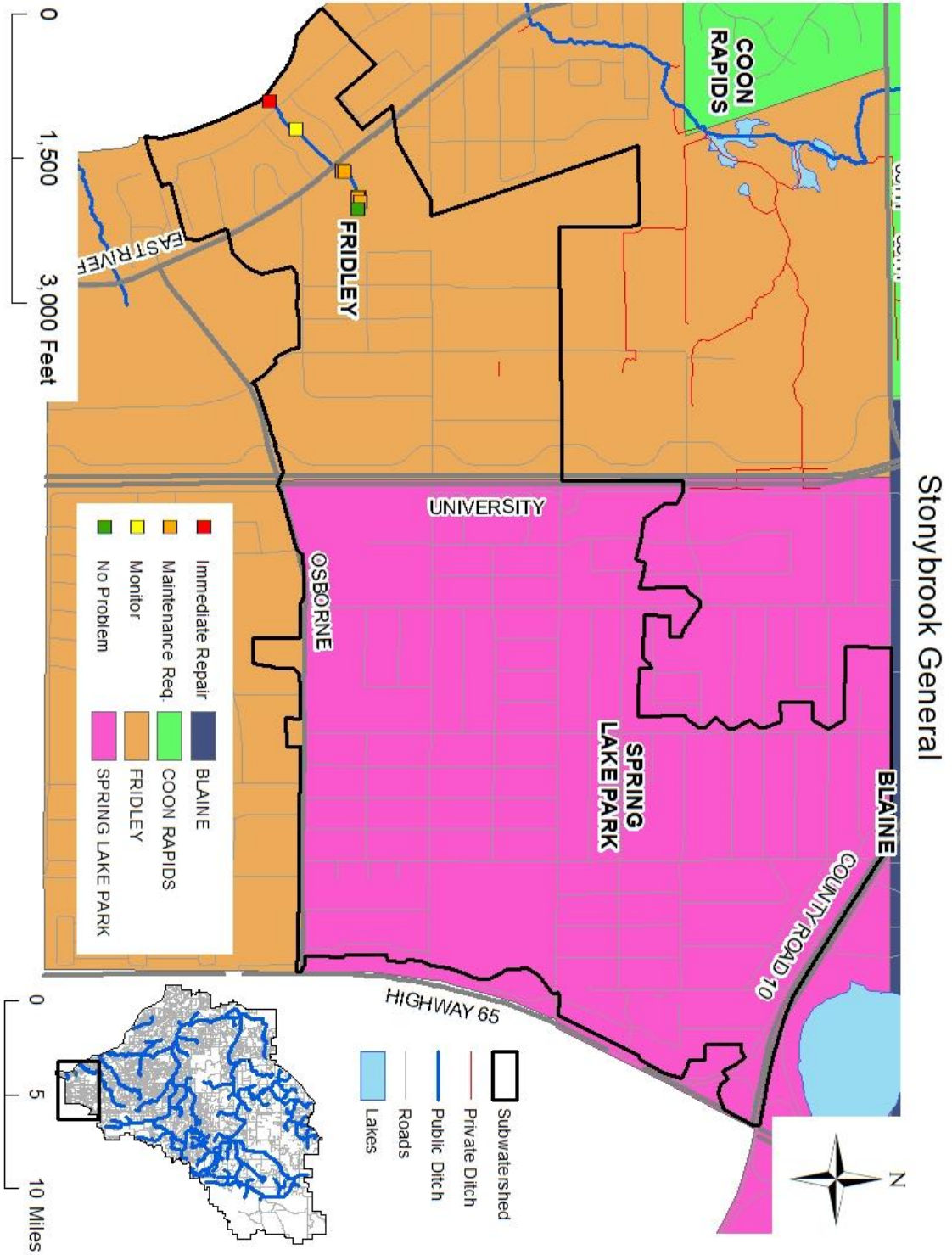






2023. 5. 11







# Clearer picture of watershed quality helps people put dollar values on improvements

May 31, 2023 By [Chris Barncard](#)

It may be easy to argue that cleaning up a river is inherently good, but it's far harder to put a monetary value on the outcome of a clean-up — especially when each person appreciates the condition and uses and expectations for a local or distant body of water in their own way.

Measuring that value is important, though, as government agencies run cost-benefit calculations and consider how to best deploy limited resources. Researchers including economists at the University of Wisconsin–Madison and funded by the U.S. Environmental Protection Agency have developed a method to gauge the value of improvements in watersheds protected by the federal Clean Water Act. Their results, which surveyed thousands of residents of three major river watersheds in the United States, were [published recently in the Proceedings of the National Academy of Sciences](#).



Daniel Phaneuf

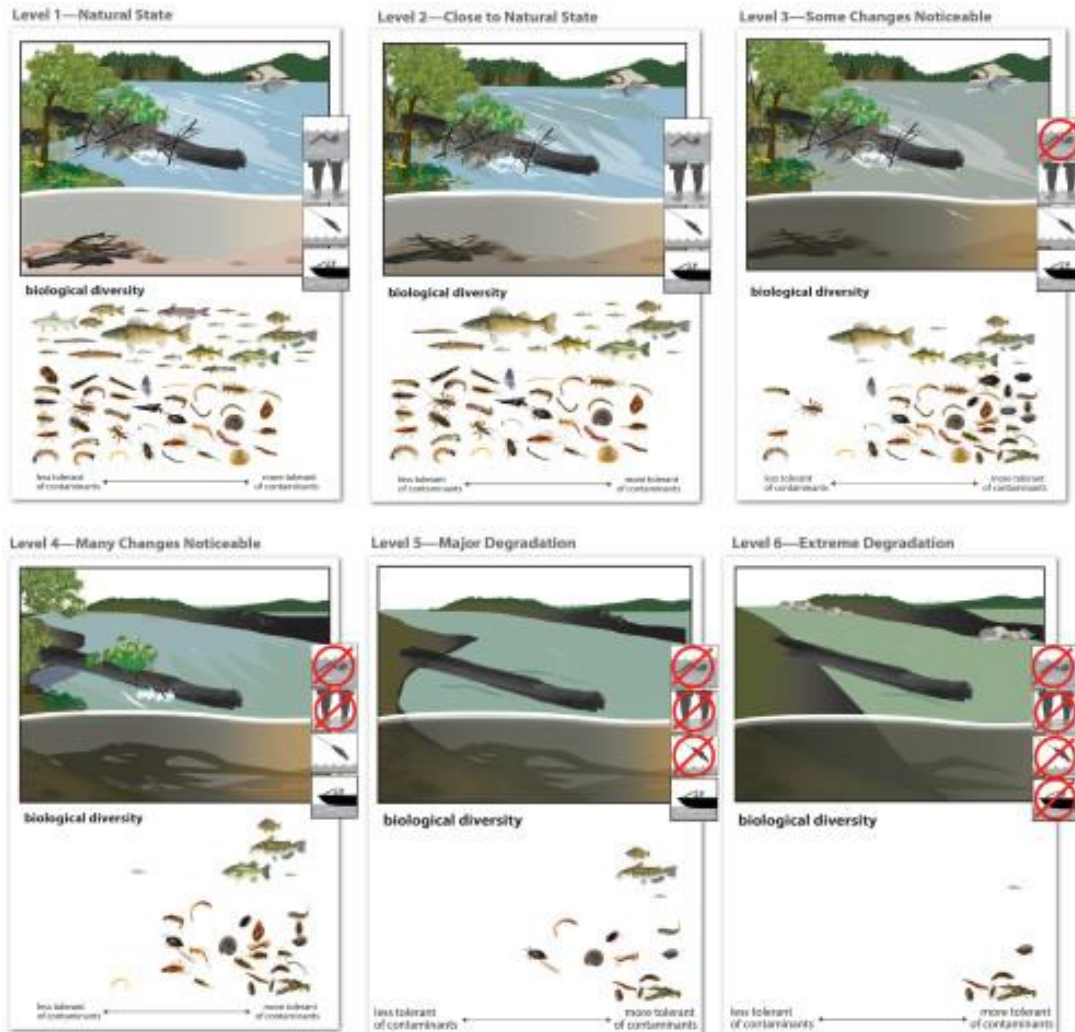
“From the perspective of economics, human well-being can be generated by a lot of different things,” says [Daniel Phaneuf, UW–Madison professor of agricultural and applied economics](#) and an author of the new study. “At a fundamental level, we’re interested in measuring how much households are willing to trade off spending on other things in order to have better environmental quality.”

Quite a bit more if the improvements are nearby, it turns out. But the question of just how much began with another challenge: Just what do we mean by improvement?

Ecologists from the University of Minnesota catalogued biological data from 19,000 sites across the watersheds of three major river basins — the Upper Mississippi, Ohio and Tennessee rivers — in parts of 18 states, creating detailed maps describing smaller subunits of the watersheds according to the EPA-created Biological Condition Gradient. BCG is a scale describing six levels of human disturbance of a watershed, from a natural state through noticeable changes and shifts in the animal and plant species that live in or around the water and on to extreme degradation.

“We wanted this to be meaningful and understandable to everyone, so we didn’t use technical terms like ‘biological condition gradient,’” Phaneuf says. “We worked with ecologists and graphic artists to create ways to represent these differences in biodiversity and visual conditions

and the sort of human activities — like boating, swimming or fishing — each level of the BCG may actually represent.”



Researchers used visual and textual descriptions of the stepwise differences in levels of ecological integrity when asking survey participants about their valuations of watershed quality. University of Wisconsin–Madison

Along with watershed maps, the researchers took visual and textual descriptions of the stepwise differences in levels of ecological integrity to a survey group of 2,000 households across the river basins, presenting each one with maps describing current conditions in watersheds both in their area and farther away and maps describing improvements from potential remediation projects in those areas. They asked an overarching question for each cleanup scenario: How much more would you be willing to pay in taxes every year — ranging from \$20 to \$750 — to make this improvement happen?

Respondents were willing to pay about \$300 annually for one-level improvements in BCG in a nearby watershed, pushing closer to \$500 if the changes would meet a Level 2 designation — a swimmable waterway just one step away from a natural state.

“That’s not so much of a surprise. People put a lot of value on the watersheds they get to see and enjoy,” Phaneuf says. “What may be a surprise, though, is that people are willing to pay even when it’s not in their backyard. That is something that EPA is quite interested in.”

The survey respondents were still willing to take on nearly \$100 in taxes and up to more than \$250 for faraway watershed ecosystem enhancements, depending on the size of the affected area and extent of the improvements.

Some of the differences were regional, connected to conditions nearby or state boundaries.

“We did see values vary based on different baselines,” Phaneuf said. “If you’re at a place that already has pretty good water quality, it’s not necessarily that valuable to go up a little bit. Whereas if you’re at a place that already has pretty poor water quality, the value of incrementally improving things can be of higher interest.”

People were also willing to pay more for improvements within their home state, even if they happened in watersheds far from their home.

The methods for describing watersheds to non-scientists are an important step forward in communicating some complex concepts of ecological integrity, Phaneuf says. The results of the new survey and the roadmap for measuring monetary value of environmental improvements should prove useful to regulators and policymakers.

“A lot of earlier research has suggested that administering the Clean Water Act has cost more than the benefits it has generated. Our research is motivated by the idea that perhaps we’re missing some of the benefits,” Phaneuf says. “This type of careful look at how people value clean waters can help in assessing whether and to what extent proposed regulations are creating positive value.”

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*This research was supported by funding from the U.S. Environmental Protection Agency (agreement No. 8361660).*



# MEMORANDUM



DATE: July 1, 2023  
TO: Minnesota Watersheds Members  
FROM: Linda Vavra and Jamie Beyer, Resolutions Committee Co-Chairs  
RE: **2023 REQUEST FOR MINNESOTA WATERSHEDS RESOLUTIONS**

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It is that time of year for Minnesota Watersheds members to submit their policy recommendations through our resolutions process. This is YOUR organization and policy statements start with YOU! Here are the next steps and timeline:

- July / August** Members write, discuss, and approve resolutions at your WD/WMO meetings. The more detail you can provide, the easier it will be for the committee to make a recommendation.
- September 1** Administrators submit resolutions and background information documents to Jan Voit, Executive Director at [jvoit@mnwatersheds.com](mailto:jvoit@mnwatersheds.com) by **September 1**. If more time is needed, please contact her so the Resolutions Committee is aware that another resolution may be submitted. The latest possible date to submit a resolution is **60 days before** the annual meeting (October 1). We ask that resolutions be submitted according to the described timeframe to ensure distribution to members for discussion by your boards in November.
- NOTE: If all the requested information is not included, the Resolution will NOT be accepted.**
- September / October** The Resolutions Committee will review the resolutions, gather more information, or ask for further clarification when deemed necessary; work with the submitting watersheds to combine similar resolutions; reject resolutions already active; discuss and make recommendations to the membership on the passage of resolutions.
- October 31** Resolutions (with committee feedback) will be emailed to each organization by **October 31**.
- NOTE: If possible, please hold a regional meeting to discuss the Resolutions BEFORE the annual conference.**
- November** Members should discuss the resolutions at their November meetings and decide who will be voting on their behalf at the annual meeting (2 voting members and 1 alternate are to be designated per watershed organization)
- December 3** Delegates discuss and vote on resolutions at the annual resolutions hearing. Please be prepared to present and defend your resolution.
- December / January** The Legislative Committee will review existing and new resolutions and make a recommendation to the Minnesota Watersheds Board of Directors for the 2024 legislative platform.
- January 2024** Minnesota Watersheds Board of Directors will finalize the 2024 legislative platform.
- February 12, 2024** First day of the 2<sup>nd</sup> half of 93<sup>rd</sup> legislative biennium.

NOTE: Resolutions passed by the membership will remain Minnesota Watersheds policy for five years after which they will sunset. If a member wishes to keep the resolution active, it must be resubmitted and passed again by the membership. Enclosed with this memorandum are the active resolutions and those that will sunset on 12/31/23. If you have questions, Please feel free to contact co-chairs at [lvavra@fedtel.net](mailto:lvavra@fedtel.net) or 320-760-1774, [bds wd@runestone.net](mailto:bds wd@runestone.net) or 701-866-2725, or our Executive Director at [jvoit@mnwatersheds.com](mailto:jvoit@mnwatersheds.com) or 507-822-0921.

**THANK YOU FOR YOUR EFFORTS IN OUR POLICY DEVELOPMENT!**

# Background Information

## 2023 Minnesota Watersheds Resolution

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Proposing Watershed: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Resolution Title: \_\_\_\_\_

### Background that led to the submission of this resolution:

Describe the problem you wish to solve and provide enough background information to understand the factors that led to the issue. Attach statutory or regulatory documents that may be helpful.

### Ideas for how this issue could be solved:

Describe potential solutions for the problem. Provide references to statutes or rules if applicable.

### Efforts to solve the problem:

Document the efforts you have taken to try to solve the issue. For example: have you spoken to state agency staff, legislators, county commissioners, etc.? If so, what was their response?

### Anticipated support or opposition:

Who would be willing to partner with our watershed or state association on the issue? Who may be opposed to our efforts? (Ex. other local units of government, special interest groups, political parties, etc.)?

### This issue: (check all that apply)

\_\_\_\_\_ Applies only to our district

\_\_\_\_\_ Applies only to 1 or 2 regions

\_\_\_\_\_ Applies to the entire state

\_\_\_\_\_ Requires legislative action

\_\_\_\_\_ Requires state agency advocacy

\_\_\_\_\_ Impacts Minnesota Watersheds bylaws or MOPP

(MOPP = Manual of Policies and Procedures)



# Active Minnesota Watersheds Resolutions

December 2, 2022



## FINANCE

### **2021-01A: Support SWCD Capacity Fund Sources**

Minnesota Watersheds supports SWCD capacity funds to come from county and state general funds.

### **2021-01B: Support Clean Water Funds for Implementation, Not Capacity**

Minnesota Watersheds supports Clean Water Funds being used for implementation and not for capacity.

### **2021-02: Support Capacity Funding for Watershed Districts**

Minnesota Watersheds supports capacity base funding resources directed to non-metro watershed district who request this assistance, to implement the activities as outlined in approved watershed district watershed management plans or comprehensive watershed management plans.

### **2019-08: Heron Lake Watershed District General Operating Levy Adjustment**

Minnesota Watersheds supports an increase in Heron Lake Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2019-09: Shell Rock River Watershed District General Operating Levy Adjustment**

Minnesota Watersheds supports an increase in Shell Rock River Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2019-10: Pelican River Watershed District General Operating Levy Adjustment**

Minnesota Watersheds supports an increase in Pelican River Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2019-11: Buffalo Red River Watershed District General Operating Levy Adjustment**

Minnesota Watersheds supports an increase in Buffalo Red River Watershed District's general operating levy cap from \$250,000 to an amount not to exceed \$500,000.

### **2017-05 Middle Fork Crow River Watershed District General Operating Levy Adjustment**

Minnesota Watersheds supports the efforts of Middle Fork Crow River Watershed District to draft and advance special legislation affecting a change in its general fund levy cap.

## URBAN STORMWATER

### **2022-01 Support Creation of a Stormwater Reuse Task Force**

Minnesota Watersheds supports administratively or legislatively including at least one Minnesota Watersheds member on the Minnesota Department of Health's workgroup to move forward, prioritize, and implement the recommendations of the interagency report on reuse of stormwater and rainwater in Minnesota.

### **2022-02 Support Limited Liability for Certified Commercial Salt Applicators**

Minnesota Watersheds supports enactment of state law that provides limited liability protection to commercial salt applicators and property owners using salt applicators who are certified through the established state salt-applicator certification program and follow best management practices.

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## WATER QUANTITY, DRAINAGE, AND FLOOD CONTROL

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### **2022-03: Seek Increased Support and Participation for the Minnesota Drainage Work Group (DWG)**

- Minnesota Watersheds communications increase awareness of the DWG (meeting dates and links, topics, minutes, reports) amongst members.
- Minnesota Watersheds training opportunities strongly encourage participation in the DWG by watershed staff and board managers (for watersheds that serve as ditch authorities or work on drainage projects) – for e.g., add agenda space for DWG member updates, host a DWG meeting as part of a regular event.
- In preparation for Minnesota Watersheds member legislative visits, staff add a standing reminder for watershed drainage authorities to inform legislators on the existence, purpose, and outcomes of the DWG, and reinforce the legitimacy of the DWG as a multi-faceted problem-solving body.
- During Minnesota Watersheds staff Board of Water and Soil Resources (BWSR) visits, regularly seek updates on how facilitation of the DWG is leading to improvements for member drainage authorities and convey this information to members.

### **2022-05: Obtain Stable Funding for Flood Damage Reduction and Natural Resources Enhancement Projects**

Minnesota Watersheds supports collaborating with the Red River Watershed Management Board and state agencies to seek funding from the Minnesota Legislature to provide stable sources of funding through existing or potentially new programs that provide flood damage reduction and/or natural resources enhancements. A suggested sustainable level of funding is \$30 million per year for the next 10 years.

### **2021-05: Support Crop Insurance to Include Crop Losses Within Impoundment Areas**

Minnesota Watersheds supports expansion of Federal Multi-Peril Crop Insurance to include crop losses within impoundment areas.

### **2020-04 Support Temporary Water Storage on DNR Wetlands during Major Flood Events**

Minnesota Watersheds supports the temporary storage of water on existing DNR-controlled wetlands in the times of major flood events.

### **2019-02: Add a Classification for Public Drainage Systems that are Artificial Watercourses**

Minnesota Watersheds supports removal of the default Class 2 categorization for public drainage systems that are artificial watercourses and supports a default Class 7 categorization for public drainage systems that are artificial watercourses.

### **2019-03 Support for Managing Water Flows in the Minnesota River Basin Through Increased Water Storage and Other Strategies and Practices**

Minnesota Watersheds supports efforts to manage the flow of water in the Minnesota River Basin and the Minnesota River Congress in its efforts to increase water storage on the landscape; and Minnesota Watersheds supports the Minnesota River Congress in its efforts to secure state and federal programs targeted specifically to increase surface water storage in the Minnesota River Watershed.

### **2019-04: Clarify County Financing Obligations and/or Authorize Watershed District General Obligation Bonding for Public Drainage Projects**

Minnesota Watersheds supports legislation to achieve one or both of the following:

- a) To clarify that an affected county must finance a watershed district drainage project on project establishment and request of the watershed district; and
- b) To authorize watershed districts to finance drainage project establishment and construction by issuance of bonds payable from assessments and backed by the full faith and credit of the watershed district; and further provide for adequate tax levy authority to assure the watershed district's credit capacity.

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## WATER QUALITY, LAKES, WETLANDS, RIVERS, AND STREAMS

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### **2022-06: Limit Wake Boat Activities**

Minnesota Watersheds supports working with the Minnesota Department of Natural Resources (DNR) to utilize the research findings from the St. Anthony Falls Laboratory and seek legislation to achieve one or more of the following:

- Limit lakes and areas of lakes in which wake boats may operate;
- Require new and existing wake boats to be able to completely drain and decontaminate their ballast tanks; and
- Providing funding for additional research on the effects of wake boats on aquatic systems.

### **2020-03 Soil Health Goal for Metropolitan Watershed Management Plans**

Minnesota Watersheds supports amending Minnesota Rule 8410.0080 to include a goal for soil health in watershed management plans and ten-year plan amendments.

### **2019-07 Chinese Mystery Snail Designation Change and Research Needs**

Minnesota Watersheds supports Chinese Mystery Snail prevention and control research and to change the Chinese Mystery Snail designated status in Minnesota as a regulated species to a prohibited species.

### **2017-02 Temporary Lake Quarantine Authorization to Control the Spread of Aquatic Invasive Species (AIS)**

Minnesota Watersheds supports legislation granting to watershed districts, independently or under DNR oversight, the authority, after public hearing and technical findings, to impose a public access quarantine, for a defined period of time in conjunction with determining and instituting an AIS management response to an infestation.

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## WATERSHED MANAGEMENT AND OPERATIONS

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### **2022-04: Clarification of Watershed District Project Establishment with Government Aid or as Part of a Plan**

Minnesota Watersheds supports working with BWSR to clarify Minnesota Statutes § 103D.605, Subd. 5.

### **2021-03: Support Increased Flexibility in Open Meeting Law**

- Minnesota Watersheds supports changes to the Open Meeting Law to provide greater flexibility in the use of interactive technology by allowing members to participate remotely in a nonpublic location that is not noticed, up to three times in a calendar year per manager.
- Minnesota Watersheds supports allowing public participation from a remote location by interactive technology, or alternatively from the regular meeting location where interactive technology will be made available for each meeting, unless otherwise noticed under Minnesota Statutes Section 13D.021.
- Minnesota Watersheds supports changes to the Open Meeting Law requiring watershed districts to prepare and publish procedures for conducting public meetings using interactive technology.

### **2021-06: Support 60-day Review Required for State Agencies on Policy Changes**

Minnesota Watersheds supports requiring state agencies to provide a meaningful, not less than 60-day review and comment period from affected local units of government on new or amended water management policies, programs, or initiatives with a response to those comments required prior to adoption.

### **2021-07: Support Metro Watershed-based Implementation Funding (WBIF) for Approves 103B Plans Only**

Minnesota Watersheds supports BWSR distribution of metro WBIF among the 23 watershed management organizations with state-approved comprehensive, multi-year 103B watershed management plans. Those plans implement multijurisdictional priorities at a watershed scale and facilitate funding projects of any eligible local government unit (including soil and water conservation districts, counties, cities, and townships).

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## AGENCY RELATIONS

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### **2019-01 Streamline the DNR permitting process**

Minnesota Watersheds supports legislation, rules, and/or agency policies to streamline the DNR permitting process by increasing responsiveness, decreasing the amount of time it takes to approve permits, providing a detailed fee schedule prior to application, and conducting water level management practices that result in the DNR reacting more quickly to serious, changing climate conditions.

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## REGULATIONS

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### **2020-01 Appealing Public Water Designations**

Minnesota Watersheds supports legislation that would provide landowners with a more formal process to appeal decisions made by the DNR regarding the designation of public waters including the right to fair representation in a process such as a contested case proceeding which would allow landowners an option to give oral arguments or provide expert witnesses for their case.

### **2019-05 Watershed District Membership on Wetland Technical Evaluation Panels**

Minnesota Watersheds supports legislation to allow technical representatives of watershed districts to be official members of wetland technical evaluation panels.

### **2019-06: Oppose Legislation that Forces Spending on Political Boundaries**

Minnesota Watersheds opposes legislation that establishes spending requirements or restricts watershed district spending by political regions or boundaries.

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## NATURAL RESOURCES

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No resolutions currently in this category.

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# Resolutions to Sunset

Effective December 31, 2023

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It should be noted that in July of 2022, the sunset deadline was extended for resolutions expiring in 2017 by two years due to the pandemic and its influence on lobbying efforts. **All 2017 resolutions will have a sunset date of 2024.**

## **2018-02 Increase the \$250k General Fund Tax Levy Limit**

Minnesota Watersheds supports legislation to increase or remove the \$250,000 general fund ad valorem tax levy limit set in MN statute 103D.905 Subd. 3. If the limit is raised to a new dollar amount, Minnesota Watersheds supports an inflationary adjustment be added to statute.

## **2018-03 Require Timely Appointments to the BWSR Board**

Minnesota Watersheds supports legislation that requires the Governor to make BWSR board appointments within 90 days of a vacancy or board member term expiration.

## **2018-04 Require Watershed District Permits for the DNR**

Minnesota Watersheds supports an amendment to the MN Statute § 103D.315, Subd. 5, to include the MN Department of Natural Resources as a state agency required to get permits from watershed districts when applicable.

## **2018-06 Ensure Timely Updates to Wildlife Management Area (WMA) Plans**

Minnesota Watersheds supports that WMA operation and maintenance plans and/or management plans are either drafted or brought current in a timely fashion, with input from local governmental entities, to ensure their consideration in future One Watershed, One Plan efforts.

## **2018-08 Reinforce Existing Rights to Maintain/Repair 103E Drainage Systems**

Minnesota Watersheds supports legislation modeled after House File 2687 and Senate File 2419 of the ninetieth legislature (2017-2018) reinforcing that the DNR cannot restrict existing rights to maintain and repair 103E public drainage systems.

## **2018-09 Clean Water Council Appointments**

Minnesota Watersheds may ask the representative of the Clean Water Council to resign when they lose their direct association to a watershed district; and that Minnesota Watersheds will recommend to the Governor's office that managers and/or administrators in good standing with Minnesota Watersheds be appointed to the Clean Water Council.



# Drought conditions expand across Minnesota, with more heat on the way

Anoka County and the St. Cloud and Rochester areas have reached the extreme drought category.

By [Tim Harlow](#) Star Tribune

July 20, 2023 — 9:25am

Drought conditions in Minnesota are getting worse and spreading.

For the first time this season, Anoka County in the north metro and areas near St. Cloud and Rochester have reached extreme drought conditions while a large swath of east central Minnesota, including most of the metro area, have reached severe drought levels, according to the latest report from the U.S. Drought Monitor.

The report released every Thursday shows where drought is happening in the United States and how bad it is.

This week's report included precipitation that fell through 7 a.m. Tuesday, and did not include rain the came with Wednesday's storms that brought over an inch of rain to some places and barely a trace to others.

Officially, just five-hundredths of an inch of rain fell at the Minneapolis-St. Paul International Airport while places such as Rogers, St. Michael and White Bear Lake picked up an inch or more, according to National Weather Service observers.

"It was a Band-Aid for some," said Mike Griesinger, a meteorologist with the National Weather Service in the Twin Cities. "It was enough for some to slow things down. It may have bought us a week."

But the scarcity of rain — June was one of the driest on record in the Twin Cities — has allowed drought conditions to expand, a real concern with a prolonged heat wave on the way.

Other than a slight chance for showers on Friday and Saturday, the next week looks hot and dry as air parked over the southern and southwestern United States — where the mercury has been consistently over 100 degrees for weeks — breaks off and moves into Minnesota.

"We have a good opportunity to notch more 90s next week," Griesinger said.

The forecasted high for Tuesday is 95 degrees, followed by 97 degrees on Wednesday, which would be the hottest readings of the season in the Twin Cities.

**Tim Harlow** covers traffic and transportation issues in the Minneapolis-St. Paul area, and likes to get out of the office, even during rush hour. He also covers the suburbs in northern Hennepin and all of Anoka counties, plus breaking news and weather.