

Nowthen City Office
8188 199th Ave. NW
Nowthen MN, 55330
(763)-441-1347



Council Meeting Location:
Historic Townhall
19800 Nowthen Blvd NW
Nowthen MN, 55330

Nowthen City Council
April 11, 2023
7:00 pm

1. Call to Order
 - Pledge of Allegiance
 - Roll Call
 - Approve Agenda
2. Floor Item
3. Consent Agenda
 - A. Approval of City Council Meeting Minutes of Regular Meeting March 14, 2023
 - B. Approval of Claims March 11 – April 7, 2023 and Treasurer's Report
 - C. Approval of Ordinance Amendment 2023-01 Regarding MS4 Permit Requirements and Compliance with the National Pollution Discharge Elimination System Standards.
 - D. Approval of Resolution 2023-XX Approving the Proposed 2024 Upper Rum River Watershed Management Organization Budget.
 - E. Approval of Resolution 2023-XX Changing Adrienne Christensen's Resignation Date to April 7th, 2023.
4. Engineering
5. Fire Department
6. Sheriff's Department
7. Planning and Zoning
8. Administrator Update
 - A. 1st Quarter 2020 Payroll tax refund coming.
 - B. Adrienne's Goodbye
 - C. Administrative Assistant Position Update
 - D. Annual Audit Update
 - E. Recycling Day May 20th. Spring Recycle Event will be held on Saturday, May 20th, 8:00 - 1:00. As in the past the mayor and council members have volunteered their time to assist staff at the event. Hopefully with this advance notice you can work it into your schedule.
9. City Council
 - A. **OLD BUSINESS**
 - B. **NEW BUSINESS**
 - 1.) Approval of Resolution 2023-XX Authorizing the Hire of Donna Ogdahl for the Full-time Administrative Assistant Position.
 - C. **ITEMS MOVED FROM CONSENT AGENDA (IF NEEDED)**
10. Adjourn

**Nowthen City Council
March 14, 2023
Regular Meeting Minutes**

1. CALL TO ORDER

Mayor Pilon called the meeting to order at 7:01 pm.
All present recited the Pledge of Allegiance.

Present: Mayor Pilon, Council Members Rainville, Breyen, Fladebo, Alders

Also in attendance: Administrator Lehner, Deputy Clerk Johnson, Lieutenant Jacobson, Assistant Fire Chief Schrag and Sheriff Brad Wise, Deputy Jeff Barrett and Deputy Chris Fjeld

MOTION BY COUNCIL MEMBER RAINVILLE, SECONDED BY BREYEN TO APPROVE THE AGENDA AS PRESENTED. MOTION CARRIED. 5 AYES.

2. FLOOR ITEMS

None

3. CONSENT AGENDA

MOTION BY COUNCIL MEMBER FLADEBO, SECONDED BY BREYEN TO ACCEPT THE CONSENT AGENDA AS PRESENTED. MOTION CARRIED. 5 AYES.

4. ENGINEERING DEPARTMENT: NONE

5. FIRE DEPARTMENT REPORT

Assistant Fire Chief Schrag presented the February 2023 report. For the month of February 2023, the Fire Department responded to 14 incidents (2 more than the previous month) with an average response time of 10 minutes and 47 seconds (1 minute 12 second decrease from January). The average number of firefighters attending calls for service was 4.85. The Fire Department reports a \$55,000 loss from the fires during the month of February.

Notable calls:

A structure fire on Feb. 19th.

A fully engulfed 2021 Dodge Ram with damages estimated to be \$55,000.

The Fire Department completed its annual run (NFIRS) reporting to the Department of Public Safety for 2022.

The fire chief met with the fire chief from Elk River to discuss Auto-Aid options between the two cities with Elk River Station 3 now fully operational.

The Fire Department is planning for a spring open house on May 24th designed specifically for recruitment.

A drawing of the new fire truck was provided to the city council although the actual delivery is still a significant time away, noting that if the Fire Department ordered it today, it would be at least a 3-year waiting period.

6. SHERIFF'S DEPARTMENT REPORT

Lt. Jacobson introduced the new Sheriff, Mr. Brad Wise.

Sheriff Wise introduced himself and told the city council about himself, his experience and how happy he is to be the new sheriff for Anoka County.

Mayor Pilon stated the city is pleased with the service the Sheriff's Department has been providing the city and the city is glad the Sheriff's Department is enjoying the sub-station as much as the city has. The sheriff stated recruitment is still tough using Coon Rapids as an example, 5 open positions and only 7 applications had been received. Sheriff Wise also stated the Sheriff's department intends to continue the relationship with the city with 12-hour service and 24/7 county back fill service.

Lt. Jacobson introduced the deputies assigned to Nowthen. First up, returning Deputy Jeff Barrett. Deputy Barrett introduced himself and the new council members were introduced. He told the city council about his experience and how much he enjoys being in Nowthen. He is still field training and confirmed applicants are lacking. Summarizing how it has been in Nowthen since he started last summer, he stated it's a pretty quiet community, always have runaways at Bar None, and the biggest issue is County Road 22 and County Road 5 are like racetracks. He felt speeding is the biggest issue Nowthen has. Even DUIs are not that bad, and the local establishments are welcoming. People around here seem to use sober drivers well. Second up, Deputy Chris Fjeld. This is his 12th year. He has been a recreational vehicle sheriff, drone pilot and a rescue diver. He likes Nowthen and has been making a point to stop into businesses and everyone has been welcoming.

Question asked by a Council Member: Are the officers applying for open positions experienced or new officers? Sheriff Wise responded that applicants are law enforcement officers from other locations with a less than liked management style. In order to recruit new, young people, law enforcement officers need to be regarded as an elevated profession such as doctors, dentists, lawyers. The professionalism in the Sheriff's Department is outstanding. It should be an honor to serve with the backing of cities, counties, and states. The culture in Anoka County is good. The reason officers leave departments is usually due to the culture or money. Another question: What do you do differently to keep deputies? The sheriff responded that he has three goals for every employee. 1. They leave on their terms, whether it is retiring or moving on. 2. They leave mentally healthy. 3. They leave physically healthy. He is sincere in wanting his staff's mental and physical health to be a priority. His administration is dedicated to get young deputies to have bonds with senior deputies. He thanked the city for its commitment to and support for the Sheriff's Department.

Lt. Jacobson returned to the podium to give the February Sheriff's report. The Sheriff's Department responded to 82 calls in the month of February. 1 to Bar None, 6 Alarms, 11 Medicals and 8 Animal Complaints.

Bar None: At the request of Anoka County Probation, a juvenile male was arrested on an outstanding felony warrant.

Notable calls:

A deputy responded to a suspicious vehicle/person call. The caller saw a female with her car parked in the middle of the road and sitting in the mud. The responding deputy recognized this was a mental health crisis

and assisted her by arranging transport to a hospital for care. This was a good job by our deputy. A deputy responded to a call where the reporting party indicated there were misc. tools and equipment stolen from an unsecured barn. The theft could have happened in June or July of 2022. A deputy responded to a report of a snowmobile crash with injuries. The driver lost control when she struck a deep ditch and suffered injuries to her shoulders and legs. She was transported to Mercy Hospital for care.

Administrator Lehner commented that he appreciates the relationship and communication the sheriff's office has with administration very much, along with the weekly reports of calls that are provided. The Lt. stated they are proud to be a part of this community and the City of Nowthen along with being very happy to be here.

7. PLANNING AND ZONING: NONE

8. ADMINISTRATOR'S UPDATE:

- a) Pay Equity Report: The city received notice that the city was in non-compliance with the MN Management and Budget department for not submitting the Pay Equity Report that was due in February of 2021 and not completed by the previous administration. Deputy Clerk Johnson is working on the report by pulling 2020 numbers and will get the report submitted noting the next time this report is due, February of 2024. To complete the report, the 2018 pointing system will be used. To complete the new report due in 2024, the city will need to have a 3rd party come in to write up actual job descriptions, create a step system, along with a points system based on the state job match points system for the new positions that have been created in the past year.
- b) MS4 Audit update: The audit was held via teams meeting Feb. 27, 2023, with the MN Pollution Control Agency. The city engineer, Shane Nelson, city planner, Liz Stockman, Public Works Supervisor, Joe Glaze, Mayor Pilon and Administrator Lehner participated in this audit. This audit went well. The city will have a few corrective actions, but nothing serious. There are a few minor violations and once the city receives the report, corrective actions will be put in place. The city is now more educated and will be better educated in the future going forward. Mr. Nelson had many answers to the questions as he has been the city engineer for over 20 years, but if he wasn't here, the answers need to be known by others. Moving forward, the city will be more thorough especially with educating the public and more specific education for Nowthen residents and contractors. The city will have to update our ordinance in place and will be following up with documentation & education as the City of Nowthen needs to have own information. Thank you to Mr. Glaze for putting in the work he did – he knows his stuff!
- c) Recycling Attendant Update: Both of the attendants are doing well and getting up to speed. They have both been trained initially on the baler by Eric Madson and are pushing hard to being fully confident in its operation. Administration is hoping to move to promised hours by April 1. Tuesday – Thursday 11:00 am to 7:00 pm will be handled by Amy, Wednesday-Friday 11:00 pm – 5:00 pm will be handled by Christy and alternating Saturday mornings 8:00 am - Noon. If you haven't stopped by, go check it out. Asst. Fire Chief Schrag noted when he was over there it looked and smells good. Council Member Breyen offered to help with the baler if the attendants needed any assistance.
- d) Snow Plowing Update: The city's maintenance crew has been out many days without a day off. Between plowing, sanding, and salting, and repairs, they are putting in many hours. THANK YOU for all the hard work and time away from your families. Sometimes they are discouraged by resident complaints but 99% of the time they are doing an exceptional job; they care about this city and its residents. The new truck is here and fully operational. Care is being taken to make sure it remains in great condition with weather tech flooring, seat covers and new wrapping coming soon to show City of Nowthen pride in our equipment. Thank you council for the approval for this new fully functional vehicle. Come take a look at

it. We started the season with 5 plow drivers, and we are now down to 3. We lost one due to money, stating he can make more money somewhere else. Mayor Pilon did a ride along with Administrator Lehner while he was out plowing for 12 hours in blinding snow. Every road had to be done twice that evening. Mr. Glaze has been reliable and dependable. He watches the weather diligently and directs his staff appropriately when it's time to go out. Some gravel roads have been icy, an occasional mailbox goes down, that is just part of the job. Until you know what it is like to not get a good nights sleep, you don't realize how good of a job this department has been doing. Deputy Clerk Johnson recognized Administrator Lehner for being out on the streets beside the staff working as many hours there as in the office. The mayor appreciated the fact that Scott has built a team in the city that has not been there in years past. Even Deputy Clerk Johnson chipped in by feeding the plow drivers after a long night plowing. The staff cares about one another, and the team atmosphere is spreading from staff to residents.

- e) Administrative Assistant Adrienne Christensen will be moving to part-time beginning tomorrow and has turned in her resignation with her last day to be April 11, 2023. She will be attending the next council meeting to say goodbye and express her thanks to the city council for the opportunity she was given to work for the city. Administration is asking for authorization to post the position on the website and the League of MN Cities website, along with the city bulletin board. The city has received one application so far and has an interview set up. The mayor then explained the process that needs to be followed stating the personnel committee will do the interviewing with staff and will make the recommendation to city council, the city council then takes the recommendation in consideration, then will vote to hire or not to hire based upon recommendations. If the committee disagrees on a candidate, they will present their recommendations and the city council will decide on which candidate to hire or not to hire. Discussion whether the city should offer Karen Engh a part-time position (temporary) again to help out during the transition and if Madeline Greenberg could work additional hours up to 40 during this time.

MOTION BY COUNCIL MEMBER RAINVILLE, SECONDED BY ALDERS TO AUTHORIZE STAFF TO OFFER KAREN ENGH PART-TIME HOURS TEMPORARILY BASED ON PREVIOUS TERMS OF EMPLOYMENT UP TO THREE (3) MONTHS.

DISCUSSION ENSUED. COUNCIL MEMBER RAINVILLE'S MOTION AMENDED TO OFFER MADELINE GREENBERG UP TO 40 HOURS A WEEK DURING THIS TRANSITION, NOTING THIS IS STILL A PART-TIME POSITION WITH NO BENEFITS. MOTION CARRIED. 5 AYES.

MOTION BY COUNCIL MEMBER BREYEN, SECONDED BY MAYOR PILON TO APPROVE THE POSTING OF THE ADMINISTRATIVE ASSISTANT POSITION ON THE CITY BULLETIN BOARD, WEBSITE AND LEAGUE OF MN CITIES WEBSITE. MOTION CARRIED. 5 AYES.

- f) City Office Improvements Update: Many things have changed. Deputy Clerk Johnson has gone above and beyond to have these improvements made. The city now has a conference room to be proud of to hold meetings and trainings in. There is new carpet throughout the office, the center island has been moved, new countertops installed, a new mail station, a stairway to the mezzanine in the shop to be code compliant, the old storage closet has been cleaned out, old documents purged, and a new workstation is being created along with a smaller storage room. If you haven't stopped in recently, stop in and see the changes along with the new equipment. A past council member had stopped in and stated the office looked great and she had never been in the shop – please know you all are welcome in the city offices.
- g) Update regarding 181st and Baugh: Planner Stockman and Administrator Lehner have received correspondence expressing interest in this piece of property using 85 acres for solar panels. Discussion ensued. Council Member Rainville asked if the property had been sold and if the city was working with

the current owners for this project? Is the city paying for time and efforts with someone who doesn't even own the property? Questions were asked if there is a benefit to the city? Do current ordinances allow for this type of project? Much discussion. Administrator Lehner stated that there is no ask at this time. This information was just for your information to keep the council up to speed that there was some communication so council members would not be surprised if they heard about this out in the community. There is no action required at this time. Planner Stockman will be reminded to keep the city council apprised of larger projects, developments, commercial development, and business development inquiries in the city.

9. City Council:

- a) Council Member Fladebo stated the LMC class she attended was good information, especially being a new city council member. She completed internet-based classes first, then attended in person with a hands-on approach. She made some connections with other city council members with cities close to Nowthen's size and the networking was great. The commute, however, was tough due to the winter conditions with black ice.
- b) The mayor announced that the Elkin's Bill was in hearing. Met Council is trying to repeal the City of Nowthen's exemption. Things are moving very quickly in the current MN legislation. Mayor Pilon and Administrator Lehner met with both our Representative and Senator about this issue when they attended "City Day on the Hill."

MOTION TO ADJOURN BY COUNCIL MEMBER FLADEBO, SECONDED BY RAINVILLE. MOTION CARRIED. 5 AYES.

Meeting adjourned at 8:56 pm.

Respectfully submitted,

Scott Lehner, City Administrator

Jeffrey M. Pilon, Mayor

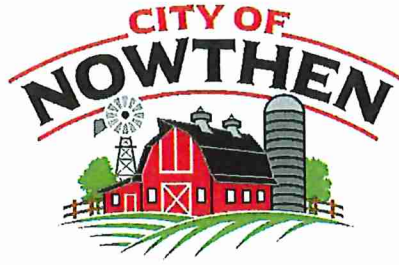


SIGN - IN SHEET

Meeting: Nowthen City Council Date: March 14, 2023

PLEASE PRINT

	NAME	ADDRESS
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FLOOR ITEMS

SIGN - IN SHEET

Meeting: Nowthen City Council Date: March 14, 2023

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CITY OF NOWTHEN TREASURER'S REPORT

CITY OF NOWTHEN TREASURER'S REPORT						March 30, 2023
CASH:						
DATE						
DATE	LOCATION	ACCT. TYPE	Interest Earned	BALANCE		
3/30/2023	Pine River State Bank	Checking Acct.		\$147,649.63		
3/30/2023	PMA Financial Network	CD's Fixed Income		\$2,455,496.88		
3/30/2023	4M, 4MP & GO Funds	Money Market Fund	\$0.00	\$710,820.59		
				\$3,313,967.10		
				\$ (35,303.07)		
				\$ 3,278,664.03		
				\$ 3,278,664.03		
SCHEDULE 1 Ending Balance:						

Submitted By: *Natalie Johnson*

Payments

Current Period: April 2023

Payments Batch Add 4-11-23 checks **\$106,090.75**

Refer 2104813 *Anoka County Treasurer*
Cash Payment E 100-42110-310 Professional Services 2nd Quarter L/E Contract Payment **\$105,730.75**
 Invoice S230405G 4/6/2023
 Transaction Date 4/11/2023 Checking 10100 **Total \$105,730.75**

Refer 2104814 *LJ ELECTRIC, INC.*
Cash Payment E 100-41710-404 Repairs and Maintenan Replace Fan in Ladies Bathroom **\$360.00**
 Invoice 607 7/10/2023
 Transaction Date 4/11/2023 Checking 10100 **Total \$360.00**

Fund Summary

	10100 Checking	
100 General Fund	\$106,090.75	
	<u>\$106,090.75</u>	

Pre-Written Check	\$0.00
Checks to be Generated by the Computer	\$106,090.75
Total	<u>\$106,090.75</u>

CITY OF NOWTHEN
Payments

04/10/23 1:24 PM

Page 1

Current Period: March 2023

Payments Batch 4-11-23 Checks **\$70,159.26**

Refer <u>2104811 A&B Welding & Construction Inc</u> -				
Cash Payment	E 100-43110-404	Repairs and Maintenanc	Repair Plow Bracket	\$262.00
Invoice savers				
Transaction Date	4/10/2023	Checking	10100	Total <u>\$262.00</u>
Refer <u>2104769 A&B Welding & Construction Inc</u> -				
Cash Payment	E 100-43110-404	Repairs and Maintenanc	Repair Red Dump Truck	\$2,534.91
Invoice 48277 3/21/2023				
Transaction Date	3/27/2023	Checking	10100	Total <u>\$2,534.91</u>
Refer <u>2104785 ACME TOOLS PLYMOUTH</u> -				
Cash Payment	E 100-42210-240	Small Tools and Minor E	Tools for FD	\$3,448.00
Invoice 11121498 3/31/2023				
Transaction Date	4/5/2023	Checking	10100	Total <u>\$3,448.00</u>
Refer <u>2104787 ADAMS PEST CONTROL</u> -				
Cash Payment	E 100-42210-310	Professional Services	FD Pest Control	\$121.00
Invoice 3622806 3/23/2023				
Transaction Date	4/5/2023	Checking	10100	Total <u>\$121.00</u>
Refer <u>2104768 AIR COMFORT HEATING & AIR CO</u> -				
Cash Payment	E 100-41710-404	Repairs and Maintenanc	Repair City Office Furnace	\$242.30
Invoice 58746-12203 3/16/2023				
Transaction Date	3/27/2023	Checking	10100	Total <u>\$242.30</u>
Refer <u>2104802 Anoka Co. Fire Protection Coun</u> -				
Cash Payment	E 100-42210-305	Prof Servies ; Fire	2023 Allocation fee	\$3,523.00
Invoice 271 3/31/2023				
Transaction Date	4/5/2023	Checking	10100	Total <u>\$3,523.00</u>
Refer <u>2104771 Anoka County Treasurer</u> -				
Cash Payment	E 100-41710-375	Property Taxes	19800 Nowthen Blvd NW PID 20-33-25-44-0005	\$21.30
Invoice				
Cash Payment	E 100-41710-375	Property Taxes	8188 199th Ave NW PID 20-33-25-44-0012	\$155.54
Invoice				
Cash Payment	E 100-41710-375	Property Taxes	PID 20-35-25-44-0013 Unassigned Situs	\$69.14
Invoice				
Transaction Date	3/27/2023	Checking	10100	Total <u>\$245.98</u>
Refer <u>2104767 Anoka County Treasurer</u> -				
Cash Payment	E 100-41420-310	Professional Services	Truth in Taxation / Special Assessment Fee	\$1,076.27
Invoice 3/20/2023				
Transaction Date	3/27/2023	Checking	10100	Total <u>\$1,076.27</u>
Refer <u>2104762 ARAMARK</u> -				
Cash Payment	E 100-43110-420	Uniforms	PW Uniforms	\$43.33
Invoice 6290108447 3/14/2023				
Cash Payment	E 100-43110-420	Uniforms	PW Uniforms	\$43.33
Invoice 6290110809 3/21/2023				
Transaction Date	3/27/2023	Checking	10100	Total <u>\$86.66</u>
Refer <u>2104786 Central Hydraulics, Inc.</u> -				
Cash Payment	E 100-43110-203	General Supplies		\$1.24
Invoice				
Transaction Date	4/5/2023	Checking	10100	Total <u>\$1.24</u>

CITY OF NOWTHEN

04/10/23 1:24 PM

Page 2

Payments

Current Period: March 2023

Refer	2104791	CENTURY COLLEGE	-			
Cash Payment	E 100-42210-435	Training	FD Training - Basement and Attic Fires		\$1,100.00	
Invoice	00763291	12/2/2022		Project 0		
Cash Payment	E 100-42210-435	Training	FD Training - Electric Vehicles & Stored Energy		\$1,100.00	
Invoice	00766152	2/3/2023				
Cash Payment	E 100-42210-435	Training	FD Training - Fire Behavior in a changing world		\$1,190.00	
Invoice	00767766	3/16/2023				
Transaction Date	4/5/2023		Checking	10100	Total	\$3,390.00
Refer	2104810	CENTURY COLLEGE	-			
Cash Payment	E 100-42210-435	Training	The First 5 Minutes		\$1,190.00	
Invoice	00768034	4/7/2023				
Transaction Date	4/7/2023		Checking	10100	Total	\$1,190.00
Refer	2104761	Couri & Ruppe, P.L.L.P.	-			
Cash Payment	E 100-41610-316	Civil Attorney	189th Conference with Liz Stockman		\$102.50	
Invoice		3/27/2023				
Cash Payment	E 100-41610-316	Civil Attorney	Ebony and Garnet - Molnau Trucking		\$153.75	
Invoice		3/27/2023				
Cash Payment	E 100-41610-316	Civil Attorney	General Services		\$358.75	
Invoice		3/27/2023				
Cash Payment	E 100-41610-316	Civil Attorney	Internet Project Contract review		\$922.50	
Invoice		3/27/2023				
Transaction Date	3/27/2023		Checking	10100	Total	\$1,537.50
Refer	2104804	CWJ CONSTRUCTION, INC.	-			
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	Work Station and Office Updates		\$24,632.07	
Invoice	23-1005	4/5/2023				
Transaction Date	4/6/2023		Checking	10100	Total	\$24,632.07
Refer	2104763	D&T and Son Excavating	-			
Cash Payment	E 100-43110-223	Supplies; Building	Camera Inspect to locate 3" pipe		\$250.00	
Invoice	22-0662	3/22/2023				
Transaction Date	3/27/2023		Checking	10100	Total	\$250.00
Refer	2104770	DOCK & DOOR TEC, INC.	-			
Cash Payment	E 100-41710-203	General Supplies	Inspected door		\$207.00	
Invoice	016935	3/27/2023				
Transaction Date	3/27/2023		Checking	10100	Total	\$207.00
Refer	2104797	ERICKSON FLOORING LLC	-			
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	New work space and hallway carpet		\$948.84	
Invoice	1062	2/27/2023				
Transaction Date	4/5/2023		Checking	10100	Total	\$948.84
Refer	2104803	F.I.R.E.	-			
Cash Payment	E 100-42210-435	Training	Ropes and Knots Refresher		\$1,300.00	
Invoice	6132	4/5/2023				
Transaction Date	4/6/2023		Checking	10100	Total	\$1,300.00
Refer	2104777	Hakanson Anderson Associates,	-			
Cash Payment	E 320-41910-303	Prof Services; Engineeri	NT329 Rogers Lake Area		\$240.00	
Invoice						
Cash Payment	E 100-41910-303	Prof Services; Engineeri	NT405-2023 SWPPP		\$5,358.75	
Invoice						

CITY OF NOWTHEN

04/10/23 1:24 PM

Page 3

Payments

Current Period: March 2023

Cash Payment	E 100-41910-303	Prof Services; Engineeri	NT901-2023 General Eng.	New home 22707		\$120.00
			Jarvis Street			
Invoice						
Transaction Date	3/29/2023		Checking	10100	Total	\$5,718.75
Refer	2104796	<i>HYLEN OIL</i>	-			
Cash Payment	E 100-43110-213	Operating Supplies: Lub				\$1,693.86
Invoice 426	4/3/2023					
Transaction Date	4/5/2023		Checking	10100	Total	\$1,693.86
Refer	2104773	<i>J.P. Cooke Company</i>	-			
Cash Payment	E 100-41710-317	Animal Control		Dog Tags exp 2026		\$70.00
Invoice 774025	3/23/2023					
Transaction Date	3/27/2023		Checking	10100	Total	\$70.00
Refer	2104778	<i>Kims Kleaning</i>	-			
Cash Payment	E 100-41710-438	Miscellaneous: Cleanin		March Cleaning		\$450.00
Invoice 9293	3/29/2023					
Transaction Date	3/30/2023		Checking	10100	Total	\$450.00
Refer	2104766	<i>Lawson Products, Inc.</i>	-			
Cash Payment	E 100-43110-203	General Supplies				\$213.88
Invoice 9310427409	3/13/2023					
Transaction Date	3/27/2023		Checking	10100	Total	\$213.88
Refer	2104792	<i>Menards</i>	-			
Cash Payment	E 100-41710-201	Office Supplies		Gen Govt Supplies		\$60.22
Invoice 69858	3/8/2023					
Cash Payment	E 100-43110-203	General Supplies		Public Works Supplies		\$5.98
Invoice 69858	3/8/2023					
Cash Payment	E 100-43110-203	General Supplies		Public Works Supplies		\$39.47
Invoice 69858	3/8/2023					
Transaction Date	4/5/2023		Checking	10100	Total	\$105.67
Refer	2104793	<i>Menards</i>	-			
Cash Payment	E 100-42210-223	Supplies; Building		Fire Supplies		\$29.04
Invoice 69797	3/7/2023					
Transaction Date	4/5/2023		Checking	10100	Total	\$29.04
Refer	2104794	<i>Menards</i>	-			
Cash Payment	E 100-42210-223	Supplies; Building		Fire Supplies		\$175.54
Invoice 70271	3/16/2023					
Transaction Date	4/5/2023		Checking	10100	Total	\$175.54
Refer	2104795	<i>Menards</i>	-			
Cash Payment	E 100-43110-203	General Supplies		Public Works Supplies		\$8.96
Invoice 71667	3/24/2023					
Transaction Date	4/5/2023		Checking	10100	Total	\$8.96
Refer	2104809	<i>Menards</i>	-			
Cash Payment	E 100-42210-215	Operating Supplies: Sho		Fire Supplies		\$14.99
Invoice						
Cash Payment	E 100-43110-203	General Supplies		Public Works Supplies		\$145.98
Invoice						
Transaction Date	4/6/2023		Checking	10100	Total	\$160.97
Refer	2104779	<i>NATALIE JOHNSON</i>	-			

CITY OF NOWTHEN

04/10/23 1:24 PM

Page 4

Payments

Current Period: March 2023

Cash Payment	E 100-41420-439	Mileage/Travel	Mileage Reimbursement - Clerk Conference	\$55.28
Invoice				
Transaction Date	3/30/2023	Checking	10100	Total \$55.28
Refer	2104789 <i>Plaisted Companies Inc.</i>			
Cash Payment	E 100-43110-440	Gravel, Rock, Etc.	Road Salt/Sand	\$2,266.27
Invoice 58840	3/31/2023			
Cash Payment	E 100-43110-440	Gravel, Rock, Etc.	Road Salt/Sand	\$201.69
Invoice 58839	3/31/2023			
Transaction Date	4/5/2023	Checking	10100	Total \$2,467.96
Refer	2104764 <i>PRO HYDRO-TESTING LLC</i>			
Cash Payment	E 100-42210-310	Professional Services	Hydro Testing	\$472.00
Invoice 104355	11/29/2022			
Transaction Date	3/27/2023	Checking	10100	Total \$472.00
Refer	2104784 <i>RBs Computer Service</i>			
Cash Payment	E 100-41710-310	Professional Services	Monthly Contract	\$1,912.17
Invoice 41350	4/1/2023			
Transaction Date	4/5/2023	Checking	10100	Total \$1,912.17
Refer	2104812 <i>SAVERS PAINTING LLC</i>			
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	Balance Due on existing work at HISTORIC TOWN HALL	\$3,500.00
Invoice				
Transaction Date	4/10/2023	Checking	10100	Total \$3,500.00
Refer	2104776 <i>STERICYLE</i>			
Cash Payment	E 603-43220-441	Hauling	Shred it pick up 3/20/23	\$906.66
Invoice 8003568880	3/24/2023			
Transaction Date	3/29/2023	Checking	10100	Total \$906.66
Refer	2104790 <i>US Bank Equipment Finance</i>			
Cash Payment	E 100-41420-415	Rentals; Other Equipme	Ricoh Lease - Equip ID 148568	\$596.75
Invoice 497930289	3/24/2023			
Transaction Date	4/5/2023	Checking	10100	Total \$596.75
Refer	2104775 <i>Weiss Electric Inc.</i>			
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	Electrical for new work station, hallway, storage areas	\$5,000.00
Invoice				
Transaction Date	3/29/2023	Checking	10100	Total \$5,000.00
Refer	2104780 <i>Weiss Electric Inc.</i>			
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	Loft Lights & Scotts office dimming	\$1,625.00
Invoice				
Transaction Date	4/3/2023	Checking	10100	Total \$1,625.00

Payments

Current Period: March 2023

Fund Summary

	10100 Checking
100 General Fund	\$33,306.69
320 2021A GO Improvement Bonds	\$240.00
410 Building Capital Improvement	\$35,705.91
603 Recycling Center	\$906.66
	<hr/>
	\$70,159.26

Pre-Written Check	\$0.00
Checks to be Generated by the Computer	\$70,159.26
Total	<hr/>
	\$70,159.26

CITY OF NOWTHEN

04/05/23 1:02 PM

Page 1

Payments

Current Period: March 2023

Payments Batch April 23 Auto Pymts		\$4,766.52	
Refer	2104801 ARVIG ENTERPRISES	-	
Cash Payment	E 100-41710-323 Communications - Inter Account Number: 00030847900014		\$1,032.35
Invoice			
Transaction Date	4/5/2023	Checking	10100
			Total
			\$1,032.35
Refer	2104798 CenterPoint Energy	-	
Cash Payment	E 100-42210-383 Utility Services: Gas Utili Fire 7618235-1		\$497.49
Invoice			
Cash Payment	E 100-41710-383 Utility Services: Gas Utili City Hall 7627764-9		\$286.03
Invoice			
Cash Payment	E 100-41710-383 Utility Services: Gas Utili Public Wks 7632820-2		\$903.30
Invoice			
Cash Payment	E 603-43220-383 Utility Services: Gas Utili Recycle Center 11829810-8		\$903.30
Invoice			
Transaction Date	4/5/2023	Checking	10100
			Total
			\$2,590.12
Refer	2104799 Century Link	-	
Cash Payment	E 100-41710-321 Telephone 763-441-4338 640		\$137.23
Invoice			
Transaction Date	4/5/2023	Checking	10100
			Total
			\$137.23
Refer	2104772 Connexus Energy	-	
Cash Payment	E 603-43220-381 Utility Services: Electric Acct 303167 Recycle Street Light		\$7.43
Invoice			
Cash Payment	E 100-45210-381 Utility Services: Electric Acct 178679 Twin Lakes		\$40.48
Invoice			
Cash Payment	E 100-41710-381 Utility Services: Electric Acct 179210 City Hall		\$99.52
Invoice			
Cash Payment	E 100-42210-381 Utility Services: Electric Acct 239560 Fire Hall		\$186.06
Invoice			
Cash Payment	E 100-41710-381 Utility Services: Electric Acct 240364 Salt Barn		\$22.05
Invoice			
Cash Payment	E 603-43220-381 Utility Services: Electric Acct 254434 Recycle Center		\$60.43
Invoice			
Cash Payment	E 100-41710-381 Utility Services: Electric Acct 294586 Shop & Office		\$481.59
Invoice			
Cash Payment	E 100-42210-381 Utility Services: Electric Acct 311409 Ice Rinks		\$28.91
Invoice			
Transaction Date	3/27/2023	Checking	10100
			Total
			\$926.47
Refer	2104800 Wright-Hennepin Cooperative EI	-	
Cash Payment	E 100-41710-321 Telephone Security Acct #150-1681-6611		\$80.35
Invoice			
Transaction Date	4/5/2023	Checking	10100
			Total
			\$80.35

Payments

Current Period: March 2023

Fund Summary

	10100 Checking	
100 General Fund		\$3,795.36
603 Recycling Center		\$971.16
		<hr/>
		\$4,766.52

Pre-Written Check	\$0.00
Checks to be Generated by the Computer	\$4,766.52
	<hr/>
Total	\$4,766.52

CITY OF NOWTHEN

04/04/23 1:08 PM

Page 1

Payments

Current Period: March 2023

Payments Batch March Auto Payments				\$12,669.08
Refer	2104721 ARVIG ENTERPRISES			
Cash Payment	E 100-41710-323	Communications - Inter	Account Number: 00030847900014	\$1,032.35
Invoice				
Transaction Date	3/7/2023	Checking	10100	Total \$1,032.35
Refer	2104725 Cardmember Service			
Cash Payment	E 100-41710-203	General Supplies	Frames for Pictures	\$45.98
Invoice				
Cash Payment	E 100-41420-435	Training	Hotel for Natalie's training in Bloomington	\$159.19
Invoice				
Cash Payment	E 100-41420-435	Training	Meal for Natalie's training in Bloomington	\$25.80
Invoice				
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	TV Brackets for Conference Room TV	\$59.99
Invoice				
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	TV for Conference Room	\$539.99
Invoice				
Cash Payment	E 100-41420-201	Office Supplies	Candy	\$91.97
Invoice				
Cash Payment	E 100-41710-203	General Supplies	Light Bulbs for office	\$257.97
Invoice				
Cash Payment	E 100-41710-203	General Supplies	City Council Meeting Supplies	\$17.14
Invoice				
Cash Payment	E 410-41410-520	Capital Outlay: Buildings	Conference room chairs	\$771.92
Invoice				
Cash Payment	E 100-41710-203	General Supplies	City Council Meeting Supplies	\$17.74
Invoice				
Cash Payment	E 100-41420-435	Training	Registration for Natalie for MCFOA Annual Conference	\$380.00
Invoice				
Cash Payment	E 100-41710-203	General Supplies	Finken Water	\$13.50
Invoice				
Cash Payment	E 100-41110-435	Training	Mayor Pilon - Day on the Hill Registration	\$99.00
Invoice				
Cash Payment	E 100-41420-435	Training	Administrator Lehner - Day on the Hill Registration	\$99.00
Invoice				
Cash Payment	E 100-41710-203	General Supplies	Coffee filters & OJ	\$5.87
Invoice				
Cash Payment	E 100-41420-322	Postage	Stamps.com	\$17.99
Invoice				
Cash Payment	E 100-41420-201	Office Supplies	Returned item	-\$98.94
Invoice				
Cash Payment	E 100-43110-203	General Supplies	Returned items	-\$235.17
Invoice				
Cash Payment	E 100-43110-203	General Supplies	Returned items	-\$35.21
Invoice				
Transaction Date	3/7/2023	Checking	10100	Total \$2,233.73
Refer	2104728 CenterPoint Energy			
Cash Payment	E 100-42210-383	Utility Services: Gas Utili	Fire 7618235-1	\$582.16
Invoice				

CITY OF NOWTHEN

04/04/23 1:08 PM

Page 2

Payments

Current Period: March 2023

Cash Payment	E 100-41710-383	Utility Services: Gas Utili	City Hall 7627764-9		\$353.34
Invoice					
Cash Payment	E 100-41710-383	Utility Services: Gas Utili	Public Wks 7632820-2		\$1,075.98
Invoice					
Cash Payment	E 603-43220-383	Utility Services: Gas Utili	Recycling Center 1182980-8		\$103.78
Invoice					
Transaction Date	3/7/2023	Checking	10100	Total	\$2,115.26
Refer	2104722	Century Link			
Cash Payment	E 100-41710-321	Telephone	763-441-4338 640		\$137.23
Invoice					
Transaction Date	3/7/2023	Checking	10100	Total	\$137.23
Refer	2104723	Connexus Energy			
Cash Payment	E 603-43220-381	Utility Services: Electric	Acct 303167 Recycle Street Light		\$7.49
Invoice					
Cash Payment	E 100-45210-381	Utility Services: Electric	Acct 178679 Twin Lakes		\$46.89
Invoice					
Cash Payment	E 100-41710-381	Utility Services: Electric	Acct 179210 City Hall		\$115.65
Invoice					
Cash Payment	E 100-42210-381	Utility Services: Electric	Acct 239560 Fire Hall		\$292.31
Invoice					
Cash Payment	E 100-41710-381	Utility Services: Electric	Acct 240364 Salt Barn		\$22.11
Invoice					
Cash Payment	E 603-43220-381	Utility Services: Electric	Acct 254434 Recycle Center		\$70.72
Invoice					
Cash Payment	E 100-41710-381	Utility Services: Electric	Acct 294586 Shop & Office		\$477.12
Invoice					
Cash Payment	E 100-42210-381	Utility Services: Electric	Acct 311409 Ice Rinks		\$41.35
Invoice					
Transaction Date	3/7/2023	Checking	10100	Total	\$1,073.64
Refer	2104783	DELTA DENTAL OF MINNESOTA			
Cash Payment	G 100-20240	Health Insurance	Dental Insurance		\$177.50
Invoice					
Transaction Date	4/4/2023	Checking	10100	Total	\$177.50
Refer	2104744	FIRSTNET			
Cash Payment	E 100-42210-321	Telephone	Wireless, Fire Department Account #287306169645		\$38.23
Invoice					
Transaction Date	3/9/2023	Checking	10100	Total	\$38.23
Refer	2104737	Health Equity			
Cash Payment	E 100-43110-113	Health Savings Account	H S A Monthly fee		\$8.85
Invoice					
Transaction Date	3/8/2023	Checking	10100	Total	\$8.85
Refer	2104738	MN PEIP			
Cash Payment	G 100-20240	Health Insurance	April Health Insurance		\$3,930.64
Invoice	1269018	3/10/2023			
Transaction Date	3/8/2023	Checking	10100	Total	\$3,930.64
Refer	2104705	OFFICE LIQUIDATORS, INC.			
Cash Payment	E 100-41410-520	Capital Outlay: Buildings	Conference Room Table		\$878.00
Invoice	27489	3/2/2023			

CITY OF NOWTHEN

04/04/23 1:08 PM

Page 3

Payments

Current Period: March 2023

Transaction Date	3/2/2023	Checking	10100	Total	\$878.00
Refer	2104781 Pine River State Bank				-
Cash Payment	E 100-41420-388	Fin.Charge, Late Fee, B	MONTHLY ACH FEE		\$7.00
Invoice					
Transaction Date	4/4/2023	Checking	10100	Total	\$7.00
Refer	2104782 WALTERS RECYCLING AND REFU				-
Cash Payment	E 603-43220-384	Utility Services: Trash	Recycle Center		\$602.06
Invoice					
Transaction Date	4/4/2023	Checking	10100	Total	\$602.06
Refer	2104749 WEX Fleet Card				-
Cash Payment	E 100-42210-212	Fuel	Fire Admin Fuel		\$175.67
Invoice					
Cash Payment	E 100-43110-212	Fuel	Public Works Fuel		\$175.55
Invoice					
Cash Payment	E 100-43110-212	Fuel	Public Works Fuel		\$3.02
Invoice					
Transaction Date	3/10/2023	Checking	10100	Total	\$354.24
Refer	2104724 Wright-Hennepin Cooperative El				-
Cash Payment	E 100-41710-321	Telephone	Security Acct #150-1681-6611		\$80.35
Invoice					
Transaction Date	3/7/2023	Checking	10100	Total	\$80.35

Fund Summary

	10100 Checking	
100 General Fund		\$10,513.13
410 Building Capital Improvement		\$1,371.90
603 Recycling Center		\$784.05
		<u>\$12,669.08</u>

Pre-Written Check	\$0.00
Checks to be Generated by the Computer	\$12,669.08
Total	<u>\$12,669.08</u>

CITY OF NOWTHEN
Payments

03/28/23 2:36 PM
Page 1

Current Period: March 2023

Payments Batch 032823PAY \$65.00

<u>Refer</u> 2104774 <i>Anoka County Treasurer</i>	<u>Ck#</u> 032173 3/28/2023	
Cash Payment E 100-41110-435 Training	Local Govt Officials Meeting Dinner \$13 x 4 Council Members (Pilon, Rainville, Fladebo, Breyen)	\$52.00

Invoice		
Cash Payment E 100-41420-435 Training	Local Govt Officials Meeting Dinner \$13 x 1 Administrator Lehner	\$13.00

Invoice		
Transaction Date 3/28/2023	Checking 10100	Total \$65.00

Fund Summary

	10100 Checking	
100 General Fund	\$65.00	
	\$65.00	

Pre-Written Check	\$65.00
Checks to be Generated by the Computer	\$0.00
Total	\$65.00

CITY OF NOWTHEN
Payments

03/27/23 2:46 PM
Page 1

Current Period: March 2023

Payments Batch 032723PAY \$5,000.00

Refer 2104760 SAVERS PAINTING LLC Ck# 032172 3/27/2023
Cash Payment E 410-41410-520 Capital Outlay: Buildings Historic Town Hall 2 Office Floors redone with Epoxy \$5,000.00

Invoice
 Transaction Date 3/27/2023 Checking 10100 **Total** \$5,000.00

Fund Summary

	10100 Checking
410 Building Capital Improvement	\$5,000.00
	<hr/> \$5,000.00

Pre-Written Check	\$5,000.00
Checks to be Generated by the Computer	\$0.00
Total	<hr/> \$5,000.00

CITY OF NOWTHEN

03/20/23 1:08 PM

Page 1

Payments

Current Period: March 2023

Payments Batch 032023PAY-2 \$971.26

Refer	2104759 CHRISTIE WALL	Ck# 032170 3/20/2023		
Cash Payment	E 603-43220-420 Uniforms	Reimburse for Boots		\$109.99
Invoice				
Cash Payment	E 603-43220-215 Operating Supplies: Sho	Safety glasses		\$8.12
Invoice				
Cash Payment	E 603-43220-215 Operating Supplies: Sho	Coffee Maker		\$25.15
Invoice				
Transaction Date	3/20/2023	Checking	10100	Total \$143.26
Refer	2104758 OFFICE LIQUIDATORS, INC.	Ck# 032171 3/20/2023		
Cash Payment	E 410-41410-520 Capital Outlay: Buildings	New Office Desk		\$828.00
Invoice	27540	3/16/2023		
Transaction Date	3/20/2023	Checking	10100	Total \$828.00

Fund Summary

	10100 Checking
410 Building Capital Improvement	\$828.00
603 Recycling Center	\$143.26
	\$971.26

Pre-Written Check	\$971.26
Checks to be Generated by the Computer	\$0.00
Total	\$971.26

Payments

Current Period: March 2023

Payments Batch 032023PAY \$1,135.00

Refer	2104756 League of Minnesota Cities	Ck# 032169 3/20/2023	
Cash Payment	E 100-41710-435 Training	Staff Training - Scott Registration	\$225.00
Invoice	379523 3/17/2023		
Cash Payment	E 100-41110-435 Training	Council Training - Mayor Pilon and Council Member Rainville Registration	\$910.00
Invoice	379523 3/17/2023		
Cash Payment	E 100-41710-433 Dues and Subscriptions	Membership Dues	\$0.00
Invoice			
Cash Payment	E 100-41110-433 Dues and Subscriptions	CC Member Dues	\$0.00
Invoice			
Transaction Date	3/20/2023	Checking 10100	Total <u>\$1,135.00</u>

Fund Summary

	10100 Checking
100 General Fund	<u>\$1,135.00</u>
	\$1,135.00

Pre-Written Check	\$1,135.00
Checks to be Generated by the Computer	<u>\$0.00</u>
Total	\$1,135.00



REQUEST FOR COUNCIL ACTION

Agenda Item: 3C	Department: Code Compliance	Requested Council Meeting Date: April 11, 2023	Submitted By: Liz Stockman
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TITLE OF ISSUE:

CONSIDER APPROVAL OF ORDINANCE AMENDMENT 2023-01 REGARDING MS4 PERMIT REQUIREMENTS AND COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM STANDARDS

BACKGROUND AND SUPPLEMENTAL INFORMATION:

These changes are mandated by the State of MN after review and update of the City's MS4 Permit which regulates stormwater runoff, design of stormwater control facilities and compliance with the National Pollution Discharge Elimination System (NPDES) standards. As development plans are proposed within the municipality, the city engineer's office reviews them to ensure compliance with the adopted regulations.

SOURCE OF FUNDING:

NA

REQUESTED COUNCIL ACTION:

Motion to approve Ordinance 2023-01 and Summary of Ordinance 2023-01 which will be published on April 14, 2023.

SUPPORTING DOCUMENTS ATTACHED:

Resolution	Ordinance	Contract	Minutes	Plan Map
	X			

Other:

**CITY OF NOWTHEN
ANOKA COUNTY, MINNESOTA**

ORDINANCE NO. 2023-01

**AN ORDINANCE AMENDING CHAPTERS 4 AND 9 OF THE CITY CODE
TO COMPLY WITH MS4 PERMIT REQUIREMENTS AND
NPDES (National Pollution Discharge Elimination System) STANDARDS**

The City Council for the City of Nowthen hereby ordains:

SECTION 1. City Code Section 4-3-10, Accessory Structures, is hereby amended to add the following:

4-3-10: BEST MANAGEMENT PRACTICES:

- E. Salt Storage at commercial, institutional, and non-NPDES permitted industrial facilities must be in compliance with the following:
1. Salt storage must occur in a designated area which is covered or indoors;
 2. Designated salt storage must be located on an impervious surface;
 3. The operator/owner of the property must implement Best Management Practices to reduce exposure when transferring material in designated salt storage areas.

SECTION 2. City Code Section 9-5-6.B is amended as follows:

9-5-6: DESIGN REQUIREMENTS FOR STORMWATER MANAGEMENT:

Projects shall be designed in accordance with the most recent version of the Engineering Manual, the latest edition of the MN Stormwater Manual as published by the MPCA, and the following: (Ordinance 2015-04, adopted September 8, 2015)

- A. Rate Control
1. All projects will be required to control the rate of runoff from the site. Proposed discharge rates shall be equal to or less than the pre-

development discharge rates for the 2-year, 10-year, and 100-year return frequency events.

B. Volume Control

1. A volume equal to 1 inch of runoff from the new or fully reconstructed impervious area of the site shall be retained on-site through infiltration or other volume reducing BMPs as approved by the City Engineer.

2. Infiltration systems must be prohibited when the system would be constructed in one or more of the following areas:
 - a. That receive discharges from vehicle fueling and maintenance areas, regardless of the amount of new and fully reconstructed impervious surface;
 - b. Where high levels of contaminants in soil or groundwater may be mobilized by the infiltrating stormwater. To make this determination, the owners and/or operators of construction activity must complete the Agency's site screening assessment checklist, which is available in the Minnesota Stormwater Manual, or conduct their own assessment. The assessment must be retained with the site plans;
 - c. Where soil infiltration rates are more than 8.3 inches per hour unless soils are amended to slow the infiltration rate below 8.3 inches per hour;
 - d. With less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock;
 - e. Of predominately Hydrologic Soil Group D (clay) soils;
 - f. In an Emergency Response Area (ERA) within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, Subp. 13, classified as high or very high vulnerability as defined by the Minnesota Department of Health;
 - g. In an ERA within a DWSMA classified as moderate vulnerability unless the permittee performs or approves a higher level of engineering review sufficient to provide a functioning treatment system and to prevent adverse impacts to groundwater;

- h. Outside of an ERA within a DWSMA classified as high or very high vulnerability unless the permittee performs or approves a higher level of engineering review sufficient to provide a functioning treatment system and to prevent adverse impacts to groundwater;
- i. Within 1,000 feet upgradient or 100 feet down gradient of active karst features; or
- j. That receive stormwater runoff from these types of entities regulated under NPDES for industrial stormwater: automobile salvage yards; scrap recycling and waste recycling facilities; hazardous waste treatment, storage, or disposal facilities; or air transportation facilities that conduct deicing activities.

- ~~1. Infiltration prohibited. The use of infiltration techniques are prohibited when the infiltration structural stormwater BMP will receive discharges from, or be constructed in, the following areas:
 - ~~a. Where industrial facilities are not authorized to infiltrate industrial stormwater under an NPDES/SDS Industrial Stormwater Permit.~~
 - ~~b. Where vehicle fueling and maintenance occur.~~
 - ~~c. Where less than three (3) feet of separation from the bottom of the infiltration system to the elevation of the seasonably saturated soils or the top of bedrock exists.~~
 - ~~d. Where high levels of contaminants in soil or groundwater will be mobilized by infiltrating stormwater.~~~~
- ~~2. Infiltration restricted. The use of infiltration techniques will be restricted when the infiltration device will be constructed in areas:
 - ~~a. With predominately Hydrologic Soil Group D (clay) soils.~~
 - ~~b. Within 1,000 feet up-gradient, or 100 feet down-gradient of active karst features.~~
 - ~~c. Within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R-4720.5100, subp. 13.~~
 - ~~d. Where soil infiltration rates are more than 8.3 inches per hour. In these restricted areas, the City Engineer may request additional information and/or testing to ensure that infiltration basins will perform properly and that groundwater is adequately protected.~~~~

3. Linear projects

- a. ~~Linear projects that create one acre of new impervious shall meet the above volume control standard if adequate right-of-way allows for the installation of volume reducing BMPs.~~

For linear projects, the water quality volume must be calculated as the larger of one (1) inch times the new impervious surface or one-half (0.5) inch times the sum of the new and fully reconstructed impervious surface.

~~b.~~ Where the lack of right-of-way precludes the installation of volume reducing BMPs, an exception to the volume control standard will be allowed provided that Sections 5.a. thru 5.b. below are met.

~~c.~~ Mill and overlay and other resurfacing activities are not considered fully reconstructed and an exception to the volume control standard will be allowed as the project will not alter the hydrologic response of the watershed.

~~d.~~ A reasonable attempt must be made to obtain right-of-way during the project planning process for volume control practices.

(Subsections 5 and 6 are renumbered to 4 and 5 respectively)

SECTION 3. This Ordinance shall be effective immediately upon its passage and publication.

Passed and adopted this 11th day of April 2023 by the City Council of the City of Nowthen.

Jeff Pilon, Mayor

ATTEST:

Scott Lehner, City Administrator

ATTN: Tonya (tonya.orbeck@apeccm.com). **6 point font**

Please run the following item in the Legal Section of the
April 14, 2023 Anoka County Union Herald.

**CITY OF NOWTHEN
ANOKA COUNTY, MINNESOTA**

SUMMARY OF ORDINANCE NO. 2023-01

**AN ORDINANCE AMENDING CHAPTERS 4 AND 9 OF THE CITY CODE
TO COMPLY WITH MS4 PERMIT REQUIREMENTS AND
NPDES (National Pollution Discharge Elimination System) STANDARDS**

The City Council for the City of Nowthen hereby ordains:

SECTION 1. City Code Section 4-3-10, Accessory Structures, is hereby amended to add the following:

4-3-10: BEST MANAGEMENT PRACTICES:

- E. Salt Storage at commercial, institutional, and non-NPDES permitted industrial facilities must be in compliance with the following:
 - 1. Salt storage must occur in a designated area which is covered or indoors;
 - 2. Designated salt storage must be located on an impervious surface;
 - 3. The operator/owner of the property must implement Best Management Practices to reduce exposure when transferring material in designated salt storage areas.

SECTION 2. City Code Section 9-5-6 is amended as follows:

9-5-6: DESIGN REQUIREMENTS FOR STORMWATER MANAGEMENT: Projects shall be designed in accordance with the most recent version of the Engineering Manual, the latest edition of the MN Stormwater Manual as published by the MPCA, and the following:

- A. Rate Control
 - 1. All projects will be required to control the rate of runoff from the site. Proposed discharge rates shall be equal to or less than the pre-development discharge rates for the 2-year, 10-year, and 100-year return frequency events.

B. Volume Control

1. A volume equal to 1 inch of runoff from the new or fully reconstructed impervious area of the site shall be retained on-site through infiltration or other volume reducing BMPs as approved by the City Engineer.
2. Infiltration systems must be prohibited when the system would be constructed in one or more of the ten (10) defined areas including emergency response areas, hydrologic soils, and in areas with high levels of contaminants (*previously restricted areas are deleted*).
3. Linear Projects
 - a. For linear projects, the water quality volume must be calculated as the larger of one (1) inch times the new impervious surface or one-half (0.5) inch times the sum of the new and fully reconstructed impervious surface.

SECTION 3. This Ordinance shall be effective immediately upon its passage and publication.

This represents the official summary of Ordinance 2023-01 which was approved by the City Council of the City of Nowthen on April 11, 2023. A printed copy of this ordinance is available for inspection by any person at the office of the City Clerk during normal business hours. The ordinance can be viewed in its entirety at the Nowthen City Hall, 8188 199th Avenue NW, Nowthen, MN 55330. Call 763-441-1347 with any questions.

By: Mayor Jeff Pilon

Attest: Scott Lehner, City Administrator

Adopted: April 11, 2023

Published: April 14, 2023 in the Anoka County Union Herald

Effective Date: April 14, 2023

April 6, 2023

Scott Lehner, City Administrator
City of Nowthen

Thank you and please bill:
City of Nowthen
8188 199th Avenue NW
Nowthen, MN 55330



REQUEST FOR COUNCIL ACTION

Agenda Item: 3D	Department: Administration	Requested Council Meeting Date: April 11, 2023	Submitted By: Council Members Fladebo & Breyen
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TITLE OF ISSUE: APPROVAL OF THE 2024 UPPER RUM RIVER WATERSHED MANAGEMENT ORGANIZATION PROPOSED BUDGET.

BACKGROUND AND SUPPLEMENTAL INFORMATION:

The URRWMO has proposed their 2024 budget. For 2024, the overall budget has decreased by \$3,000. Nowthen's portion of the budget is set at \$8854.14 which is a decrease of about \$1,000 from 2023.

SOURCE OF FUNDING: General Fund

REQUESTED COUNCIL ACTION: Motion to approve the 2024 budget.

SUPPORTING DOCUMENTS ATTACHED:

Included is the Draft 2024 URRWMO Proposed Budget. Also included is a draft of the URRWMO Annual Report.

Resolution	Ordinance	Contract	Minutes	Plan Map
X				

Other:

Nowthen City Office
8188 199th Ave. NW
Nowthen MN, 55330
(763)-441-1347



Council Meeting Location:
Historic Townhall
19800 Nowthen Blvd NW
Nowthen MN, 55330

RESOLUTION No. 2023-XX

A RESOLUTION APPROVING THE 2024 BUDGET FOR THE UPPER RUM RIVER WATERSHED MANAGEMENT ORGANIZATION.

WHEREAS, the City of Nowthen, Minnesota is a member of the Upper Rum River Watershed Management Organization, and;

WHEREAS, Watershed staff and city members have prepared a proposed budget for the calendar year 2024, and;

WHEREAS, the Nowthen City Council has had the opportunity to review the budget and has been asked to consider the budget for approval in May, and;

WHEREAS, the budget proposed is reasonable and responsible.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NOWTHEN as follows:

1. The recitals set forth above are incorporated herein.
2. The City Council approves the 2024 Budget for the Upper Rum River Watershed Management Organization.

The motion for the adoption of the foregoing resolution was proposed by Council Member _____ and was duly seconded by Council Member _____ and upon vote being taken thereon, the following voted in favor:

And the following voted against the same:

Passed and adopted by the Nowthen City Council this 11th day of April, 2023.

CITY OF NOWTHEN

By: JEFFREY M. PILON
Its Mayor

ATTEST _____
By: SCOTT LEHNER
Its City Administrator

UPPER RUM RIVER

Watershed Management Organization

COSTS BY CITY

2024 DRAFT Budget

3/8/2023

Notes:

Budget was developed 2019-2028 URRWMO Watershed Management Plan. Community contributions are based on land area and market valuations, per the current Upper Rum River WMO joint powers agreement. The community contributions were updated with the most recent market valuations in 2021. This update is done every five years.

	Bethel	East Bethel	Ham Lake	Nowthen	Oak Grove	St. Francis	TOTAL
% non-operating costs	1.04%	23.85%	1.68%	22.81%	30.48%	20.14%	100.00%
% operating costs -->	16.67%	16.67%	16.67%	16.67%	16.67%	16.67%	100.00%
Sum of 2024 Budget							
Non-operating	\$319.13	\$7,318.61	\$515.52	\$6,999.48	\$9,353.09	\$6,180.16	\$30,686.00
Collaboration/Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Education and Public Outreach	\$36.72	\$842.14	\$59.32	\$805.42	\$1,076.25	\$711.14	\$3,531.00
Non-Operating General	\$32.22	\$738.87	\$52.05	\$706.65	\$944.27	\$623.94	\$3,098.00
Water Quality Improvement Projects	\$172.19	\$3,948.84	\$278.16	\$3,776.65	\$5,046.57	\$3,334.58	\$16,557.00
Water Monitoring	\$78.00	\$1,788.75	\$126.00	\$1,710.75	\$2,286.00	\$1,510.50	\$7,500.00
Studies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Operating	\$1,854.67	\$1,854.67	\$1,854.67	\$1,854.67	\$1,854.67	\$1,854.67	\$11,128.00
Operating Expenses	\$1,854.67	\$1,854.67	\$1,854.67	\$1,854.67	\$1,854.67	\$1,854.67	\$11,128.00
Grand Total	\$2,173.80	\$9,173.28	\$2,370.19	\$8,854.14	\$11,207.76	\$8,034.83	\$41,814.00



BUDGET DETAIL

2024 DRAFT Budget Detail

Notes:
Budget was developed 2020-2029 SRWMO Watershed Management Plan.

3/8/2023



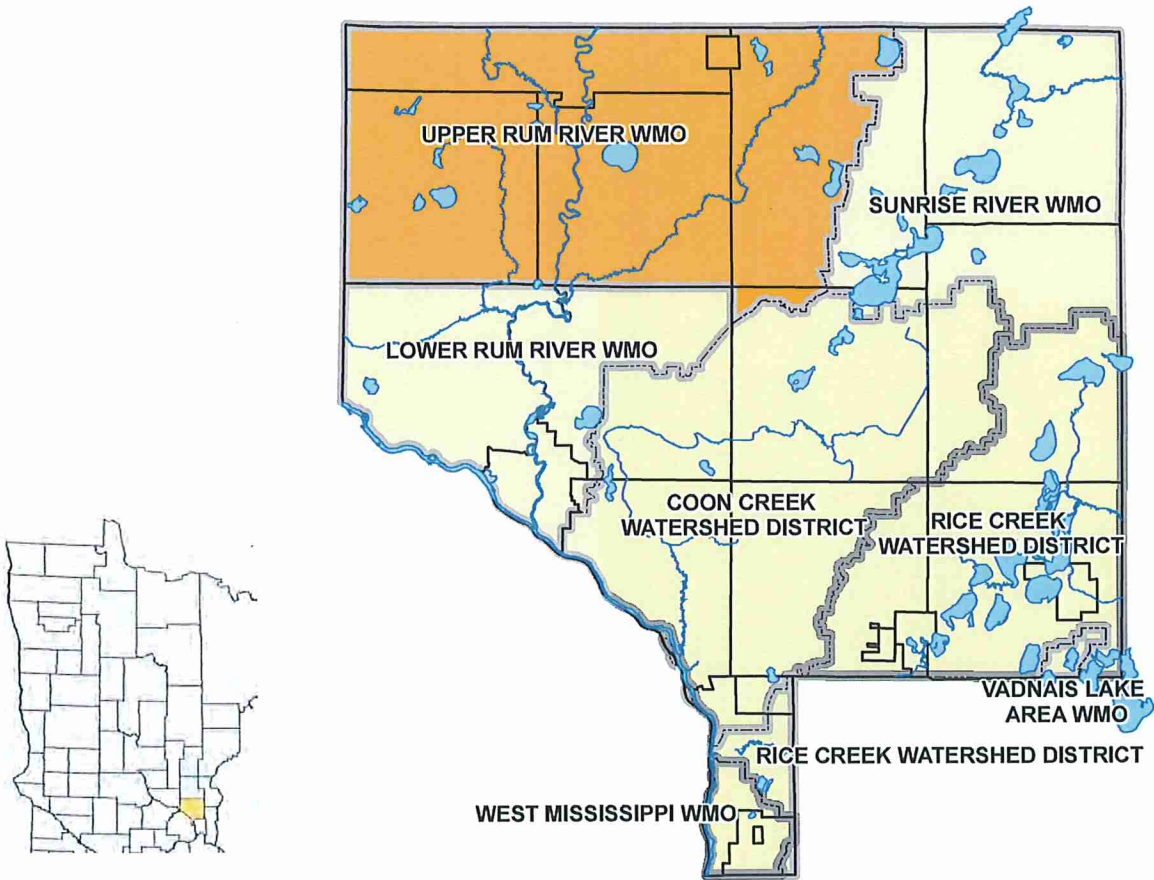
Row Labels	Sum of 2021 Budget	Sum of 2022 Budget	Sum of 2023 Budget	Sum of 2024 Watershed Plan	Sum of 2024 Budget
1 Non-operating					
2 Collaboration/Planning					
3 Aerial photos	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4					
5 Education and Public Outreach					
6 Anoka Co Outreach Coordinator Position	\$1,000.00	\$1,000.00	\$1,250.00	\$0.00	\$1,500.00
7 Website operations/maintenance	\$685.00	\$715.00	\$745.00	\$905.00	\$900.00
8 Rum River biomonitoring with St. Francis High School	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9 Website platform update	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10 URRWMO public education and outreach	\$1,051.00	\$1,077.00	\$1,104.00	\$1,131.00	\$1,131.00
11					
12 Non-Operating General					
13 Watershed Coordinator - Facilitate Technical Advisory Committee (TAC)	\$2,550.00	\$1,723.00	\$425.00	\$1,810.00	\$1,810.00
14 Watershed Coordinator - WRAPS review	\$0.00	\$0.00	\$500.00	\$0.00	\$0.00
15 Watershed Coordinator - Grant applications	\$3,782.00	\$3,877.00	\$1,071.00	\$4,073.00	\$1,288.00
16 5-year Watershed Plan Amendment per BWSR Requirement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17 URRWMO JPA Update				\$0.00	\$0.00
18					
19 Water Quality Improvement Projects					
20 Projects as detailed in the URRWMO 10-year Plan	\$15,375.00	\$15,759.00	\$16,153.00	\$16,557.00	\$16,557.00
21					
22 Water Monitoring					
23 Lake Level Monitoring	\$1,200.00	\$1,200.00	\$1,400.00	\$1,400.00	\$1,400.00
24 Lake Water Quality Monitoring	\$1,900.00	\$0.00	\$2,060.00	\$2,400.00	\$2,400.00
25 Reference Wetland Hydrology Monitoring	\$1,950.00	\$1,950.00	\$2,700.00	\$2,465.00	\$2,465.00
26 Stream Water Quality Monitoring	\$0.00	\$4,350.00	\$4,650.00	\$0.00	\$0.00
27 Water Monitoring Fund	\$2,450.00	\$0.00	\$0.00	\$1,228.00	\$1,235.00
28					
29 Studies					
30 Subwatershed Assessment Studies (SWAs) for priority waterbodies	\$1,537.50	\$0.00	\$2,000.00	\$0.00	\$0.00
31					
32 Operating					
33 Operating Expenses					
34 Advertise Bids for Pro Services (req'd in odd yrs)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
35 Liability Insurance	\$2,477.00	\$2,477.00	\$2,539.00	\$2,602.00	\$2,300.00
36 Recording Secretary services	\$1,292.00	\$1,292.00	\$1,400.00	\$1,358.00	\$1,225.00
37 Watershed Coordinator - Facilitate regular URRWMO mtgs	\$3,362.00	\$3,446.00	\$3,532.00	\$3,621.00	\$3,621.00
38 Watershed Coordinator - Annual Report to State Auditor	\$672.00	\$689.00	\$706.00	\$724.00	\$724.00
39 Watershed Coordinator - Annual Report to BWSR	\$1,345.00	\$1,378.00	\$1,413.00	\$1,448.00	\$1,448.00
40 Watershed Coordinator - Other - see desc.	\$1,681.00	\$1,723.00	\$1,766.00	\$1,810.00	\$1,810.00
41					
42 Grand Total	\$44,217.50	\$42,656.00	\$44,814.00	\$43,532.00	\$41,814.00

2022 Annual Report

Upper Rum River

Watershed Management Organization

Bethel - East Bethel – Ham Lake
Nowthen - Oak Grove – St. Francis



DRAFT MARCH 20, 2023

Table of Contents

I. Introduction	3
II. Activity Report	
a. Current Board Members	4
b. Day to Day Contact	5
c. Employees and Consultants	5
d. Solicitations for Services	5
e. Water Quality Trends	6
f. Evaluation of Watershed Management Plan Implementation	9
g. Status of Local Ordinances Plan Adoption and Implementation	14
h. Public Outreach	17
i. Permits, Variances, and Enforcement Actions	19
III. Financial and Audit Report	
a. 2022 Financial Summary	19
b. Financial Audit	19
c. 2023 Budget	20

Appendix A – 2022 Financial Report

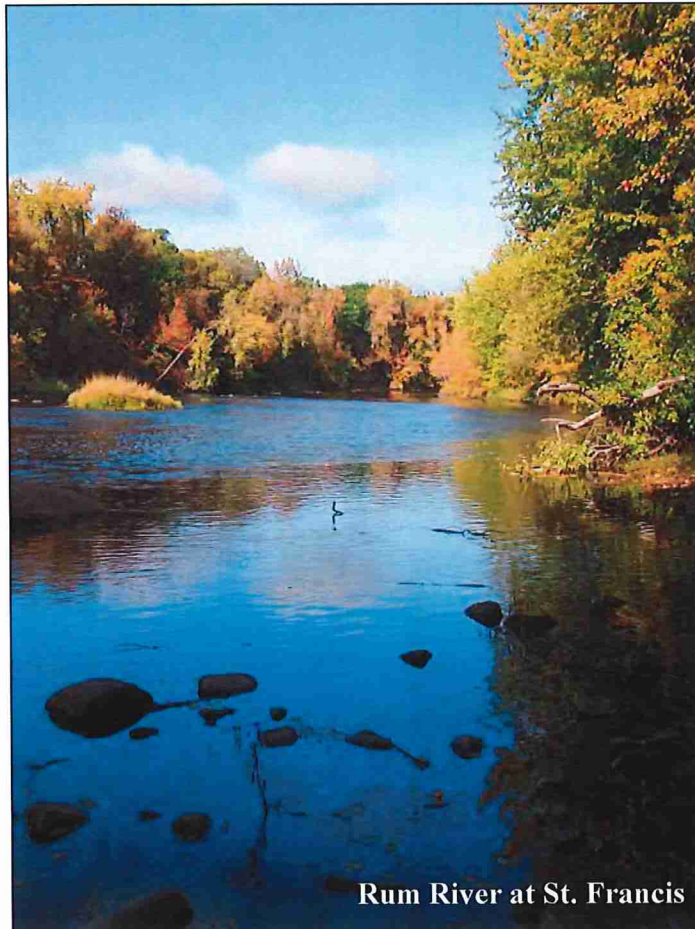
Appendix B – 2022 Water Monitoring and Management Work Results

Upper Rum River Watershed Management Organization
9900 Nightingale Street NW
Oak Grove, MN 55011-9204

I. Introduction

This report has been prepared to meet the annual watershed management organization reporting requirements of Minnesota Rules 8410.0150. The report is intended to fulfill 2022 reporting requirements.

The Upper Rum River Watershed Management Organization (URRWMO) is a joint powers organization under Minnesota Statutes, Section 471.59. It is comprised of the cities of Bethel, Oak Grove, Nowthen, and St. Francis, and portions of the cities of East Bethel and Ham Lake. Board members are appointed by the member cities. The organization's direction is laid out in its watershed management plan and the member municipalities' local water plans. The URRWMO meets approximately every other month on the first Tuesday at 6:30pm at Oak Grove City Hall, Minnesota.



II. Activity Report

a. Current Board Members

CITY OF BETHEL

Ryan Sequin
PO Box 63
Bethel, MN 55005
612-910-8385
rmsequin@gmail.com

Patrick Sullivan (Treasurer)
181 Broadway St
Bethel, MN 55005
612.747.6113
pbsgolfer@yahoo.com

CITY OF EAST BETHEL

Tim Harrington
2241 221st Ave NE
East Bethel, MN 55011
763.200.2581
tim.harrington@ci.east-bethel.mn.us

Radja Lohse

charlotteandre@usfamily.net

CITY OF HAM LAKE

Troy Wolens
17817 Oak Land Dr NE
Ham Lake, MN 55304
763.755.8871
denise@pioneercycle.com

Jeff Entsminger
14916 Central Ave NE
Ham Lake, MN 55304
612.669.4004
jeff@allseasonservices.com

CITY OF NOWTHEN

Dan Breyen (Vice Chair)
19093 St. Francis Blvd NW
Anoka, MN 55303
612.470.2234
dnbreyen@gmail.com

Shanni Fladebo
8188 199th Ave NW
Nowthen, MN 55330
763.772.8233
shanni2in2@gmail.com

CITY OF OAK GROVE

Paul Tradewell
990 192nd Ave NW
Oak Grove, MN 55011
612.470.2234
Dandennol@gmail.com

John West (Chair)
19900 Nightingale St NW
Oak Grove, MN 55011
612.414.3513
jwest@ci.oak-grove.mn.us

CITY OF ST. FRANCIS

Andrew Wood
3419 236th Lane NW
St. Francis, MN 55070
217.414.9017
Ajwood600@gmail.com

Chris Beyett
23537 Eidelweiss St NW
St. Francis, MN 55070
906.203.1946
chris.beyett@gmail.com

b. Day to Day Contact

The day to day contact persons for the URRWMO who can answer questions about the organization are:

John West, Chair
 612.414.3513
 jwest@ci.oak-grove.mn.us

c. Employees and Consultants

The URRWMO does not employ staff, but does utilize consulting services and enters into cooperative agreements with other government agencies. A description of contracted services is listed below:

Consultant/Partner	Contact	Work Description
Anoka Conservation District	Jamie Schurbon Watershed Projects Manager 1318 McKay Drive NW, #300 Ham Lake, MN 55304 763-434-2030 ext. 210 jamie.schurbon@anokaswcd.org	<ul style="list-style-type: none"> • Administrative assistance. • Water quality and hydrological monitoring, and special studies. • Website maintenance. • Public outreach/education. • Assistance preparing annual reports to BWSR. • Assistance reviewing local water plans.
Katie Kalland	Katie Kalland 13737 Underclift St NW Andover, MN 55304 763-218-5208 kkalland@ci.oak-grove.mn.us	<ul style="list-style-type: none"> • Recording secretary for meetings. • Miscellaneous administrative assistance.

d. Solicitations for Services

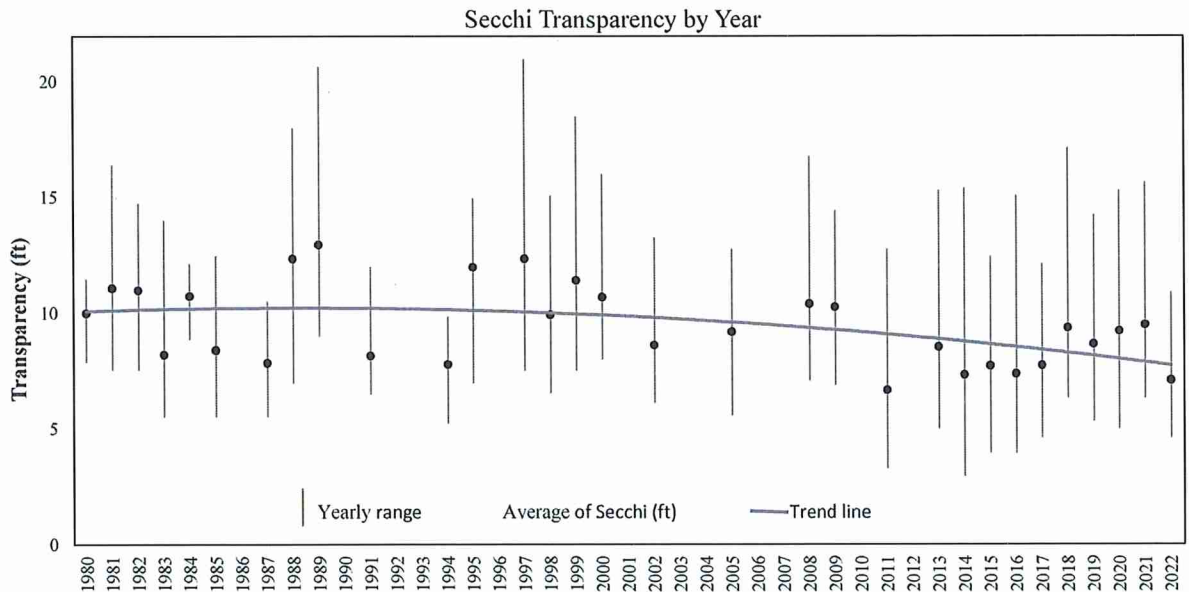
Minnesota Statutes 103B.227 require watershed management organizations to solicit bids for professional services at least once every two years. Most recently the URRWMO completed a proposal request for a watershed coordinator, water monitoring, and similar work in each 2021 & 2023. Requests for proposals were sent to consulting engineers for member communities and the Anoka Conservation District (ACD). One proposal was received in each year, from ACD. ACD was selected. Previous to these efforts, the URRWMO has requested similar proposals every two years.

e. Water Quality Trends

The URRWMO has a long term water quality monitoring program that includes most larger streams and recreational lakes in the watershed. Many waterbodies are monitored every 2-3 years. An important part of evaluating implementation of the watershed management plan is looking at water quality trends. Data for each waterbody monitored are provided in **Appendix B**.

The only waterbody with a statistically significant water quality trend in the watershed is Lake George. Long term (1980-present) the lake has a trend of reduced transparency but no trend for other parameters. The trend is slow and modest. Within the record, there are period of time, such as 2011-2022 when water quality is improving but nonetheless the longer term picture is of overall gradual decline in transparency. Detail of this trend analysis is contained in **Appendix B** and the Rum River Watershed Restoration and Protection Strategies Report (see MPCA website). Research by the Anoka Conservation District has found that consecutive years of high precipitation result in decreased clarity, and those wet years have become more frequent. Lake George was most recently monitored in 2022.

Lake George Secchi Transparency. Includes years with partial datasets not covering all open water months. Those years are excluded from ACD’s statistical trend analysis found in the appendix of this graph.

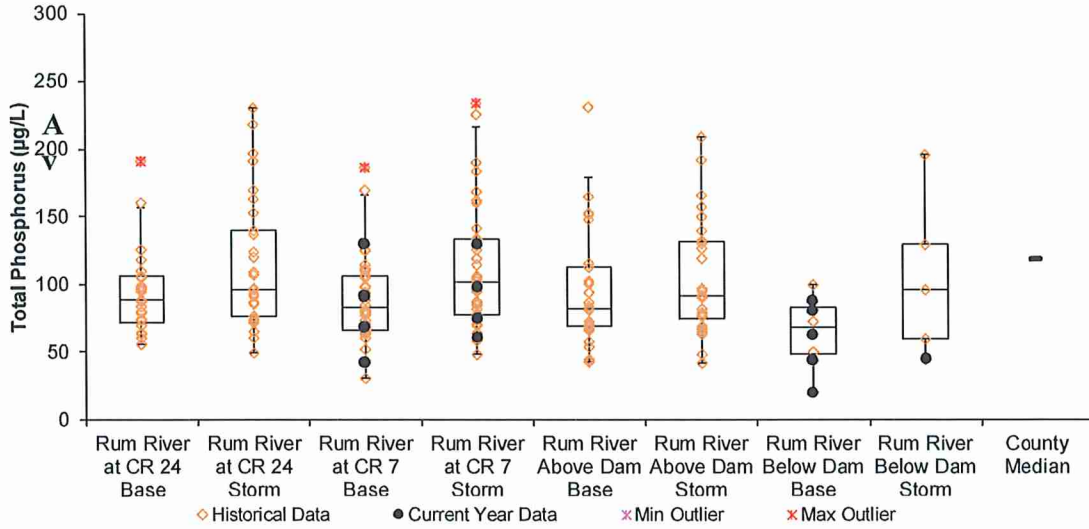


The URRWMO also is interested in how the Rum River’s water quality changes longitudinally, particularly within its jurisdictional boundary. The Rum River is monitored periodically approximately where it enters and exits the URRWMO. The figures below summarize annual average phosphorus and suspended solids including the most recent monitoring in 2022. Overall, these key pollutant concentrations are the same in the river when it enters and exits the URRWMO. Suspended solids are well below state water quality standards. Phosphorus is near, but below, state water

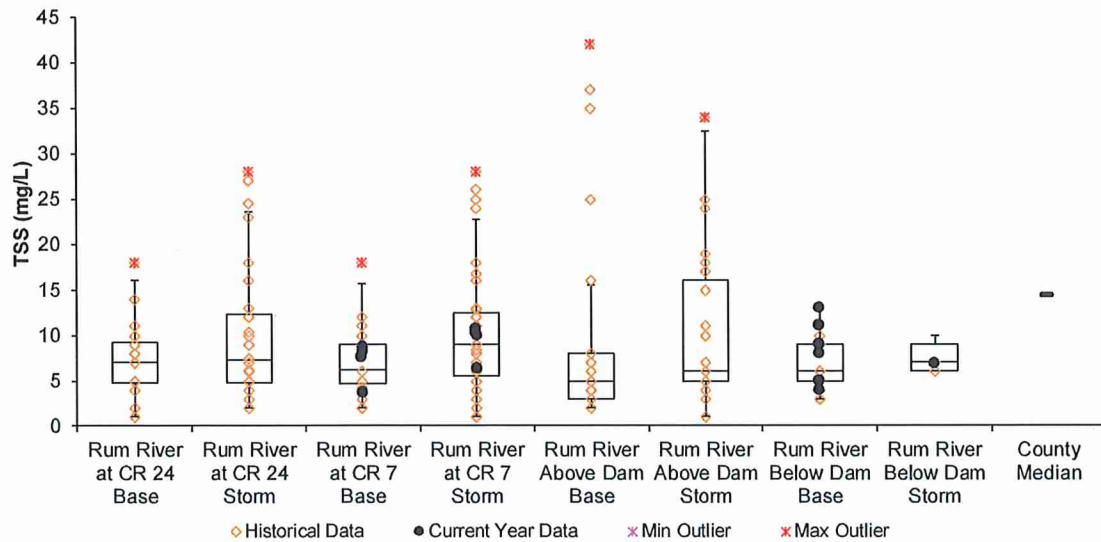
quality standards. For example, at County Road 7 the average TP across all years monitored is 87.5 µg/L during base flow and 108.1 µg/L during storms. The state standard is 100 µg/L. Phosphorus reductions remain an important goal of the URRWMO and other partners throughout the greater Rum River watershed.

The URRWMO further investigates the impact of their jurisdictional area on water quality by monitoring Rum River tributaries: Seelye Brook, Cedar Creek, and Ford Brook. Monitoring, most recently in 2022, found that these tributaries all have slightly higher than desired phosphorus. In 2022 across all conditions (storms and baseflow) at the farthest downstream monitoring sites averaged 104.0 µg/L at Cedar Creek, Seelye Brook 135 µg/L, and Ford Brook 177 µg/L. Looking across all years, the average at each stream has been Cedar Creek 146 µg/L, Seelye Brook 134 µg/L, and Ford Brook 174 µg/L.

Average total phosphorus for the Rum River. Baseflow and storm conditions are shown for each of three monitoring sites from upstream to downstream. The upstream (left) and middle sites approximate the top and bottom of the URRWMO.



Average suspended solids for the Rum River. Baseflow and storm conditions are shown for each of three monitoring sites from upstream to downstream. The upstream (left) and middle sites approximate the top and bottom of the URRWMO.



Additional water quality data is available online. Annual watershed monitoring reports are available on the URRWMO website (www.URRWMO.org). All water quality data collected by the URRWMO is on the MN Pollution Control Agency's EQUIS database, which is accessible through their website.

f. Evaluation of Watershed Management Plan Implementation and 2022 Work Plan

The current URRWMO Watershed Management Plan was approved by the Minnesota Board of Water and Soil Resources (BWSR) in 2019. The watershed plan contains goals, policies a detailed water monitoring schedule, and a project implementation schedule. The tables on the following page compare planned work to accomplished work for the most recent two years plus list planned work for the upcoming year. There are separate tables for URRWMO work and member community work.

Upper Rum River WMO Annual Report 2022

URRWMO Implementation - URRWMO work planned and accomplished by the URRWMO to fulfill the 3rd Generation URRWMO Watershed Management Plan.

Task	2019		2020		2021		2022		2023	
	Planned	Accomplished	Planned	Accomplished	Planned	Accomplished	Planned	Accomplished	Planned	Underway
Water Condition Monitoring										
Lake Levels - George, East Twin, Coopers, Minard	4	4	4	4	4	4	4	4	4	4
Lake Water Quality - George	1	1	0	1	0	1-by lake group		By Met Council	1	1
Lake Water Quality - East Twin					1	1				
Stream Water Quality - Rum R at CR 7, Rum R at CR 24, Seelye Br at CR7, Cedar Cr at CR9, Ford Br at CR63. Monitored 4x/yr.							5	5	5	5
Reference Wetland Hydrology - 5 sites. % listed is % to be paid by URRWMO.	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
River Biomonitoring with St Francis High School classes. Dependent upon American Legion.	1		1	1	1	1	1	1	1	1
Regulatory and Oversight										
Review and approve 6 city local water plans for consistency with URRWMO Plan	0	6	1	0-done in 2019						
Update URRWMO Stormwater standards			1	Delayed to 2021 when new MS4 permit issued	1	1				
Update URRWMO Wetland standards			1	1	1	1				
Ditch authorities - One URRWMO meeting focused on ditches and reassigning county ditch jurisdiction					1	1				
Education and Outreach										
AWROC - Support Anoka Co Water Outreach Collaborative	1	\$150 groundwater video contribution	1	\$1K for 4th qtr 2020 staffing	1	\$1K	1	\$1,250	1	\$1,250
Annual newsletter article for city newsletters	1	1	1	1	1	1	1	1	1	1
AIS prevention info to URRWMO website			1	1		maintained		maintained		
Website overhaul	1	1								1
Website operation and maint	1	1	1	1	1	1	1	1	1	1
Studies										
Subwatershed Assessments in drainage areas recommended by TAC				requesting WBIF grant	1	WBIF secured for Middle Ford Brook study. \$1,537.50 match provided.		Ford Brook subwatershed study 95% done. E Twin and Pickere Lakes SWAs review; SWA abandoned due to lack of projects.	1	study.

Upper Rum River WMO Annual Report 2022

Task	2019		2020		2021		2022		2023	
	Planned	Accomplished	Planned	Underway	Planned	Accomplished	Planned	Underway	Planned	Accomplished
Projects										
Lake George water quality projects - 20 lb/yr TP reduction. Complete 1 project, start another by 2028.			projects over 10 yrs		projects over 10 yrs	1 constructed - 20 lf. 0.48 lb/yr TP.	projects over 10 yrs	6 sites - 463 lf, 5.4 lb/yr TP.	projects over 10 yrs	
Rum Riverbank stabilizations - 180 tons/yr sediment reduction and 250 lbs/yr TP reduction. 2 projects min by 2028.		Committed match for grant pursuit	projects over 10 yrs	Provided grant matching funds. Two grants secured.	projects over 10 yrs	Miller site - 400 lf, 140 T sediment, 119 lb/yr TP Cedar tree revegetments - 4 sites, 2,080 lf, 156 T sediment, 132.6 lb TP. In collaboration with ACD.	projects over 10 yrs	Design - Dellwood Park in St. Francis - 750 In ft. Installed - Rum Central Park 90 lf 13.8 lb/yr TP. Cedar Cr Cons Area revegetment 1,130 lf.	projects over 10 yrs	Dellwood Park in St. Francis - 750 in ft. Maybe Mertz/Hanson in Oak Grove in collaboration with ACD.
Rum River Stormwater Retrofits - 3 lbs/yr TP reduction and 500 lbs/yr sediment reduction. 2 projects min by 2028.			projects over 10 yrs		projects over 10 yrs		projects over 10 yrs	secured & matched	projects over 10 yrs	St. Francis HS swale check dams and 225/226 Ave rain gardens.
Funding for the above projects	\$15,000	\$0	\$15,366	\$15,366 grant match provided for \$1.1M in grants by ACD	\$15,375	\$15,375 gra provided for m WBIF grant held by ACD	\$15,759	WBIF grant held by ACD	\$16,153	\$16,153
Administrative										
Hire watershed coordinator	1	1	1	1	1	1	1	1	1	1
Grant applications (5 over 10 yrs)				WBIF for multiple projects. LSOHC, CWF and CPL for riverbank stabilizations. >\$1M total secured.		WBIF for multiple projects		Rum metro WBIF. LSOHC Rum riverbanks request by ACD.		
Audit or agreed upon procedures engagement			1	1						
Planning and Plan Updates										
Amend URRWMO Plan with TAC prioritized projects, etc.					1	1				
Review Rum River WRAPS. Revisit/revise water quality goals during 2 URRWMO meetings.							1	1		
Prepare 5th Generation URRWMO Plan										

Upper Rum River WMO Annual Report 2022

Task	2019		2020		2021		2022		2023	
	Planned	Accomplished	Planned	Underway	Planned	Accomplished	Planned	Underway	Planned	Accomplished
Watershed Coordinator Tasks										
Annual financial report	1	1	1	1	1	1	1	1	1	1
Annual report to BWSR	1	1	1	1	1	1	1	1	1	1
Mini-report to cities	1	1	1	1	1	1	1	1	1	1
Facilitate board mtgs, meeting packets, etc	1	1	1	1	1	1	1	1	1	1
Facilitate TAC meetings	1	1	1	1	1	1	1	1	1	1
Review local water plans	0	6	6	done in 2019						
Grant applications	1	3 for Rum Riverbank stabilization	1	WBIF		WBIF		WBIF		1
Request biomonitoring funding from American Legion	1	1	1	1	1	1	1	1	1	1
Update form for city reporting to WMO	1	1								
Remind cities to review and update ordinances. Track progress			1	1		1				
Pontoon tour meeting with Lake George groups	1	1				Attempted		1		
Technical Advisory Committee Tasks										
Update form for city reporting to WMO			1	1						
URRWMO projects prioritization	1	1								
Update URRWMO wetland standards			1	underway	1	1				
Update stormwater runoff control ordinance			1	Delayed to 2021 when new MS4 permit issued	1	1				
Develop land locked basin standards			1	1						
Develop culvert inventory methods			1	1				Inventories done in Houghton, HI, EB. Not done in St. F. Underway in OG.		
Develop stormwater BMP inspection method/form			1	1						
Project prioritization			1	1						
Prioritize future subwatershed assessment studies			1	1						

Member City Implementation - URRWMO work planned and accomplished by the member cities to fulfill the 3rd Generation URRWMO Watershed Management Plan.

URRWMO MEMBER CITIES TASK CHECKLIST	2020		2021		2022		2023	
	Planned	Accomplished	Planned	Accomplished	Planned	Accomplished	Planned	Underway
Ordinance Reviews								
Construction site erosion control ordinance	6	EB, HL, SF, Nowthen	6	All except Bethel	6	All except Bethel	6	Bethel
Post-construction stormwater mgmt ordinance	6	Delayed to 2021 when new MS4 permit issued						
Floodplain ordinance	6	EB, HL, SF, Nowthen	6	All except Bethel	6	All except Bethel	6	Bethel
Wetland ordinance or mgmt plan	6	EB, HL, SF, Nowthen	6	All except Bethel	6	All except Bethel	6	Bethel
Shoreland ordinance	6	EB, HL, SF, Nowthen	6	All except Bethel	6	All except Bethel	6	Bethel
Wellhead protection plan	6	EB, HL, SF, Nowthen	6	All with public water supplies	6	All with public water supplies	6	
Erosion control ordinance	6	EB, HL, SF, Nowthen	6	All except Bethel	6	All except Bethel	6	Bethel
Landlocked basins discharge standards			6	6				
Inspections and Inventories								
Stormwater BMP assessments/inspections (due 2026)		per MS4 schedule		per MS4 schedule		per MS4 schedule		per MS4 schedule
Culvert inventory (due end of 2022)	6	EB, HL, SF, Nowthen	6	6	6	6	0	all previously done
Reporting								
Annual report to URRWMO	6	All except Bethel	6	All except Bethel & East Bethel	6	6		
Other								
Ratify URRWMO budget	6	6	6	6	6	6	6	
Update local water plan for consistency with URRWMO Plan	6	4 in 2019, 1 in 2020, 1 incomplete	6	4 in 2019, 1 in 2020, 1 in 2021				
Participate in URRWMO Technical Advisory Committee	6	6			6	6	6	6

Numbers listed are number of cities.

Note: List includes only tasks with tangible deliverables.

g. Status of Local Ordinances, Plan Adoption and Implementation

All URRWMO member cities have updated their local water plans for consistency with the 3rd Generation URRWMO Watershed Management Plan. The URRWMO approved those city plans during 2019-2021.

Similarly, the URRWMO has reviewed local ordinances to ensure they are consistent with URRWMO minimum standards. As of March 2023, all ordinances have been found consistent except Bethel. Work with Bethel is ongoing to update ordinances.

To track member cities' progress on local plan implementation, the URRWMO requires a brief annual report from each city and provides a template for this report. In addition to serving as a reporting tool, the template serves as a "to do" list for our cities. These reports are available upon request, and are summarized in the table below.

Status of city local water plans and some recent accomplishments toward plan implementation.

City of Bethel	
Submitted 2022 annual report to URRWMO?	No
Local Water Plan Status	Bethel's local water plan was approved by the URRWMO in 2019.
Ordinances Status	The City was asked to review ordinances in 2020 for compliance with local, state and federal minimum requirements. That task is ongoing in 2023.
Some Recent Implementation Accomplishments	No reporting to the URRWMO has been submitted since 2015.
City of East Bethel	
Submitted 2022 annual report to URRWMO?	Yes
Local Water Plan Status	East Bethel's Local Water Plan was approved by the URRWMO in November 2020.
Ordinances Status	The City has reviewed URRWMO-required ordinances for compliance with local, state and federal minimum requirements. The city has all required ordinances at or above minimums. Ordinances include construction site erosion control, post-construction stormwater management, floodplain, wetlands, shoreland and wellhead. Review date: 2/2020.
Some Recent Implementation Accomplishments	<ul style="list-style-type: none"> • Culvert inventory, a requirement of the 3rd Generation URRWMO plan, is complete and stored on the Anoka County online Water Resources Mapping tool. • Annual inspection of all outfalls and skimmers and 1/5th of stormwater ponds. • Compliance with MPCA NPDES rules. • Work to complete BMP's in the City's Storm Water Pollution Prevention Plan. • Educational efforts by website and three newsletter articles reaching 4,550 residents

	about wetland buffers, groundwater protection, water conservation, hazardous waste disposal, habitat, and activities of the URRWMO.
City of Ham Lake	
Submitted 2022 annual report to URRWMO?	Yes
Local Water Plan Status	The URRWMO approved the City of Ham Lake Local Water Plan September 14, 2021.
Ordinances Status	The City has reviewed URRWMO-required ordinances for compliance with local, state and federal minimum requirements. The city has all required ordinances at or above minimums, primarily by referencing URRWMO standards. Ordinances include construction site erosion control, post-construction stormwater management, floodplain, wetlands, shoreland and wellhead. Review date: 2019.
Some Recent Implementation Accomplishments	<ul style="list-style-type: none"> • Culvert inventory, a requirement of the 3rd Generation URRWMO plan, is complete. However, the inventory is not stored on the Anoka County online Water Resources Mapping tool as recommended by the URRWMO technical advisory committee and required by the URRWMO. • Annual inspection of 20% of all ponds and outfalls and 100% of structural BMPs. • Educational efforts by website, newsletters, and workshops reaching 6,629 households about hazardous waste disposal and water conservation. • Routine inspection of land disturbance activities and requiring erosion and sediment control plans. • Street sweeping twice per year, minimum. • Ongoing work to complete BMP's in the City's Storm Water Pollution Prevention Plan.
City of St. Francis	
Submitted 2022 annual report to URRWMO?	Yes
Local Water Plan Status	St. Francis' Local Water Plan was approved by the URRWMO in 2020.
Ordinances Status	The City has reviewed URRWMO-required ordinances for compliance with local, state and federal minimum requirements. The city has all required ordinances at or above minimums. Ordinances include construction site erosion control, post-construction stormwater management, floodplain, wetlands, shoreland and wellhead. Review date: 2/2020.
Some Recent Implementation Accomplishments	<ul style="list-style-type: none"> • Culvert inventory, a requirement of the 3rd Generation URRWMO plan, was completed in 2017 and updated in 2022. The inventory has been added to the Anoka County online Water Resources Mapping tool as recommended by the URRWMO technical advisory committee and required by the URRWMO. • Annual inspection of all outfalls and skimmers and 1/5th of all ponds. No IDDE issues were found; some regular maintenance issues were identified. • Educational efforts by website and newsletters reaching 7,200 residents about AIS, water conservation, hazardous waste disposal, yard waste, pet waste, and the URRWMO.
City of Nowthen	
Submitted 2022 annual report to	Yes

Upper Rum River WMO Annual Report 2022

URRWMO?	
Local Water Plan Status	The URRWMO approved Nowthen's local water plan in 2019.
Ordinances Status	The City has reviewed URRWMO-required ordinances for compliance with local, state and federal minimum requirements. The city has all required ordinances at or above minimums. Ordinances include construction site erosion control, post-construction stormwater management, floodplain, wetlands, shoreland and wellhead. Review date: 2/2020.
Some Recent Implementation Accomplishments	<ul style="list-style-type: none"> • Culvert inventory, a requirement of the 3rd Generation URRWMO plan, was completed in 2008. However, the inventory is not stored on the Anoka County online Water Resources Mapping tool as recommended by the URRWMO technical advisory committee and required by the URRWMO. • Annual inspection of all outfalls and skimmers and 1/5th of all ponds. No IDDE issues were found; some regular maintenance issues were identified. • Educational efforts by website and newsletters reaching 2,300 residents about hazardous waste disposal and the URRWMO.

City of Oak Grove

Submitted 2022 annual report to URRWMO?	Yes
Local Water Plan Status	The URRWMO approved Oak Grove's local water plan in 2019.
Ordinances Status	The City reported in November 2020 that city ordinances had been reviewed and were consistent with URRWMO minimums.
Some Recent Implementation Accomplishments	<ul style="list-style-type: none"> • Inspections of 23 of their 128 ponds and all 18 stormwater outfalls. • Progress toward a culvert inventory. Some invert elevations need to be verified or obtained, which will be done in 2023. • Educational efforts by website & newsletters reaching 2,000 households about hazardous waste disposal, water quality improvement, MS4 programs, and the URRWMO. • Reviewed erosion and construction ordinances in 2022 for compliance with new MS4 permit.

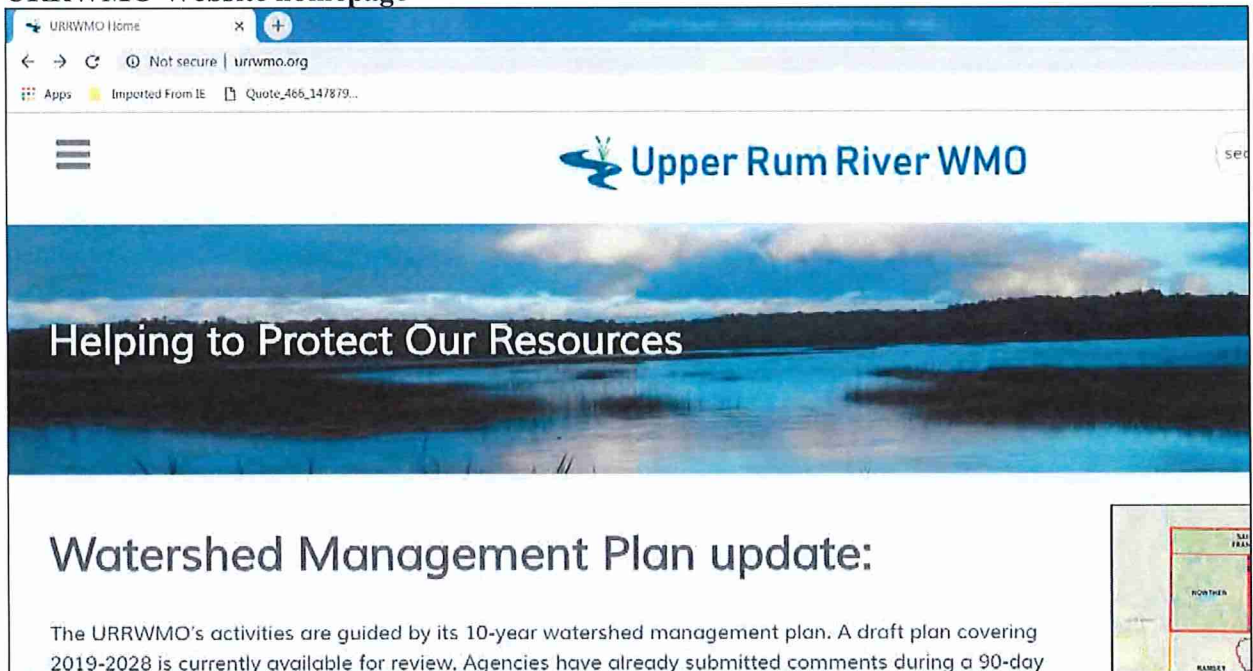
h. Public Outreach

The URRWMO and its member cities do periodic public outreach and education projects. The URRWMO's website serves as the primary, continuous public outreach tool while other outreach is more targeted. Website contents include general information about the organization, the watershed management plan, meeting agendas and minutes, water monitoring results, profiles of WMO projects, access to mapping and data access tools, and others.

The URRWMO ensures visibility of its website by asking member cities and townships to post the URRWMO website address in their newsletters. Links to the URRWMO website are also provided through other websites including the Anoka Conservation District and member municipality websites.

The website address is <http://www.urrwmo.org>

URRWMO Website homepage



In recent years the URRWMO contributed to a partnership that has produced animated videos to educate the public about water resources issues. The videos were produced by the Anoka County Water Resource Outreach Collaborative. The videos are available on the AnokaSWCD YouTube channel include:

Part One: "Our Groundwater Connection"

Part Two: "Our Groundwater Connection: Contamination"


Our Lakeshore Connection

Our River Connection

Rain Gardens 101

Additional public outreach is accomplished through annual newsletter articles. The articles are distributed to member communities for distribution in their newsletters. In 2022 the URRWMO's newsletter articles included promoting riverbank stabilization cost share, smart salting, and an article about the URRWMO. Articles were printed in city newsletters. Articles are shown below.

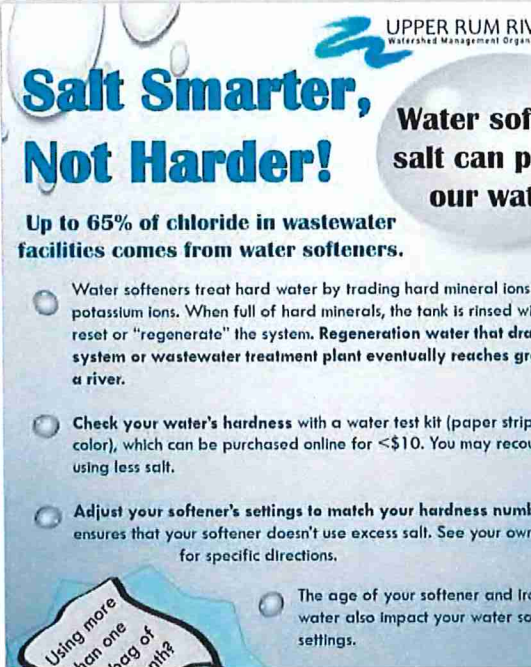
2022 Newsletter Articles



The Upper Rum River WMO manages lakes, streams and water resources across the cities of St. Francis, Bellevue, Nowthen, Oak Grove, and portions of East Bethel, and Ham Lake. Activities include:

- Monitoring water quality.
- Installing projects to improve water quality, including shoreline stabilization, stormwater practices, and riparian zone management.
- Coordinating management of water that flows across municipal boundaries.

The URRWMO is a joint powers organization made up of the cities of St. Francis, Bellevue, Nowthen, Oak Grove, and Ham Lake.



Salt Smarter, Not Harder! Water softener salt can protect our water.

Up to 65% of chloride in wastewater facilities comes from water softeners.

- Water softeners treat hard water by trading hard mineral ions for potassium ions. When full of hard minerals, the tank is rinsed with water to "regenerate" the system. Regeneration water that drains into a stream or wastewater treatment plant eventually reaches a river.
- Check your water's hardness with a water test kit (paper strips or digital), which can be purchased online for <\$10. You may recover by using less salt.
- Adjust your softener's settings to match your hardness number. This ensures that your softener doesn't use excess salt. See your owner's manual for specific directions.
- The age of your softener and iron in your water also impact your water softener settings.


Using more than one bag of salt?

Rum Riverbank Stabilization Grants Available

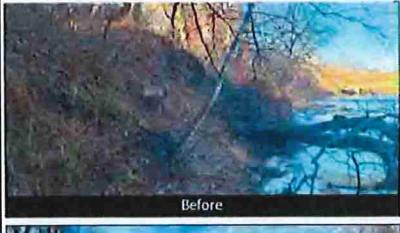
Grant funds are available to landowners for addressing shoreline erosion on the Rum River. If your shoreline is eroding into the river, migrating back over time, or the bottom has washed out leaving an overhang, the substantial portion of design and construction of a solution. Funding available to address erosion with landowners typically paying 15-25% of the project cost. Shoreline restoration does more than just protect property. It also protects the water resource you live on and enhances river habitat!

Those interested can schedule a site visit with Anoka Conservation District (ACD) staff to discuss your shoreline might fit into one of our various grant programs for financial assistance. Because construction bidding takes months, starting in spring is recommended. Contact Jared Wagner at 763.203.0200 or jared.wagner@anokaswd.org.

Rum Riverbank stabilization projects are a partnership of the ACD, Anoka County, and Upper Rum River Watershed Management Organization (URRWMO). The URRWMO is a joint organization of the cities of Bellevue, Ham Lake, Nowthen, Oak Grove, and St. Francis. Its purpose is to manage local water issues.



A recent shoreline stabilization project on the Rum River



Before

i. Permits

The URRWMO does not issue permits, variances, or take enforcement actions. These responsibilities are held by the member municipalities.

III. Financial and Audit Report

a. 2022 Financial Summary

See Appendix A – 2022 Financial Report.

b. Financial Audit

The URRWMO is required to have an audit or agreed upon procedures engagement only once every five years in accordance with MN Statutes, section 6.756. The URRWMO last underwent an audit in 2020 for 2019 finances.

Upper Rum River WMO Annual Report 2022

c. 2023 Budget

In May 2022 the URRWMO Board approved their 2023 budget as presented below.

#	NON-OPERATING (WORK PLAN) EXPENSES	Cost	Bethel 1.08%	East Bethel 23.45%	Ham Lake 1.62%	Nowthen 23.83%	Oak Grove 29.52%	St. Francis 20.50%
1	Water Monitoring Fund*	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	Lake Level Monitoring - Lake George, East Twin Lake, Coopers Lake, Minard Lake	\$1,400.00	\$15.12	\$328.30	\$22.68	\$333.62	\$413.28	\$287.00
3	Lake Water Quality Monitoring: Lake George	\$2,060.00	\$22.25	\$483.07	\$33.37	\$490.90	\$608.11	\$422.30
4	Stream Water Quality Monitoring - Rum R at CR 24, Rum R at CR 7, Seelye Br at CR 7, Cedar Cr at CR 9, Ford Br at CR 63	\$4,650.00	\$50.22	\$1,090.43	\$75.33	\$1,108.10	\$1,372.68	\$953.25
5	Reference Wetland Hydrology Monitoring - 5 sites	\$2,100.00	\$22.68	\$492.45	\$34.02	\$500.43	\$619.92	\$430.50
6	Biomonitoring - Rum River by St. Francis High School. URRWMO to request funds from American Legion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7	Website - Annual Operations	\$745.00	\$8.05	\$174.70	\$12.07	\$177.53	\$219.92	\$152.73
8	URRWMO public education and outreach	\$1,104.00	\$11.92	\$258.89	\$17.88	\$263.08	\$325.90	\$226.32
9	Anoka Co Water Resource Outreach Collaborative	\$1,250.00	\$13.50	\$293.13	\$20.25	\$297.88	\$369.00	\$256.25
10	Projects as detailed in the 10-year Plan	\$16,153.00	\$174.45	\$3,787.88	\$261.68	\$3,849.26	\$4,768.37	\$3,311.37
11	Subwatershed Assessment Studies (SWAs) for priority waterbodies. Match for grants	\$2,000.00	\$21.60	\$469.00	\$32.40	\$476.60	\$590.40	\$410.00
12	Watershed Coordinator, component activities/costs listed below							
13	Facilitate technical advisory committee (TAC) meetings	\$425.00	\$4.59	\$99.66	\$6.89	\$101.28	\$125.46	\$87.13
14	WRAPS review	\$500.00	\$5.40	\$117.25	\$8.10	\$119.15	\$147.60	\$102.50
15	Grant applications	\$1,071.00	\$11.57	\$251.15	\$17.35	\$255.22	\$316.16	\$219.56
16	TOTAL	\$33,458.00	\$361.35	\$7,845.90	\$542.02	\$7,973.04	\$9,876.80	\$6,858.89

#	OPERATING EXPENSES	Cost	Bethel 16.67%	East Bethel 16.67%	Ham Lake 16.67%	Nowthen 16.67%	Oak Grove 16.67%	St. Francis 16.67%
17	Copies & Postage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	Recording secretary	\$1,400.00	\$233.33	\$233.33	\$233.33	\$233.33	\$233.33	\$233.33
19	Insurance-League of MN Cities Insurance Trust	\$2,539.00	\$423.17	\$423.17	\$423.17	\$423.17	\$423.17	\$423.17
20	Administrative fee charged to member communities - for Watershed Coordinator, component activities/costs listed below							
21	Annual financial report to State Auditor	\$706.00	\$117.67	\$117.67	\$117.67	\$117.67	\$117.67	\$117.67
22	Annual activity report to MN Board of Water and Soil Resources	\$1,413.00	\$235.50	\$235.50	\$235.50	\$235.50	\$235.50	\$235.50
23	Facilitate regular URRWMO meetings	\$3,532.00	\$588.67	\$588.67	\$588.67	\$588.67	\$588.67	\$588.67
24	Administrative fee - misc other tasks in WMO plan	\$1,766.00	\$294.33	\$294.33	\$294.33	\$294.33	\$294.33	\$294.33
25	TOTAL	\$11,356.00	\$1,892.67	\$1,892.67	\$1,892.67	\$1,892.67	\$1,892.67	\$1,892.67

Appendix A:

2022 Financial Report

UPPER RUM RIVER WATERSHED MANAGEMENT ORGANIZATION

FINANCIAL REPORT FOR YEAR ENDED DECEMBER 31, 2022

To the Chairperson, John West, of Upper Rum River Water Management Organization

The enclosed statement has been prepared after review of the organization's financial records for 2020. I have not audited the organization's records and do not express an opinion. The enclosed information fairly reflects the Upper Rum River WMO's financial position for the stated year.

March 10, 2023

Prepared by:
Jamie Schurbon, Anoka Conservation District
1318 McKay Drive NE, suite 300
Ham Lake, MN 55304
763-434-2030

UPPER RUM RIVER WATERSHED MANAGEMENT ORGANIZATION
9900 Nightingale Street NW
Oak Grove, MN 55011-9204

STATEMENT OF REVENUES AND EXPENSES

For: year beginning January 1, 2021 and Ending December 31, 2021

Expenditures	Amount
Administrative	
Insurance – League of MN Cities Insurance Trust	\$2,279.00
Secretarial services	\$875.00
Watershed coordinator operating expenditures including required reporting, mtg facilitation, and other - Anoka Conservation District (ACD)	\$7,486.00
Other	\$0.00
SUBTOTAL	\$10,640.00
Non-Administrative	
Water monitoring - ACD	\$7,965.00
Water quality improvement grant projects - ACD	\$16,759.00
Public education and outreach – ACD	\$1,792.00
Watershed coordinator non-operating expenses	\$724.00
Other	
Other	
SUBTOTAL	\$27,240.00
GRAND TOTAL	\$37,880.00
Revenues	Amount
City of Bethel - 2022 contributions	\$2,176.00
City of Nowthen - 2022 contributions	\$9,376.60
City of East Bethel - 2022 contributions	\$9,256.33
City of Ham Lake - 2022 contributions	\$2,346.93
City of Oak Grove - 2022 contributions	\$11,177.54
City of St. Francis - 2022 contributions	\$8,322.62
LMCIT insurance dividends	\$1,507.00
GRAND TOTAL	\$44,163.02
Retained Cash Reserves	\$6,283.02
Total Cash Reserves	\$18,091.18

UPPER RUM RIVER WATERSHED MANAGEMENT ORGANIZATION

BALANCE SHEET

For the year beginning January 1, 2022 and ending December 31, 2022

Assets	
Cash	\$18,091.18
Accounts Receivable	\$0.00
Other	\$0.00
Other	\$0.00
Total Assets	\$18,091.18
Liabilities	
Accounts Payable	\$0.00
Other	\$0.00
Other	\$0.00
Other	\$0.00
Total Liabilities	\$0.00

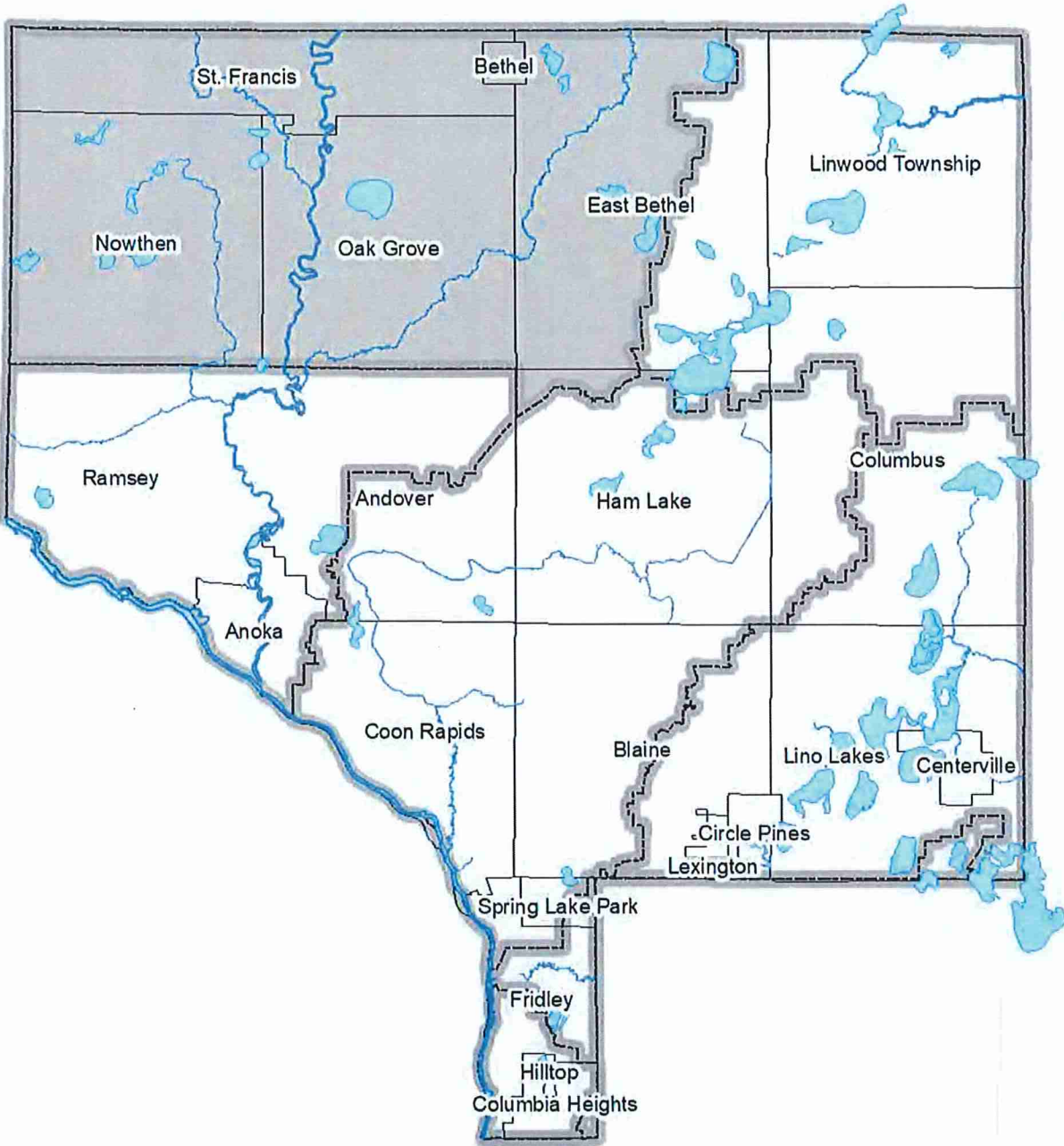
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Appendix B:

2022 Water Monitoring and Management Work Results

Draft excerpt from the 2022 Water Almanac

Chapter 3: Upper Rum River Watershed



Prepared by the Anoka Conservation District

Contents

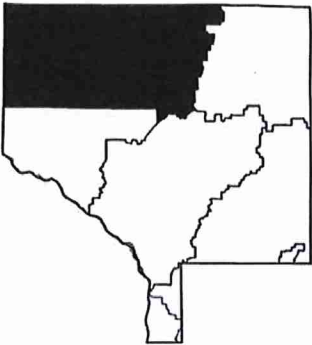
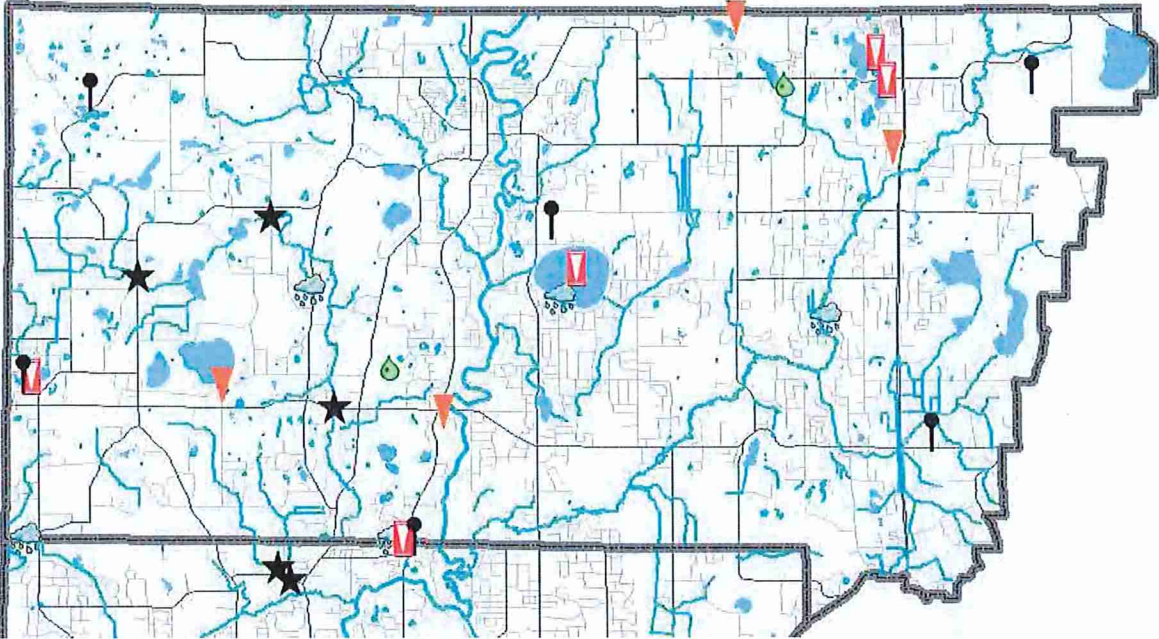
<i>Draft excerpt from the 2022 Water Almanac</i>	1
<i>Recommendations</i>	3
<i>Map: 2022 Water Monitoring Sites Upper Rum River WMO Area</i>	4
<i>Lake Levels Monitoring</i>	5
<i>2022 Aquatic Invasive Vegetation Mapping</i>	8
<i>Lake Water Quality</i>	9
<i>Lake George</i>	10
<i>Stream Water Quality Monitoring</i>	15
<i>Rum River Stream Water Quality</i>	16
<i>Ford Brook Water Quality Monitoring</i>	27
<i>Wetland Hydrology</i>	37
<i>URRWMO Annual Report to BWSR and State Auditor</i>	43
<i>Administrative Services</i>	44
<i>Website</i>	45
<i>Outreach</i>	46
<i>Projects as Detailed in the URRWMO 10-Year Plan</i>	47
<i>Middle Ford Brook Subwatershed Assessment Study</i>	51

Recommendations

- **Maintain or reduce Rum River phosphorus.** Phosphorus levels are close to state water quality standards. It may be appropriate to review development and stormwater discharge ordinances to ensure phosphorus does not increase in coming years.
- **Protect Lake George water quality.** Measures include installing projects ranked in a 2022 study and ensuring robust stormwater retention/treatment for any new development in the subwatershed. Wetter years (which have become more frequent) drive poorer water quality in this lake due to stormwater and flushing of nutrient-rich wetland systems, and increases in runoff from new impervious surfaces will exacerbate the situation.
- **Monitor Lake George and Rum River** using the schedule in the URRWMO plan. At Lake George, the Lake Improvement District, URRWMO, and Met Council plan are rotating the work amongst each other to ensure more frequent monitoring.
- **Promote groundwater conservation and protection.** Metropolitan Council models predict 3+ ft. drawdown of surface waters in parts of the URRWMO by 2030, and 5+ ft. by 2050. This indicates conservation actions will be required to ensure the groundwater supply stays sufficient. Infiltration practices should be highly prioritized, and unused wells on private and public lands should be sealed to prevent contamination.
- **Fund and install projects identified in the URRWMO Watershed Management Plan.** This prioritized list was created by the URRWMO Technical Advisory Committee:
 1. Rum Riverbank stabilizations*
 2. Anoka County Water Resources Outreach Collaborative*
 3. Perform stormwater retrofit analyses for the Rum River and subwatershed assessments*.
 4. Lake George shoreline stabilizations*
 5. Lake George iron-enhanced sand filter feasibility study
 6. Ditch 19 connector dredging

* Indicates projects that have been initiated using State grant funds and URRWMO matching funds.
- **Promote Septic System Fix-up Grants** to landowners, particularly in shoreland areas. Grants are for low-income households.
- **Promote practices that limit road deicing salt applications** while keeping roads safe. Streams throughout the URRWMO have increasing specific conductance. Requiring municipal plow drivers to become certified through MN Pollution Control Agency deicing courses is recommended.
- **Periodically monitor chlorides in streams.** Monitoring every 3 years minimum is recommended.
- **In the East Twin and Pickerel Lake subwatersheds, protect undeveloped lands or implement rigorous water quality protection measures during development.** These lakes have good water quality. Because they have small drainage areas, land use in those areas is an especially important determinant of water quality.
- **Track activities of the Rum River Watershed Partnership.** That group developed a comprehensive plan for the watershed through the One Watershed, One Plan (1W1P) process and receives >\$1M in state funds biennially to implement it. The URRWMO is not a member, but may wish to track activities in the upper watershed or collaborate. Project types identified in the URRWMO area include stormwater retrofits, riverbank stabilization, agricultural practices, public outreach, and others.

Map: 2022 Water Monitoring Sites Upper Rum River WMO Area



2022 Monitoring Sites

- ★ Stream Water Quality
- Wetland Hydrology
- ▾ Lake Levels
- ☁ Volunteer Precipitation
- 💧 Anoka County Weather
- ▾ Groundwater Hydrology

Lake Levels Monitoring

Partners: URRWMO, ACD, MN DNR, Volunteers

Description: Weekly water level monitoring conducted using staff gages installed in each lake. Staff gauges were installed by the Anoka Conservation District, surveyed by the MN DNR, and monitored by local volunteers. The past five and twenty-five years of data (if available) for each lake are illustrated below, and all historical data are available on the Minnesota DNR website using the “LakeFinder” feature (<https://www.dnr.state.mn.us/lakefind/index.html>).

Purpose: To understand lake hydrology, including the impact of climate or other water budget changes. These data are useful for regulatory, building/development, and lake management decisions.

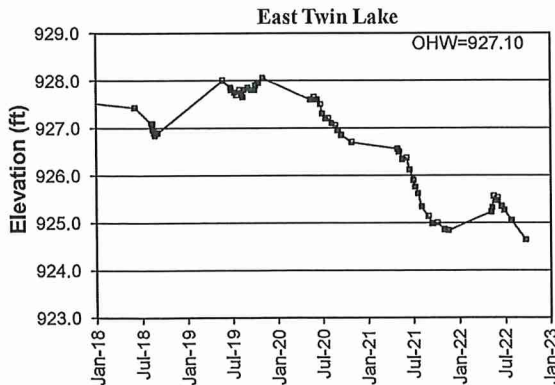
Location: East Twin, Rogers, Coopers, Minard, and Lake George

Results: In 2022 Anoka County was dry or in a state of drought throughout much of the growing season. Lake levels started near or below average and declined throughout the season. A water level rebound often seen in the fall was not observed.

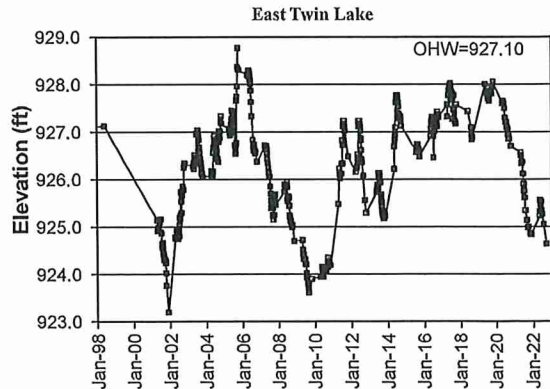
Water levels on East Twin Lake were the lowest since 2010 and averaged 2.01 feet less than the average recorded in 2020. Lake George and Minard Lake both had slight increases from 2021 levels, when water levels in Lake George were the lowest since 2012. Water levels in Lake George also fluctuated more than in previous years, spanning 1.30 feet. Roger Lake Levels increased from 2021 but it is worth noting that readings for Rogers were only recorded for the month of May and water levels on the lake were probably much lower later in the season. Water levels on Coopers Lakes were the lowest levels ever recorded dating back to 2011 when the lake was first monitored.

The Ordinary High Water Level (OHW) is listed for each lake on the corresponding graphs below. Anything work occurring below this elevation requires a DNR permit.

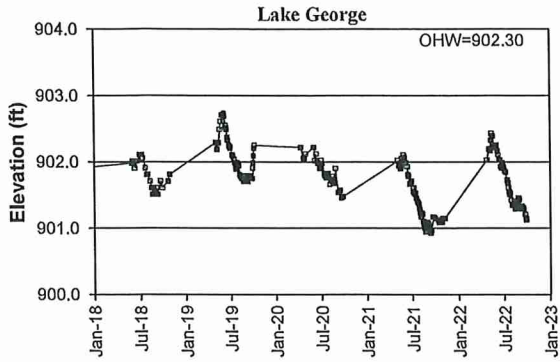
East Twin Lake Levels – last 5 years



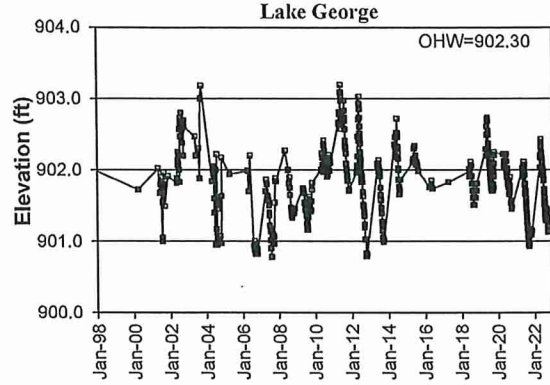
East Twin Lake Levels – Last 25 years



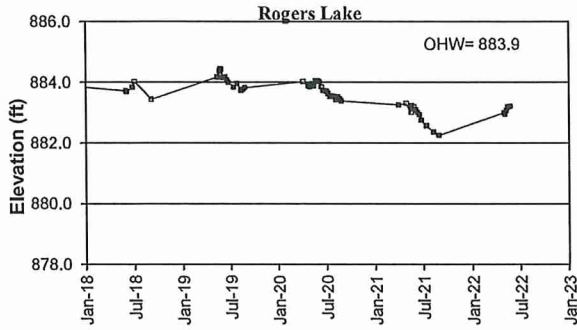
Lake George Levels – last 5 years



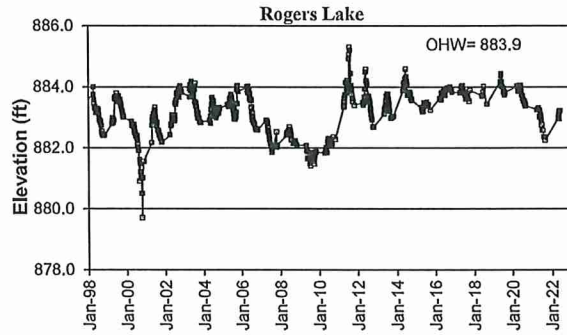
Lake George Levels – last 25 years



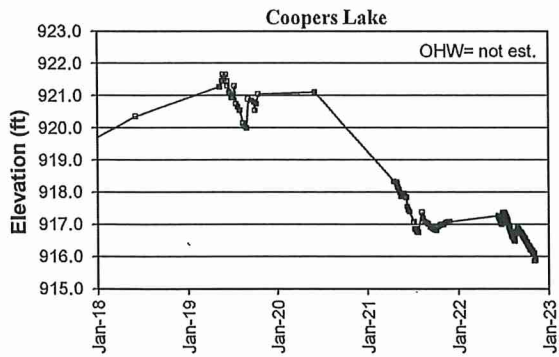
Rogers Lake Levels – last 5 years



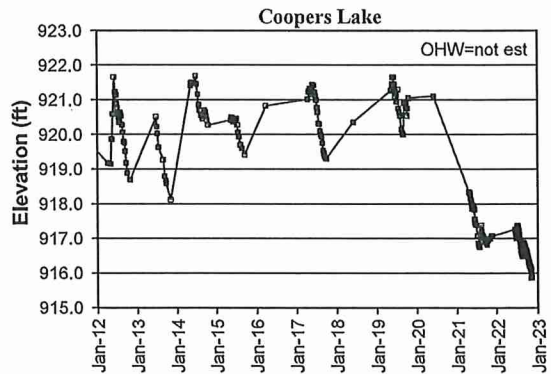
Rogers Lake Levels – last 25 years



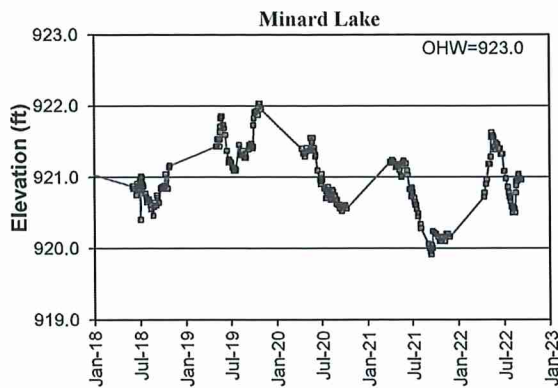
Coopers Lake Levels – last 5 years



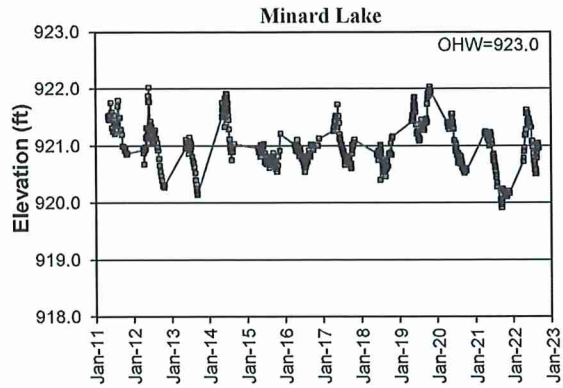
Coopers Lake Levels – last 10 years



Minard Lake Levels – last 5 years



Minard Lake Levels – last 10 years



Lake	Year	Average	Min	Max
Coopers	2018	N/A	N/A	N/A
	2019	920.90	920.00	921.65
	2020	N/A	N/A	N/A
	2021	917.40	916.76	918.34
	2022	916.73	915.87	917.37

Lake	Year	Average	Min	Max
East Twin	2018	927.00	926.84	927.43
	2019	927.83	927.65	928.05
	2020	927.28	926.70	927.65
	2021	925.65	924.84	926.56
	2022	925.27	924.64	925.56

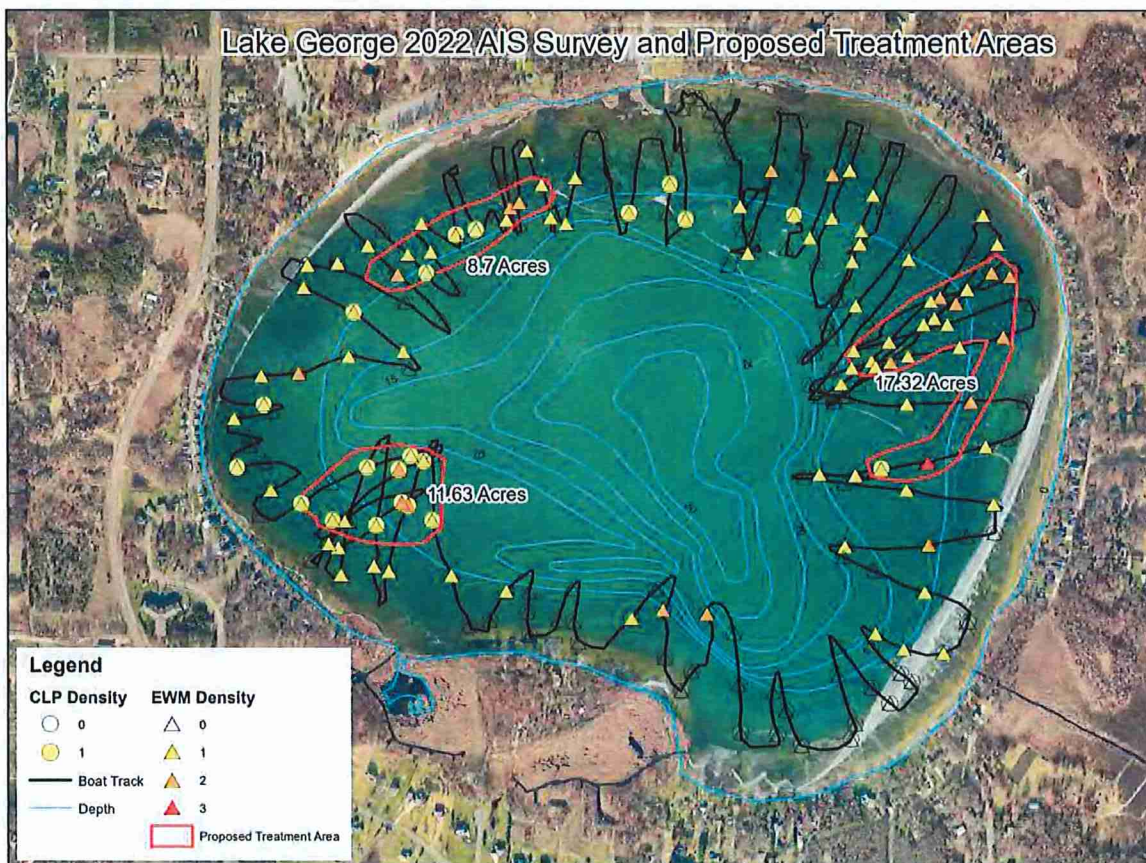
Lake	Year	Average	Min	Max
Minard	2018	920.80	920.40	920.40
	2019	921.50	921.09	922.03
	2020	920.94	920.52	921.55
	2021	920.62	919.91	921.24
	2022	921.03	920.50	921.62

Lake	Year	Average	Min	Max
George	2018	901.79	901.51	902.11
	2019	902.12	901.71	902.73
	2020	901.86	901.46	902.22
	2021	901.39	900.93	902.11
	2022	901.71	901.13	902.43

Lake	Year	Average	Min	Max
Rogers	2018	883.74	883.44	884.02
	2019	884.08	883.74	884.44
	2020	883.76	883.39	884.05
	2021	882.88	882.26	883.31
	2022	883.09	882.96	883.22

2022 Aquatic Invasive Vegetation Mapping

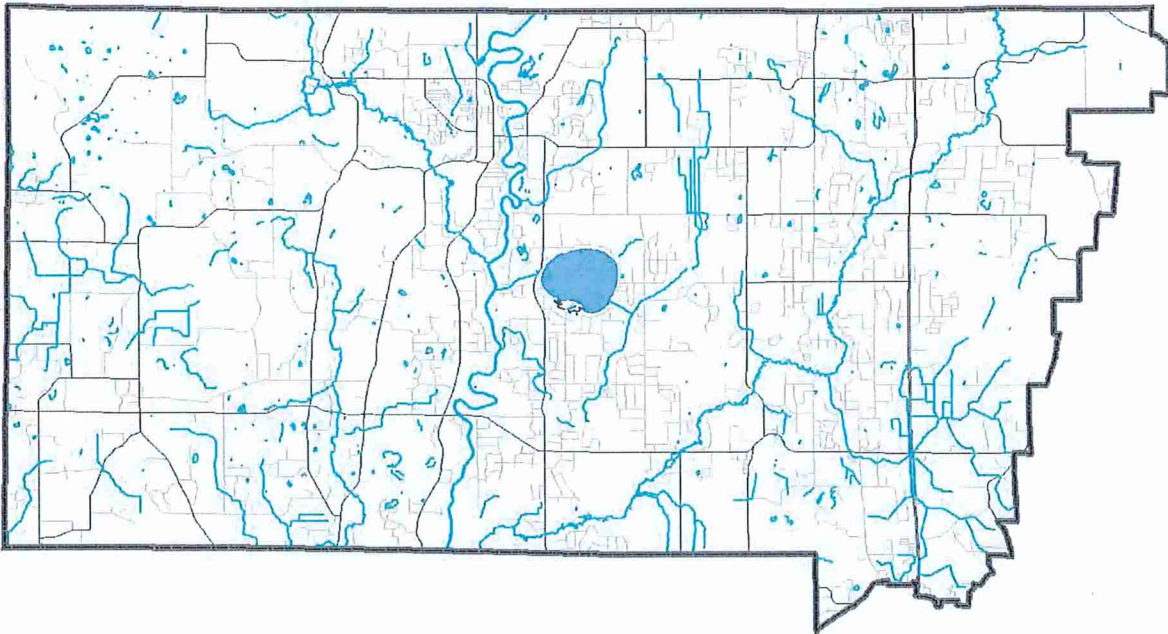
- Partners:** Lake George LID, Lake George Conservation Club, MNDNR, ACD
- Description:** The Anoka Conservation District (ACD) was contracted by the Lake George Lake Improvement District (GLID) to conduct an aquatic invasive vegetation delineation.
- Purpose:** To map out the presence of Curly Leaf Pondweed (CPL) and Eurasian Water Milfoil (EWM) as required for MN DNR herbicide treatment permits. The goal was to map these invasive species early in the growing season to allow for herbicide treatment as early as possible for reduced impacts on native plants and lessened possible impacts on water quality.
- Locations:** Lake George, City of Oak Grove
- Results:** The maps below were delivered to the MN DNR and Lake George Improvement District within 48 hours of the field surveys. These survey points were reviewed by the MN DNR and helped direct herbicide treatment efforts.
- May 23, 2022 Lake George Curly Leaf Pondweed (CLP) and Eurasian Water Milfoil (EWM) Survey.** DNR-selected proposed areas for herbicide treatment are also shown.



Lake Water Quality

- Partners:** ACD, Lake George LID and Conservation Club, URRWMO
- Description:** Lake water quality monitoring was conducted ten times between May through September, approximately every two weeks. The monitoring parameters include total phosphorus, chlorophyll-a, Secchi transparency, dissolved oxygen, turbidity, temperature, specific conductance, pH, and salinity.
- Purpose:** To detect water quality trends and diagnose the cause of change.
- Locations:** Lake George
- Results:** Detailed data for each lake are provided on the following pages, including summaries of historical conditions and trend analysis. Previous years' data are available on the Minnesota Pollution Control Agency (MPCA) electronic data access (EDA) website or from ACD. Refer to Chapter 1 for additional information on lake dynamics and interpreting the data.

2022 Upper Rum River Watershed Lake Water Quality Monitoring Sites



Lake George

CITY OF OAK GROVE, LAKE ID # 02-0091

Background

Lake George is located in north-central Anoka County. The lake has a surface area of 535 acres with a maximum depth of 32 feet (9.75 m). Public access is from Lake George County Park on the lake's north side, where there is both a swimming beach and a boat launch. About 70% of the lake is surrounded by homes; the remainder is county parkland. The watershed is mostly undeveloped or vacant, with some residential areas, particularly on the lakeshore and in the southern half of the watershed. Lake George is a highly valued lake due to its recreational opportunities and ecological quality. The lake has a large park, many lakeshore homes, and a notably diverse plant community (most metro area lakes have 10-12 different aquatic plant species; Lake George is home to 24).

The MN DNR conducted a standard fisheries survey of this lake in 2014. The lake contains a typical Largemouth Bass-Bluegill-Northern Pike fish community. Fish management efforts have attempted to establish a Walleye population through stocking but this assessment indicates poor recruitment of stocked fingerlings, likely due to the high Northern Pike population. Walleye stocking has not occurred in Lake George since 2014.

2022 Results

In 2022, Lake George had worse water quality than in 2021, receiving an overall B letter grade after receiving A letter grades the last four years. These results are similar to what was recorded between 2009 and 2017, when the majority of monitoring years scored an B letter grade, largely due to declining Secchi transparency during that period.

Results for individual water quality parameters varied. Total phosphorus in 2022 averaged 40.09 µg/L, nearly double the average recorded in 2021 and is the worst on record dating back to 1981. Average Secchi transparency was 7.16 ft (2.2m), which was 2.34 feet less than the previous year, and the lowest since 2011. Chlorophyll-a (Cl-a) averaged 10.20 µg/L, which was the highest since 2011. Cl-a, TP, and transparency were all poorest in August and September. Throughout the season, all three parameters were usually better than the state water quality standards for deep lakes in the region (NCHF Ecoregion).

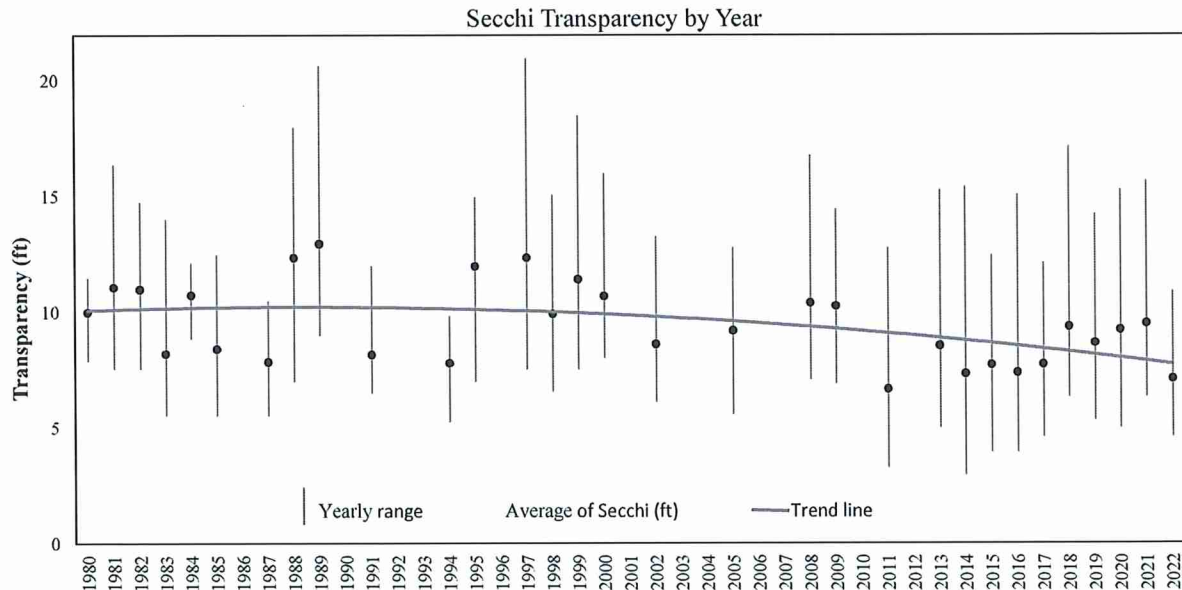
Although Lake George water quality remains better than state standards and is ranked good for a metro-county lake, simply adhering to these standards is not the goal for such an important water body. Decline of Lake George's Secchi transparency has been a cause for concern in recent years with a now twenty-one-year trend of decline in our statistical analyses. 2018-2021 had improved water clarity, but these results are most likely linked to below average precipitation.

Trend Analysis

The Metropolitan Council (between 1980 and 2009) and the Anoka Conservation District (1997, 1999, 2000, 2002, 2005, 2008, 2011, and 2013-2022) have collected over thirty-one years of water quality data. A broad analysis of overall water quality that simultaneously considers TP, Cl-a, and Secchi transparency did find a statistically significant trend looking at all years of data (repeated measures MANOVA with response variables TP, Cl-a, and Secchi transparency, $p < 0.05$). When parameters are isolated for individual analysis, there is no significant change in Cl-a or TP. However, during this same period there is a statistically significant trend of declining Secchi transparency ($p < 0.001$).

When the years 2011-2021 are isolated, a statistically significant trend of improving water quality for all parameters was present (repeated measures MANOVA with response variables TP, Cl-a, and Secchi transparency, $p < 0.05$). When 2022 water quality results are included in the analysis, there is no longer a statistically significant trend ($p = 0.13$). This is also the case when parameters are isolated for individual analysis.

Lake George Secchi Transparency Trend: Includes years with partial datasets not covering all open water months. Those years are excluded from ACD's statistical analysis and graphs later in this document.



Discussion

Lake George remains one of the clearest of the Anoka County lakes, but a trend of declining Secchi transparency from the mid-1990s through around 2016 caused concern. In 2018, an intensive study of the lake and its watershed was completed. Work for the study included monitoring of tributaries, modeling, and evaluation of projects to correct declining water quality. The Lake George Improvement District, Lake George Conservation Club, Anoka Conservation District, and a state Clean Water grant funded the study.

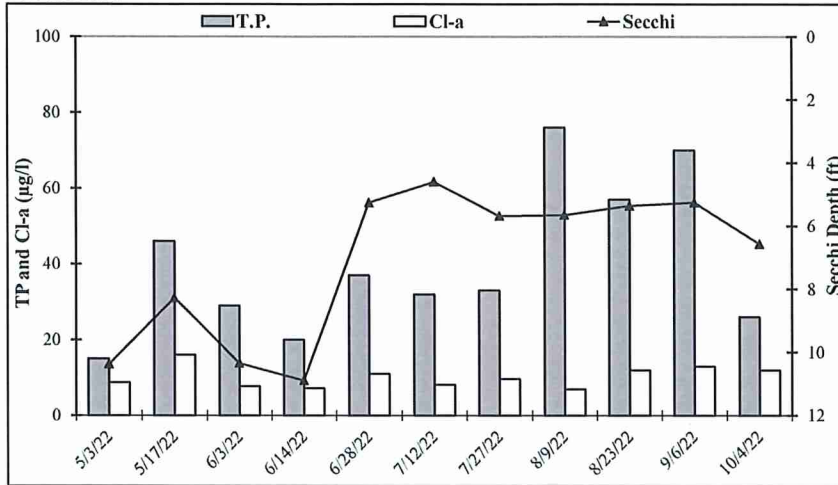
The aforementioned study provides some insight into the causes of transparency decline. While a number of factors may play a role, an increase in the average amount of precipitation is the most significant driver identified. Water years (Oct. 1 – Sept. 30) that are wetter than the 100-year 90th percentile result in increased volumes of runoff and nutrients into the lake from surrounding tributaries, and the lake has the poorer clarity in those years, or in immediately subsequent years. These “wet” years were more frequent during the period when lake transparency declined. Six out of sixteen years from 2001 to 2017 were “wet” with water year precipitation above the historical 90th percentile, with 1999 reaching just under the 90th percentile mark. Additionally, four of these six wet years occurred during the sustained low Secchi transparency period of 2010 through 2017.

Annual precipitation returned to normal levels in 2017 and 2018. The 2019 calendar year was the wettest on record, with Secchi results being only slightly poorer than in 2018, but that average was likely skewed by much higher readings earlier in the season. Annual precipitation in 2020-2022 was below average and the correlation between precipitation and Secchi clarity was again observed in 2020 and 2021 but not in 2022 which had low precipitation and poor Secchi transparency. There is concern that climate change and increased runoff from development in the watershed will drive poorer water quality in Lake George into the future.

The Ditch 19 weir just east of Lake George was replaced in 2020. This structure is an important hydrological control for the lake and this project may have offered some additional clarity benefit right away. The replaced outlet structure should result in reduced nutrient delivery to the lake during wet years, and the broader benefits of restoring lake hydrology and enhancing game fish spawning opportunities. Other actions identified in the 2018 study include agricultural best practices, an iron-enhanced sand filter in the County Park, public education, lakeshore restorations, enhanced stormwater standards for new developments in the lakeshed and others. While certain tributary subwatersheds do generate more nutrients than others, and therefore deserve special consideration for projects, it is also noted that some of these subwatersheds drain through large wetlands with some apparent pollutant removal ability. Projects nearest the lake are favored because they treat a larger upstream area and do not duplicate treatment that might already be provided by certain wetlands.

The MN DNR notes an additional concern for Lake George in the 2017 Rum River Watershed Fish-Based Lake IBI Stressor Identification Report. That report found Lake George’s fish community was not impaired, but was one of special concern and deemed vulnerable. Lack of aquatic habitat and near-shore development disturbances were indicated as stressors. To help address this concern The Anoka Conservation District received a grant to implement lakeshore restoration projects on the lake in 2021-2022. These types of practices promote native lakeshore habitat while also reducing phosphorus loading into the lake.

**LAKE GEORGE
2022 Results**



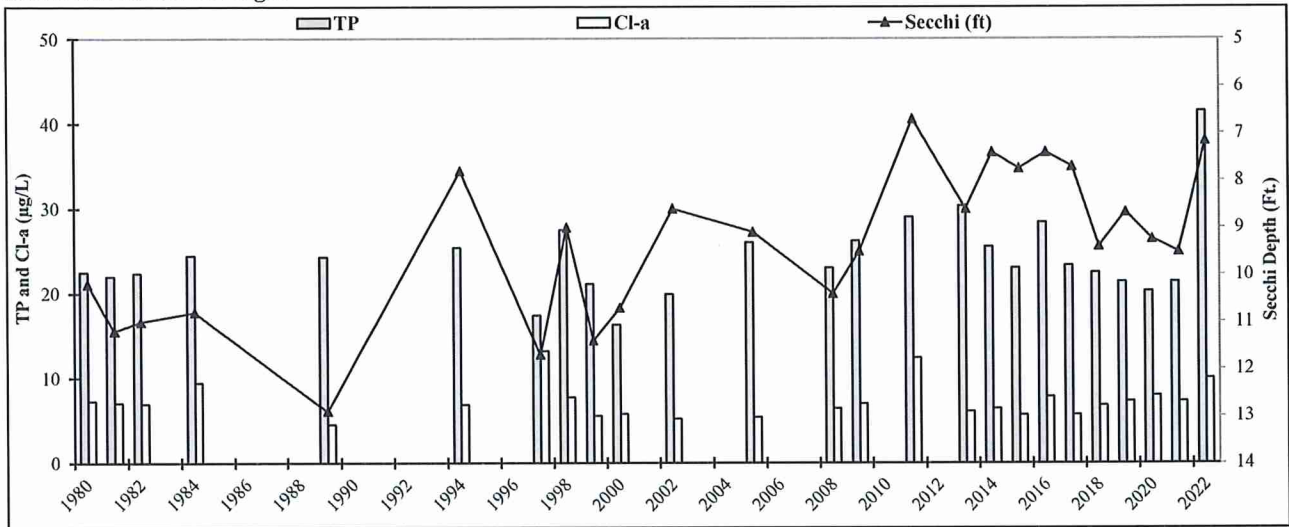
2022 Median Results

pH		8.61
Specific Conductance	mS/cm	0.24
Turbidity	NTU	1.59
D.O.	mg/l	8.60
D.O.	%	99.45
Temp.	°F	73.83
Cl-a	µg/L	9.25
T.P.	µg/l	35.00
Secchi	ft	5.66

**Lake George
2022 Water Quality Data**

Units	RL*	Date:											Average	Min	Max	
		5/3/2022 11:48	5/17/2022 11:40	6/3/2022 12:23	6/14/2022 12:19	6/28/2022 9:05	7/12/2022 11:51	7/27/2022 10:14	8/9/2022 12:06	8/23/2022 10:30	9/6/2022 10:37	10/4/2022 11:19				
pH	0.1	8.38	8.79	8.26	8.29	8.52	8.69	8.47	8.86	8.87	8.75	8.66	8.59	8.26	8.87	
Specific Conductance	mS/cm	0.240	0.238	0.238	0.237	0.229	0.225	0.224	0.222	0.219	0.220	0.223	0.229	0.219	0.240	
Turbidity	NTU	1	1.51	1.11	0.95	1.39	1.590	1.63	2.02	2.25	2.11	1.82	1.68	1	2	
D.O.	mg/l	0.01	12.20	10.79	8.83	8.33	8.46	8.09	7.28	8.74	9.62	8.07	10.13	9.14	7.28	12.20
D.O.	%	1	104.1	113.8	93.4	96.4	100.3	98.6	87.0	104.9	114.5	93.4	103.4	100.9	87.0	114.5
Temp.	°C	0.1	8.38	17.89	18.52	22.60	23.88	25.35	24.33	24.52	24.05	22.57	16.31	20.8	8.4	25.4
Temp.	°F	0.1	47.1	64.2	65.3	72.7	75.0	77.6	75.8	76.1	75.3	72.6	61.4	69.4	47.1	77.6
Cl-a	mg/m ³	1	8.80	16.00	7.70	7.20	11.00	8.10	9.70	7.00	12.00	13.00	12.00	10.23	7.0	16.0
T.P.	mg/l	0.005	0.015	0.046	0.029	0.020	0.037	0.032	0.033	0.076	0.057	0.070	0.026	0.040	0.015	0.076
T.P.	µg/l	5	15	46	29	20	37	32	33	76	57	70	26	40.09	15	76
Secchi	ft		10.4	8.3	10.3	10.9	5.2	4.6	5.7	5.6	5.3	5.2	6.6	7.11	4.6	10.9
Secchi	m		3.16	2.52	3.15	3.32	1.60	1.40	1.73	1.72	1.63	1.60	2.00	2.2	1.4	3.3
Physical			1.0	3.0	2.0	2.0	2.0	3.0	3	2.0	4	3.0	3.0	2.5	1.0	4.0
Recreational			1.0	2.0	2.0	2.0	1.0	2.0	2	2.0	3	2.0	4.0	2.1	1.0	4.0

Historical Annual Averages



Historical Report Card

Year	TP	Cl-a	Secchi	Overall
1980	A	A	A	A
1981	A	A	A	A
1982	A	A	A	A
1984	B	A	A	A
1989	B	A	A	A
1994	B	A	B	B
1997	A	B	A	A
1998	B	A	B	B
1999	A	A	A	A
2000	A	A	B	A
2002	A	A	B	A
2005	B	A	B	B
State Standards	40 µg/L	14 µg/L	>4.6 ft	

Year	TP	Cl-a	Secchi	Overall
2008	B+	A	A	A
2009	B	A	B	B
2011	B	B	C	B
2013	B	A	B	B
2014	B	A	B	B
2015	A	A	B	A
2016	B	A	B	B
2017	B	A	B	B
2018	A	A	B	A
2019	A	A	B	A
2020	A	A	B	A
2021	A	A	B	A
2022	C	B+	B-	B
State Standards	40 µg/L	14 µg/L	>4.6 ft	

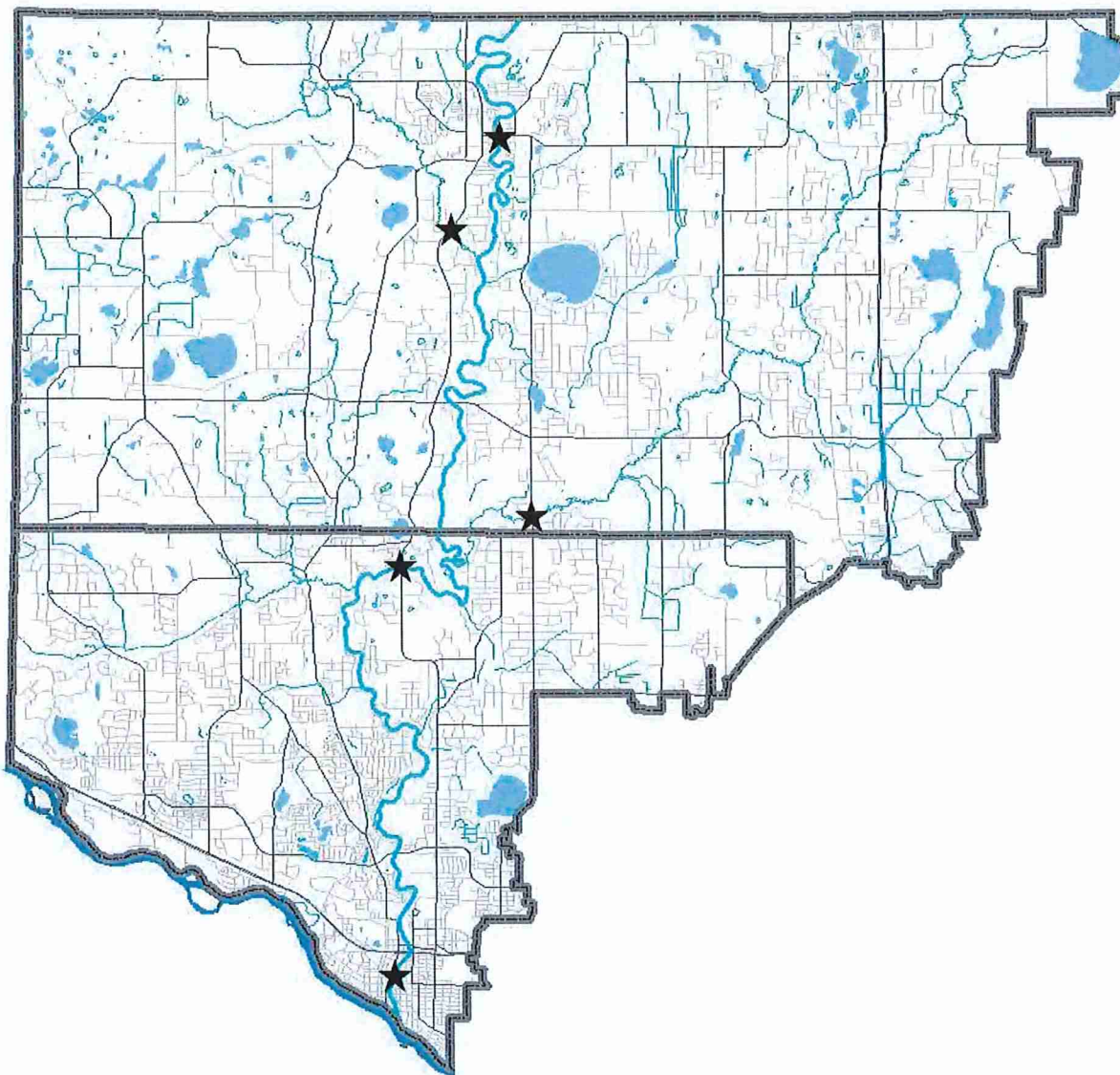
Stream Water Quality Monitoring

Partners: ACD, LRRWMO, and URRWMO

Locations: Rum River at C.R. 24, Seeyle Brook at C.R. 7, Cedar Creek at Hwy 9, Rum River at C.R. 7, Rum River at Anoka Dam (sites listed upstream to downstream)

Description: Water quality monitoring was conducted eight-times between May – September, four times following storm events and four times during baseflow conditions. The monitoring parameters includes total phosphorus, total suspended solids, dissolved oxygen, turbidity, temperature, specific conductance, pH, and salinity.

2022 Rum River Monitoring Sites



Rum River Stream Water Quality

Rum River at Co. Rd. 24 (Bridge St), St. Francis	STORET Site ID = S000-066
Seelye Brook at Co. Rd. 7, St. Francis	STORET Site ID = S003-203
Cedar Creek at Hwy 9, Oak Grove	STORET Site ID = S003-203
Rum River at Co. Rd. 7 (Roanoke St), Ramsey	STORET Site ID = S004-026
Rum River at Anoka Dam, Anoka	STORET Site ID = S003-183

¹monitored by the Metropolitan Council

Background

The Rum River is one of Anoka County's most valuable water resources. The river is designated as a state "scenic and recreational" river until it reaches southern Anoka County and is used extensively for all types of recreation. A large portion of western Anoka County drains to the Rum River including the subwatershed of Seelye Brook, Trott Brook, Ford Brook, and Cedar Creek. Additional sites monitored by the Anoka Conservation District (ACD) have been included in this report to provide further context to water quality conditions in the Rum River.

In 2004, 2009-2011 and 2014-2021, water quality monitoring was conducted at various sites along the Rum River and tributaries. In 2022, monitoring was completed at three Rum River sites and two tributary sites that input into the Rum River in northwestern Anoka County. The objective of this data is to help determine how water quality changes in the Rum River system as it moves through Anoka County and where these changes might be occurring. The data is reported for all sites, side-by-side, for a more comprehensive analysis of water quality in the Rum River, upstream to downstream. Land use surrounding the river changes dramatically from rural residential in the upstream portions of Anoka County to suburban and urbanized in the downstream areas. Sites included:

Rum River at C.R. 24 is located in northern Anoka County, the City of St. Francis with the Isanti County border just upstream. This location is the best available site to monitor the upstream extent of the Upper Rum River Watershed Management Organization and Anoka County.

Cedar Creek at C.R. 9 is a tributary originating in south central Isanti County, flowing southwest before entering the Rum River. Cedar Creek flows through north central Anoka County, progressing through lands with high-quality natural communities, including the Cedar Creek Ecosystem Science Reserve. Habitat in the lower stretches of the stream are of moderate quality but the stream is listed as an impaired water for excessive *E. coli* bacteria. Cedar Creek is one of the larger streams in Anoka County, reaching 25-feet wide and regularly having depths greater than 2-feet during baseflow conditions. The stream bottom is primarily silt. The watershed is moderately developed with scattered single-family homes but the area continues to develop rapidly.

Seelye Brook at Hwy 7 is a tributary stream originating in southwestern Isanti County, flowing south through northwestern Anoka County before entering the Rum River. This stream is low gradient, like most other local streams. Seelye Brook has a silty or sandy bottom and lacks riffle-pool sequences. It is a moderate to large stream for Anoka County, with a typical baseflow width of 20-25 feet.

Rum River at Hwy 7 is an approximate mid-way point for the Rum River's length in Anoka County. It is at the approximately dividing line between the Upper and Lower Watershed Management Organizations and the costs for monitoring this sites are shared by those organizations.

Rum River at Anoka Dam represents the downstream extent of the Rum River in Anoka County before it enters the Mississippi River. While the Rum River technically extends farther downstream, monitoring occurs at this location to avoid backwater influences of the Mississippi River. This site is monitored by the Metropolitan Council (Met Council), and annual monitoring has occurred back to 1996.

Methods

In 2022, grab samples were collected on eight sampling occasions half during baseflow conditions and half following storm events. All sites were monitored by ACD staff, except for Rum River at the Anoka Dam was monitored by the Metropolitan Council following a different schedule and sampling protocol. Metropolitan Council data is still included in this report for comparison purposes.

Storms were generally defined as one-inch or more of rainfall within a 24-hour period, or a significant snowmelt event combined with rainfall. In some years, smaller storms were sampled because of low precipitation totals. This was the case in 2022 but all storms sampled were significant runoff events. Key parameters tested with multi-parameter probes included pH, specific conductivity, turbidity, temperature, salinity, and dissolved oxygen. Parameters analyzed by a state-certified lab included total phosphorus, total suspended solids, and chlorides at Rum River C.R. 7 and Rum River at the Anoka Dam.

The intention of this report is to provide a comparison of water quality in the Rum River as it moves upstream to downstream. This report only includes parameters that were tested in 2022 and does not include any additional parameters tested by the Met Council or any of their additional sampling. For more detailed information, see Met Council reports at <https://eims.metc.state.mn.us/>. All raw data can be obtained from ACD's online database (<https://maps.barr.com/Anoka/Home/Chart/>), and is also available through the MPCA's EQUIS database, (<https://www.pca.state.mn.us/data/environmental-quality-information-system-equis>).

Results Summary

This report includes data from 2022 and an overview of historical data. The following is a summary of results.

- Dissolved constituents were measured by specific conductivity and chlorides. Specific conductivity in the Rum River is lower than other Anoka County streams and within the healthy range. Chlorides are a regional concern and proactive measures to ensure it does not become elevated in the Rum River watershed is recommended. Periodic monitoring every 2-5 yrs. is recommended.
- pH was within a healthy range (6.5-8.5) at all monitoring sites in in 2022.
- Dissolved oxygen remained above the state standard of 5 mg/L in 2022 and throughout previous monitored years at all monitoring sites. No concerns.
- Phosphorus levels in the Rum River in recent years have regularly exceeded the state standard of 100 µg/L at all sampled sites, but on average been slightly lower than this threshold. 2022 total phosphorus in the Rum River in 2022 averaged 78.8, 83.3, and 86.0 µg/L at sampled sites from upstream to downstream. Reducing phosphorus levels in the Rum River is a regional priority.
- Suspended solids and turbidity remained at acceptable levels in the Rum River, Cedar Creek, and Seelye Brook. Robust stormwater treatment within new developments and continued surveillance monitoring is recommended.
- Overall – The priority for the Rum River is reducing phosphorus. A 5% reduction is a top goal identified in local and regional plans. Achieving it will require work throughout the watershed, including upstream of Anoka County.

Below the data is presented and discussed for each parameter in greater detail. Management recommendations for each parameter is included in individual sections.

Specific Conductivity and Chlorides

Conductivity and chlorides are measures of dissolved pollutants. Dissolved pollutant sources include urban road runoff and industrial chemicals, among many others. Conductivity is a broad measure of dissolved pollutants. It measures electrical conductivity of the water pure water with no dissolved constituents has zero conductivity. Significant changes in water conductivity may indicate new pollutant sources to a waterbody. Some common sources of this type of pollution are road salts, water softeners, septic leaks, and agricultural chemicals.

Specific conductivity was acceptably low in the Rum River including in 2022. Conductivity at Rum River sites was similar, and in nearly all years it increases slightly upstream to downstream. Average specific conductivity from upstream to downstream in 2022 (all conditions) was 0.299 mS/cm, 0.310 and 0.298 mS/cm, respectively. This consistent trend of increasing conductivity from upstream to downstream likely reflects higher road densities and greater deicing efforts with salt application as well as other pollutant sources associated with higher road density and development. All three sites had levels lower than the historical median for Anoka County streams of 0.561 mS/cm.

In past monitoring years, conductivity was usually higher during baseflow conditions but this was not the case in 2022. Lower conductivity following a storm event suggests that stormwater runoff contains fewer dissolved pollutants than the surficial water table that feeds the river during baseflow. High baseflow conductivity has been observed in many area streams with the largest source believed to be road salts that have infiltrated into the shallow aquifer. Water softening salts and geologic materials can also be contributors. Lower baseflow conductivity than storm conductivity in 2022 could be influenced by low water levels in the river, variabilities in precipitation and/or runoff, or the timing when the sampling occurred.

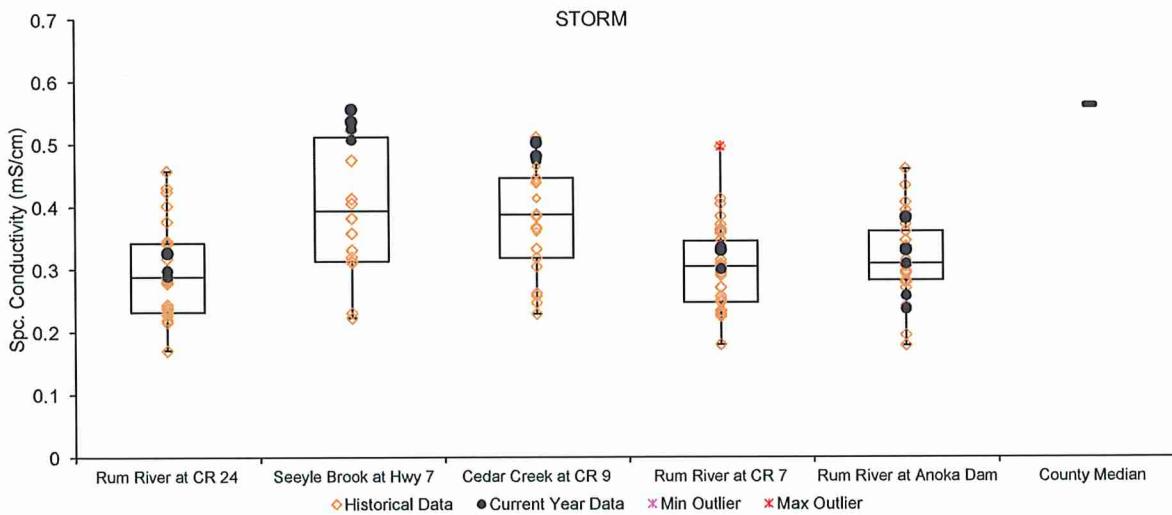
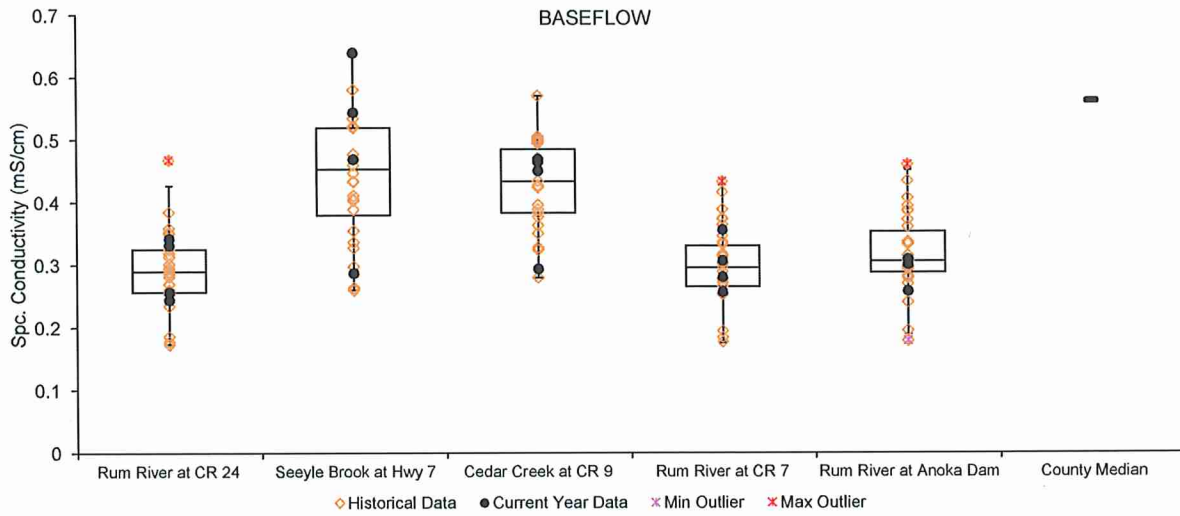
Specific conductivity is higher in Seeyle Brook and Cedar Creek compared to the Rum River but still remains lower than the median for Anoka County streams (0.561 mS/cm). Average conductivity (all years, all conditions) was 0.508 mS/cm at Seeyle Brook and 0.452 mS/cm at Cedar Creek.

Chlorides are the measure of chloride salts, the most common of which are road de-icing chemicals or water softener discharge. Chlorides can also be present in other types of wastewater. These pollutants are concerning because of the effect they can have on the stream's biological community. While chloride levels are currently low, they should continue to be monitored and proactive prevention practices should be implemented to limit them in the future.

In 2022, chlorides were monitored in the Rum River at C.R. 7 (on 4 of 8 sampling occasions) and the Anoka Dam only. These sites were last sampled in 2018. Chloride results in 2022 ranged between 12.75 mg/L and 14.85 mg/L, far below the state's chronic standard for aquatic life (230 mg/L). Sampling did not occur during snowmelt, when chloride is likely to be highest.

For water resource management, it is important to note that the sources of dissolved pollutants are generally the same for both stormwater and baseflow it is only the timing of delivery to the waterway that is different. Preventing the release of dissolved pollutants into the environment and treating them before infiltration occurs should be a high priority. Training and equipment that minimize road salting while still maintaining safe roads safe is being increasingly emphasized by watershed managers. The MPCA now provides a training program where organizations and employees to obtain a smart-salting certification, which then has to be renewed every few years.

Specific Conductivity during Baseflow and Storm Conditions. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).

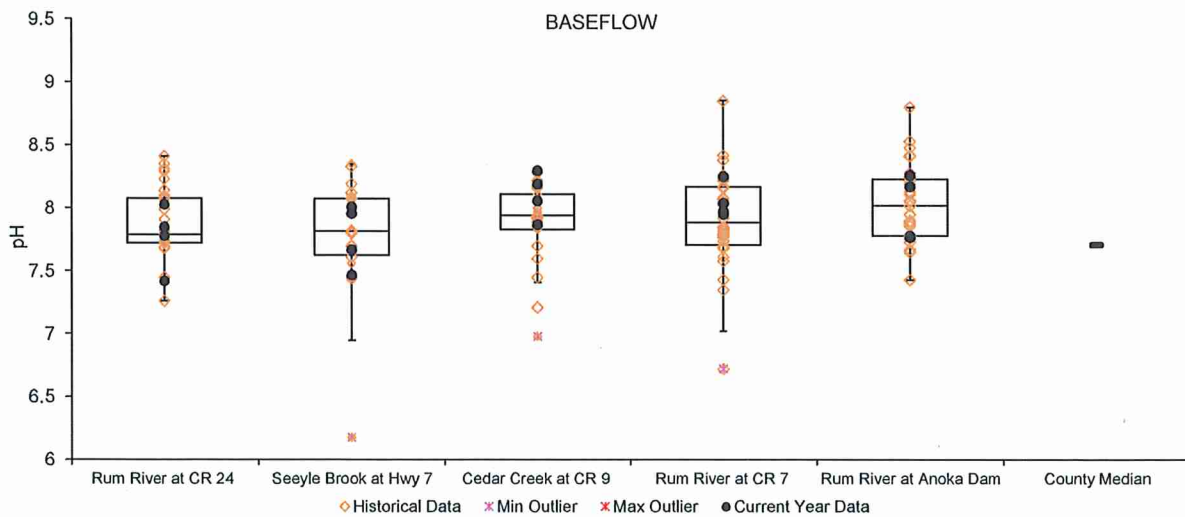
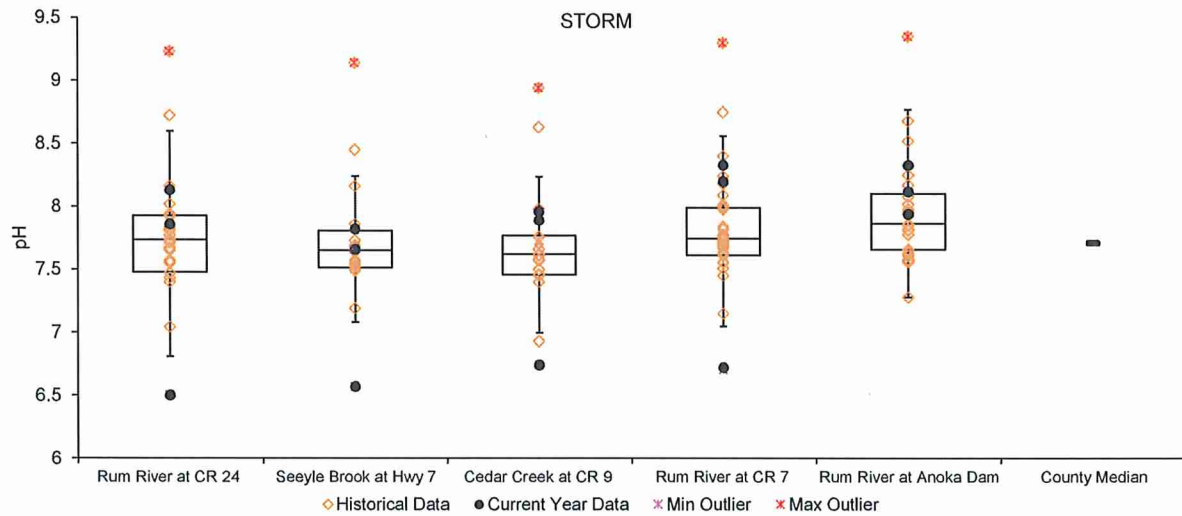


pH

pH refers to the acidity of the water. The state standard for pH is between 6.5 - 8.5 and pH is generally lower during storm events than during baseflow conditions because the pH of rain is typically lower (more acidic). While acid rain is a longstanding problem, its effect on this aquatic system is minimal. pH in the Rum River is generally within the healthy range and has only exceeded 8.5 on a few occasions in the past. The rare occasion when pH does exceed the state standard should not be concerning.

pH in Cedar Creek and Seeyle Brook were both within the normal healthy range in 2022. Cedar Creek has only exceeded 8.5 on two occasions historically. Seeyle Brook has only exceeded the state range (6.5-8.5) on one sampling occasion. Discharge of nutrient rich algae waters from lakes or wetlands into waterways is a factor that could influence spikes in pH. Spikes over 8.5 seem to be happening more frequently in recent years, although it is a positive development that they did not occur this year.

pH during Baseflow and Storm Conditions. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).

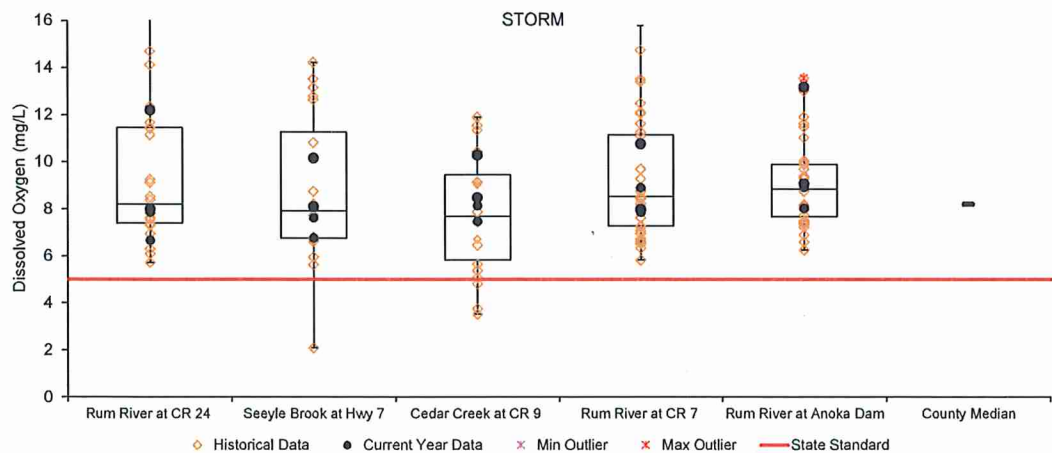
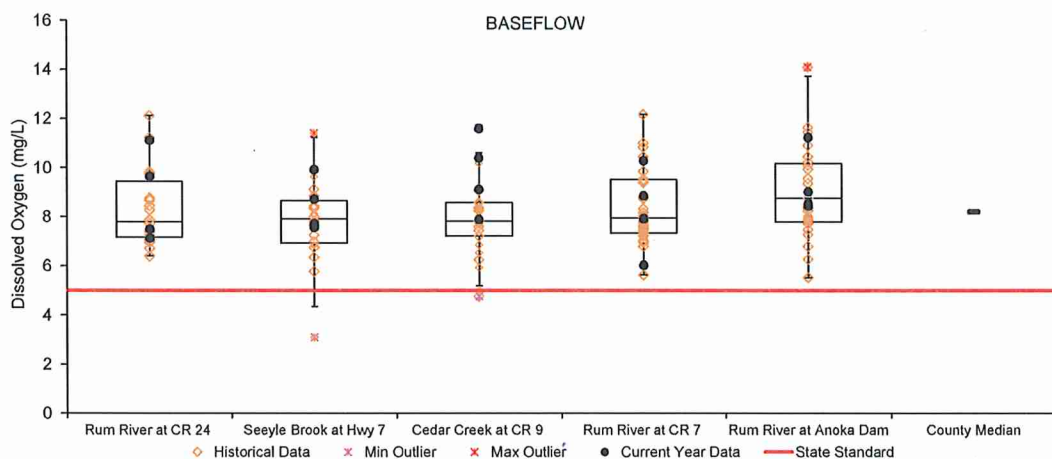


Dissolved Oxygen

Dissolved oxygen is necessary for aquatic life, including fish. Organic pollution causes oxygen to be consumed during decomposition. If oxygen levels in water fall below 5 mg/L, aquatic life begins to suffer. A stream is considered impaired if 10% of observations are below 5 mg/L in the last 10-years. Dissolved oxygen levels are typically lowest in the early morning because of decomposition consuming oxygen at night without the offsetting of oxygen production by photosynthesis. In 2022, all measurements of dissolved oxygen in the Rum River were above 5 mg/L. Dissolved oxygen has never been observed below the state standard (5 mg/L) at any of the Rum River sites. Only on a handful of occasions has dissolved oxygen been recorded below 6.0 mg/L and many of these results were recorded during the same storm event.

2022 dissolved oxygen measurements in Cedar Creek and Seeyle Brook were all above 5 mg/L. Median dissolved oxygen, for all years and all conditions, was 7.82 mg/L for Cedar Creek and 7.91 mg/L at Seeyle Brook. Only a few readings of dissolved oxygen below 5 mg/L have ever been recorded at either of these sites and there is no management concern at this time. Decreases in dissolved oxygen levels may be a result of increased nutrients in the system. Managing phosphorus and nitrogen loading to the streams will help ensure healthy dissolved oxygen levels.

Dissolved Oxygen during Baseflow and Storm Conditions. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



Total Phosphorus

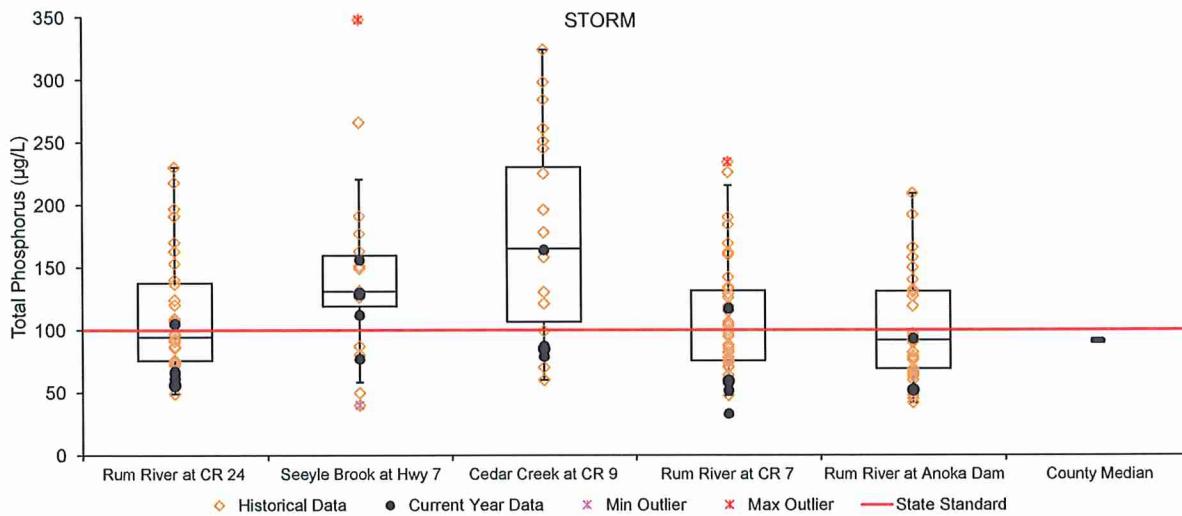
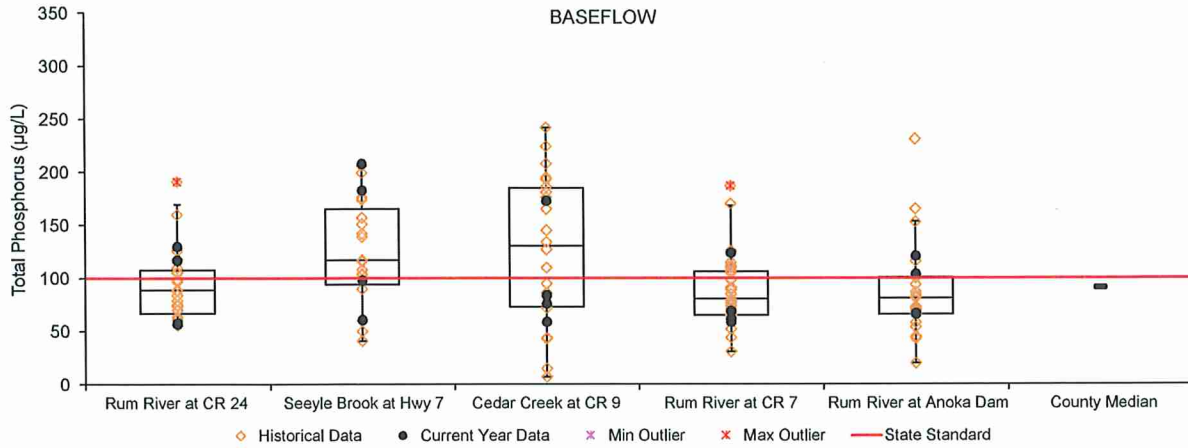
The nutrient phosphorus is one of the most common pollutants to local waterways, and can be associated with stormwater runoff, wastewater, fertilizers, soil loss, and many other sources. Since it is an essential nutrient in the natural ecosystem, even a slight increase of phosphorus levels in a waterway can result in harmful algae blooms, accelerated plant growth, low dissolved oxygen levels and other negative effects to fish, macroinvertebrates, and other aquatic animals. Phosphorus levels in the Rum River are nearing the state impairment thresholds. Average phosphorus concentrations at the three Rum River monitoring sites regularly exceeds the state standard for impairment (100 µg/L) but on average is slightly lower. In 2022, average phosphorus concentrations at the Rum River sites for all conditions, upstream to downstream, were 81.5, 71.87 and 84.75 µg/L, respectively. Phosphorus during storm flows is higher than base flows. For example, at County Road 7 the average TP across all years monitored is 87.5 µg/L during base flow and 108.1 µg/L during storms. Of the 86 samples taken across all years at that site there have been twelve exceedances of the state standard during baseflow and 21 during storm flows.

Cedar Creek had TP similar to the Rum River in 2022 but was higher in previous years. The 2022 total phosphorus levels in Cedar Creek averaged 104.0 µg/L during all conditions. The median phosphorus concentration in Cedar Creek at CR 9 (all years) is 124 µg/L during baseflow and 169 µg/L post-storm. The median for Anoka County streams is 91 µg/L and the state standard is 100 µg/L. Historically, 33 of the 50 measurements taken at the Cedar Creek site have been greater than 100 µg/L, with an average of 146 µg/L and median of 151 µg/L. Individual results over 200 µg/L have been a near-annual occurrence since 2015 but were not observed in 2022.

Seelye Brook TP is higher than the Rum River or Cedar Creek. In 2022, total phosphorus concentration in Seelye Brook was 135 µg/L across all conditions. It averaged 137.50 µg/L during baseflow and 118.5 µg/L post-storm. The median phosphorus concentration in Seelye Brook at Hwy 7 for all years is 126 µg/L during baseflow, 144 µg/L during storm events, and 134 µg/L across all events. 74% of samples taken since 1998 have had TP concentrations above the state standard.

Phosphorus in both Cedar Creek and Seelye Brook are at concerning levels. Because Cedar Creek's subwatershed has rural residential development, little stormwater infrastructure or agriculture, and abundant wetlands it is reasonable to think that natural sources and wetlands are a significant phosphorus source. Seelye Brook has more agriculture including at least one feedlot, a City of St. Francis wastewater treatment plant that was upgraded in 2017, and wetlands its phosphorus sources may be more mixed. Continued monitoring and efforts to reduce phosphorus are needed throughout the watershed. Areas to focus can include ensuring robust stormwater treatment in residential development and agricultural best management practices. Keeping the Rum River off of the state impaired water's list is a priority for the area.

Total Phosphorus during Baseflow and Storm Conditions. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



Turbidity and Total Suspended Solids (TSS)

Turbidity and total suspended solids (TSS) are two different measurements of solid material suspended in the water. Turbidity is measured by refraction of a light beam passed through a water sample and is sensitive to larger particles. TSS is measured by filtering solids from a water sample and weighing the filtered material. The amount of suspended material present in water is important because it affects water transparency, aquatic life, and because many other pollutants are attached to sediment particles.

Stormwater treatment practices such as street sweeping, sumps, and stormwater settling ponds target sediment and attached pollutants. Suspended solids in the waterway can come from both internal and external sources. External sources can include a variety of particles in stormwater runoff. Internally, bank erosion and movement of the bottom substrate contribute to suspended sediments. A moderate amount of this type of internal loading is natural. In 2022, turbidity and TSS levels in the Rum River were lower than the historical median for Anoka County streams.

Turbidity is generally low in the river but increases are observed after storm events. There is no clear trend of changing turbidity or suspended solids from upstream to downstream. In 2022 average turbidity (all conditions) for sites upstream to downstream were 7.2, 19.4, and 3.85 NTU. The historical median for Anoka County streams is 8.9 NTU. Turbidity was elevated on a few occasions, especially following storm events. In 2022 water levels were low most of the year, except in spring.

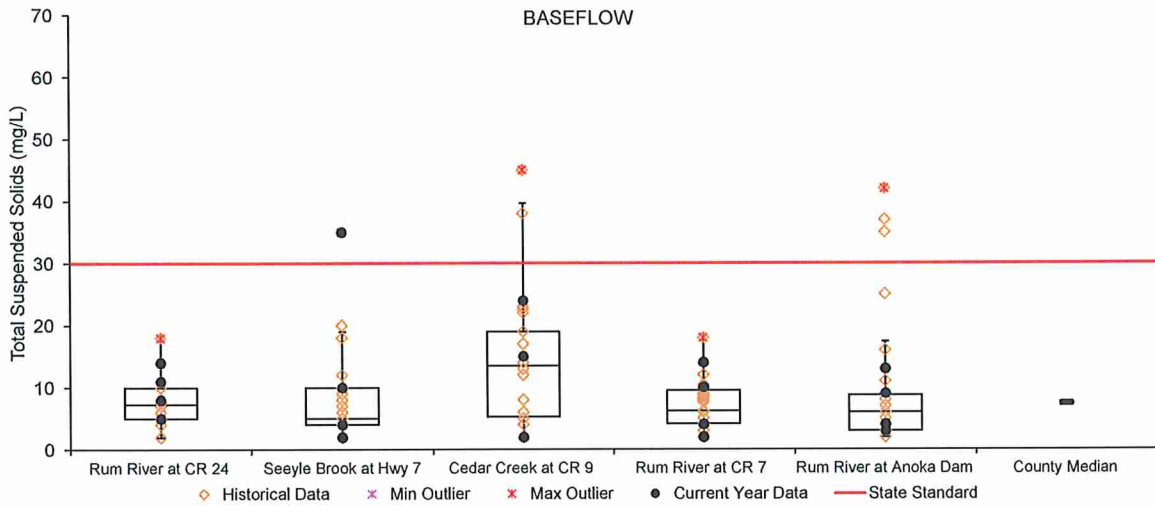
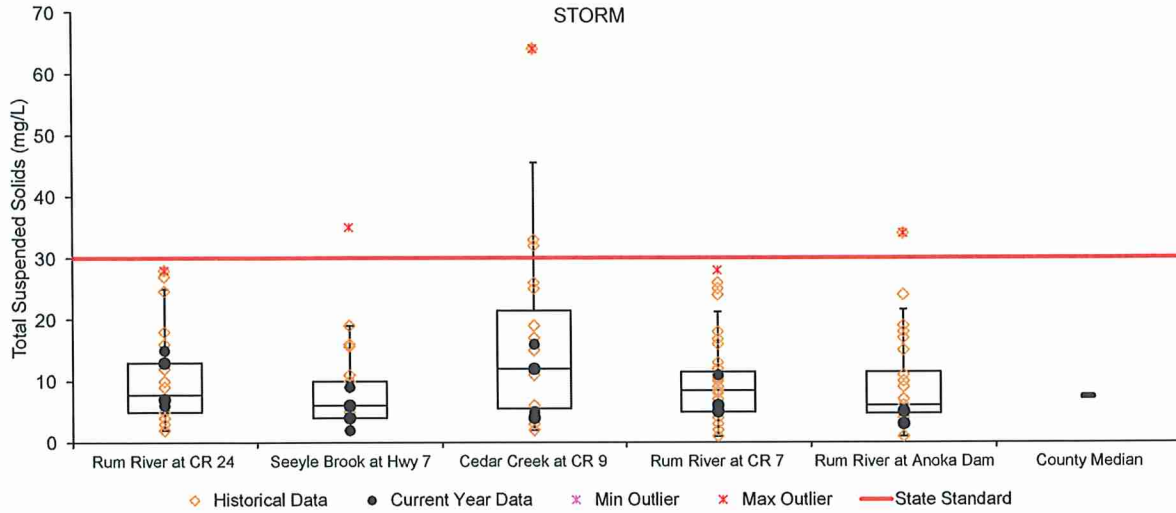
TSS results were similar to those for turbidity. In 2022, average TSS results (all conditions) upstream to downstream were 9.9, 7.1, and 5.6 mg/L. These results were generally lower than the Anoka County stream median for TSS of 7.4 mg/L and also better than the state standard of 30 mg/L. The highest TSS level recorded in 2022 was 24 mg/L. ACD has not collected a sample over 30 mg/L since 2010.

Turbidity and TSS were low in Cedar Creek in 2022 and in most other years. Turbidity in 2022 averaged 3.96 NTU during baseflow and 4.27 NTU post-storm. 2022 TSS levels were also low, averaging 10.75 mg/L during baseflow and 9.25 mg/L post-storm. Median TSS in Cedar Creek (all years) has been 13.5 mg/L during baseflow and 12.0 mg/L following storm events, higher than the median for all Anoka County streams (7.4 mg/L) but below the state standard (30 mg/L). Reasons for low suspended material likely include the relative lack of manmade stormwater outfalls and the fact that the creek slowly meanders through broad floodplain wetlands.

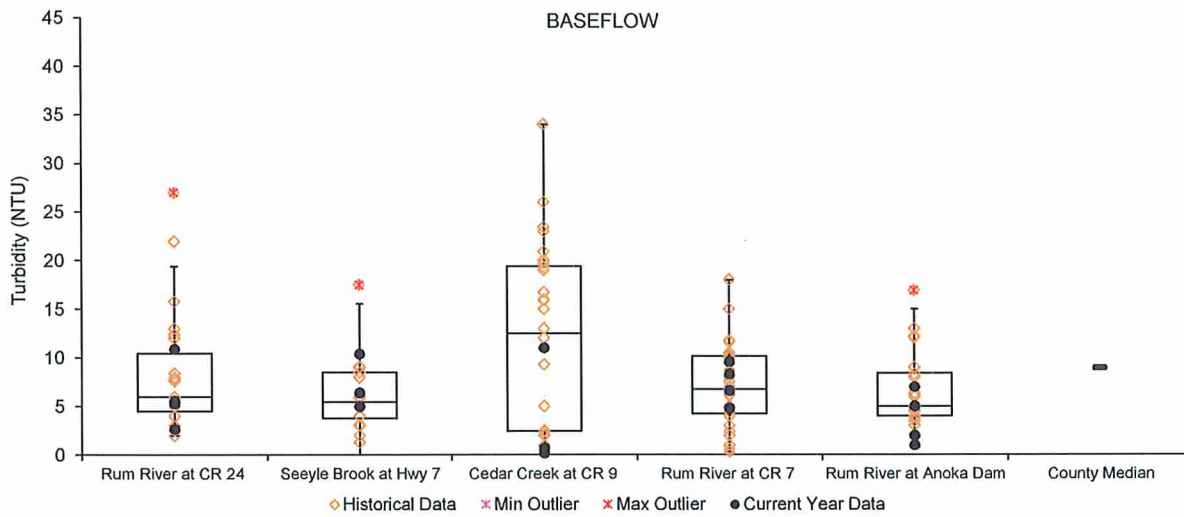
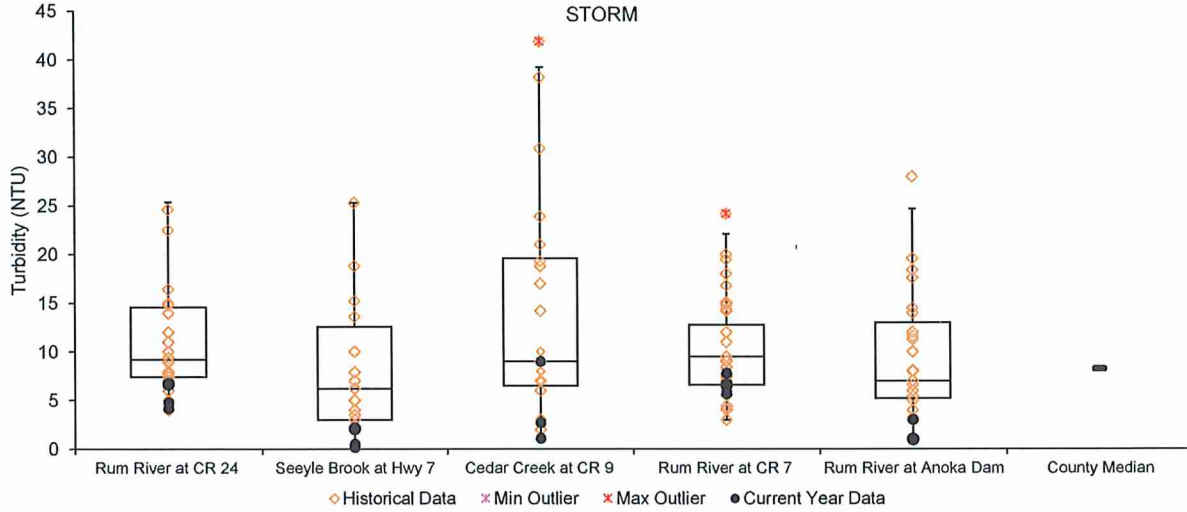
Turbidity and TSS have also been low in Seelye Brook. In 2022 turbidity in Seelye Brook averaged 4.1 NTU across all conditions. The median turbidity (all years) has been 5.45 NTU during baseflow and 6.2 NTU post-storm, much lower compared to other local streams. TSS in Seelye Brook was also observed at healthy levels with medians for all years being 5.00 mg/L during baseflow and 6.00 mg/L post-storm, well below the state standard of 30 mg/L.

While the Rum River and these tributaries remain well under the impairment threshold for TSS, rigorous stormwater treatment in new developments should be a priority in the coming years. There are also opportunities to better treat current runoff from developed and agricultural landscapes. The Anoka Conservation District and partners currently have a well-funded riverbank stabilizations program because it offers multiple benefits to water quality, habitat, and protecting property. Surveillance monitoring of turbidity and TSS in the Rum River watershed should continue. These are critical parameters to monitor in their own right, but also because many other pollutants can be associated with suspended solids.

Total Suspended Solids during Baseflow and Storm Conditions. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



Turbidity during Baseflow and Storm Conditions. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



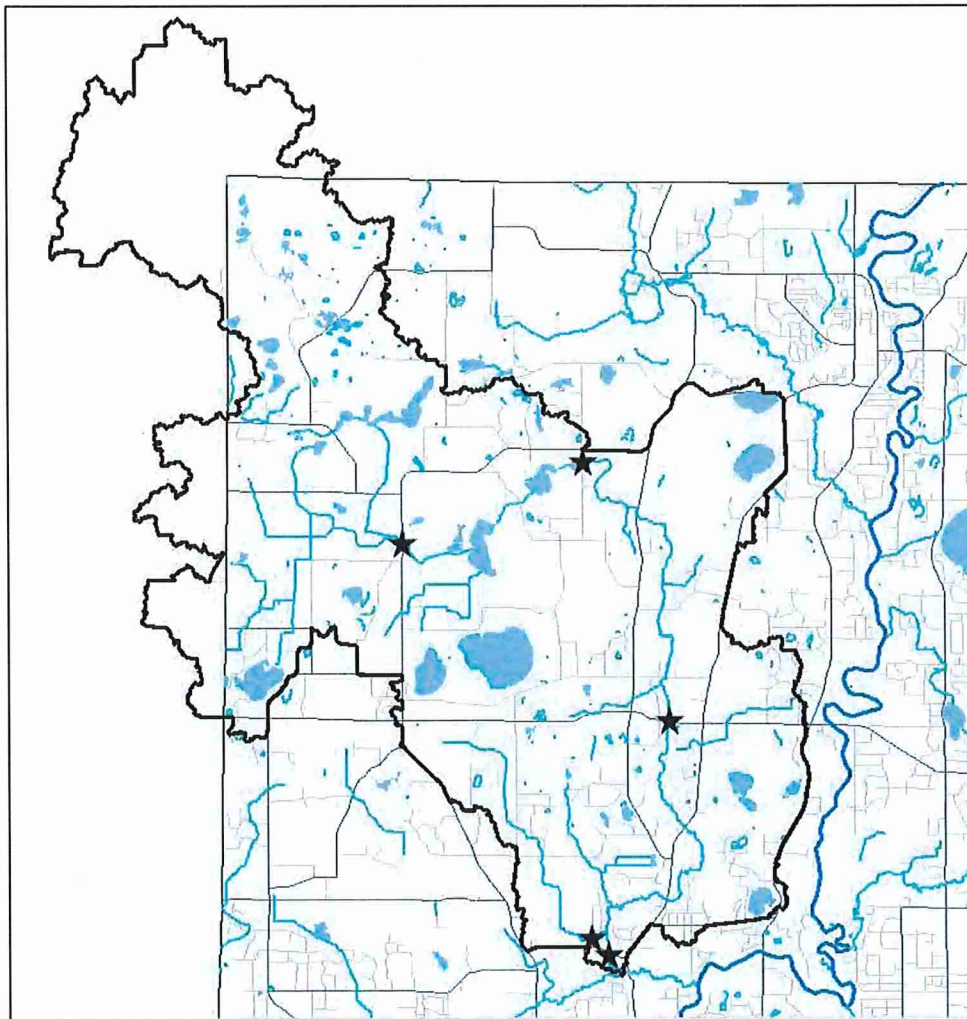
Ford Brook Water Quality Monitoring

Partners: URRWMO and ACD

Locations: Ford Brook at Nowthen Blvd, Ford Brook at Xeon St, Ford Brook at Viking Blvd, Tributary at Vanadium St, Ford Brook at C.R. 63 (sites listed upstream to downstream)

Description: Water quality monitoring was conducted eight-times between May – September, four times following storm events and four times during baseflow conditions. The monitoring parameters includes total phosphorus, total suspended solids, dissolved oxygen, turbidity, temperature, specific conductance, pH, and salinity. Please reference the Rum River Stream Water Quality section found earlier in the chapter for more information about the methods used.

2022 Ford Brook Monitoring Sites



Background

Ford Brook originates at Goose Lake in northwestern Anoka County and flows south. Ford Brook is a tributary to the Rum River, joining Trott Brook Creek just prior to merging with the Rum River. The Ford Brook watershed encompasses over 24,000 acres throughout northwestern Anoka County, and portions of Sherburne and Isanti Counties. Land use in this region is characterized by agricultural operations and rural residential development. Ford Brook was identified as a priority waterbody in the Rum River One Watershed One Plan (1W1P) due to its nutrient load contributions to the Rum River.

In 2022, the Anoka Conservation District (ACD) completed a subwatershed analysis (SWA) study for the purpose of identifying and ranking water quality improvement projects throughout the Ford Brook watershed. Total phosphorus was the target pollutant for this analysis, with a total reduction goal of 5% at the Ford Brook outlet.

The Ford Brook SWA included water quality monitoring at several sites throughout the Ford Brook system as well as two small tributaries. Of these sites, Ford Brook at County Road 63 has been monitored periodically since 1998 and other sites have not been previously monitored. Since 2022 was the first year water quality data was collected at many of the sites, additional monitoring should be completed in order to determine any trends.

Weather conditions affected 2022 monitoring. After spring rains, drought developed during the remainder of the growing season. Low water levels were common, and the streambed at several of the monitoring sites ran dry at various times. As a result, some sites were sampled less than planned.

Results Summary

This report includes data from 2022 and an overview of historical data. For more general information on individual water quality parameters please reference the Rum River Stream Water Quality section found earlier in the chapter.

- Dissolved constituents at new monitoring sites were observed at high levels compared to other regional streams. At the Ford Brook at C.R. 63 site, dissolved constituents were higher than other previously monitored years and above average when compared to similar Anoka County streams.
- pH was generally within the acceptable range for all readings in 2022, only slightly exceeding 8.5 on two occasions.
- Dissolved oxygen averaged within the healthy range but did fall below the state standard (5 mg/L) on several occasions.
- Total phosphorus in Ford Brook was in excess of the state standard (100 µg/L) by more than 40%, during baseflow conditions and >80% during storm conditions. Phosphorus reduction efforts should be applied throughout the watershed, including stormwater treatment at new developments and the implementation of agricultural BMP's on cultivated fields. Focus areas should be downstream of Goose and Pinnaker Lakes. These efforts could help keep Ford Brook and the Rum River off the state list of impaired waters.
- Suspended solids and turbidity levels both averaged low. Total suspended solids was below the state standard of 30 mg/L. There is no current management concern.
- Overall – The primary water quality goal at Ford Brook is total phosphorus, both for Ford Brook itself as well as the Rum River downstream.

Below the data is presented and discussed for each parameter in greater detail. Specific management recommendations for each parameter is included in individual sections.

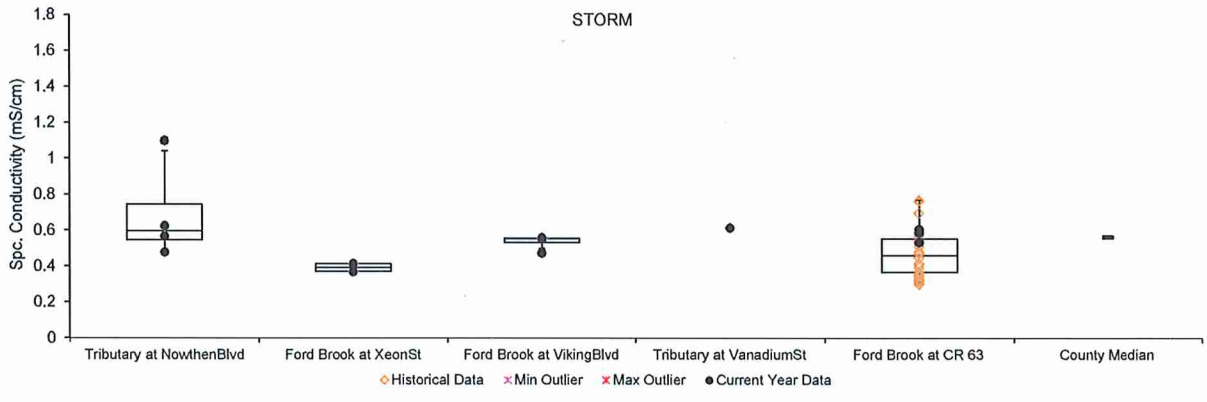
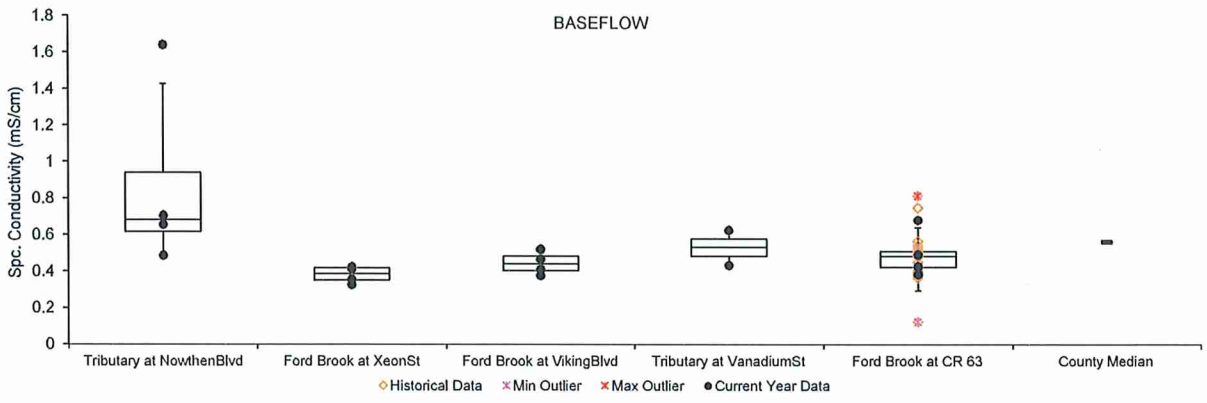
Specific Conductivity

Median specific conductivity in Ford Brook was similar to other streams in the vicinity. Specific conductivity was the highest at the most upstream monitoring site, then declined and was observed at similar levels at the rest of the sites. Most individual sites averaged below the median for Anoka County streams (0.561 mS/cm). The overall median in 2022 for all sites was 0.451 mS/cm during baseflow and 0.551 mS/cm after storm events.

Comparing baseflow and storm flow specific conductivity can lend some insight into potential pollutant sources. In past monitoring years at Ford Brook, conductivity has usually been lower during storm flow conditions, but this was not observed in 2022. Lower conductivity following a storm event suggests that stormwater runoff contains fewer dissolved pollutants than the surficial water table that feeds the stream during baseflow. The surficial water table can contain dissolved materials of both natural origin (such as those from geologic materials) or pollutants (road deicing salt is one locally common example). It appears that both stormwater and the surficial groundwater contribute mild or moderate amounts of dissolved materials to Ford Brook.

For water resource management, it is important to note that the sources of dissolved pollutants are generally the same for both stormwater and during baseflow, it is only the timing of delivery to the waterway that is different. Preventing the release of dissolved pollutants into the environment and treating them before infiltration occurs should be a high priority. Training and equipment that minimize road salting while still maintaining safe roads safe is being increasingly emphasized by watershed managers. The MPCA now provides a smart-salting training and certifications. High specific conductivity is not problematic today, but could become an issue in the future. Periodic chloride sampling is recommended to verify if observed specific conductivity increases are due to salts.

Specific Conductivity at Ford Brook. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



Total Phosphorus

In 2022, average phosphorus concentrations at all of the Ford Brook monitoring sites regularly exceeded the state standard for impairment (100 µg/L) during both baseflow conditions and after storm events. In 2022, average phosphorus concentrations in Ford Brook, for all sites, was 142.0 µg/L (baseflow) and 185.0 µg/L (post-storm). Individual results exceeded 200 µg/L on five other occasions through the 2022 season. In 2022, approximately 85% of samples collected, during baseflow and post-storm, exceeded the state standard (100.0 µg/L) and were above the median for Anoka County streams (91 µg/L).

It is not new to understand that Ford Brook has elevated phosphorus, but it is new to understand the extent of that phosphorus in the stream system. Previous monitoring, only at County Road 63, commonly found elevated phosphorus (50 of 59 measurements >100 µg/L, averaging 157.8 µg/L, for all years and all conditions). In 2022 we found high phosphorus at all sites except one. High phosphorus appears to be from dispersed non-point sources across the drainage area.

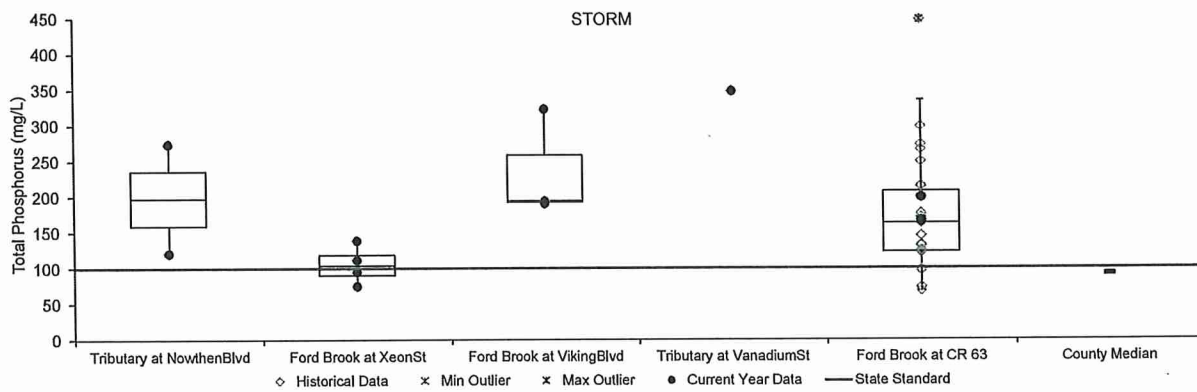
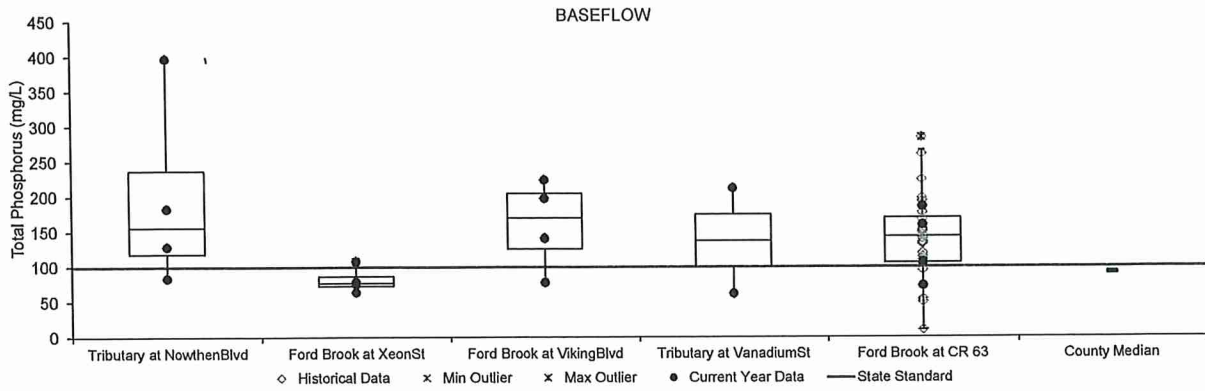
Goose and Pinnaker Lakes appear to be responsible for lower phosphorus at Xenon Street. Phosphorus is high just upstream of the lakes (at Nowthen Blvd) and lower just downstream (at Xenon St). It is suspected that the lakes are capturing particulate material by settling (also observed in the particulate solids data) and consumption of dissolved phosphorus.

A substantial fraction of the phosphorus is likely dissolved. Total suspended solids measurements are not elevated at most sites. Higher phosphorus downstream of Xenon St does not coincide with notably higher suspended solids or turbidity.

The Ford Brook watershed has a significant amount of agricultural lands, and achieving phosphorus reduction goals will likely require additional agricultural best management practices (BMP's). Projects are being identified and ranked by cost effectiveness in a Ford Brook Subwatershed Assessment study that will be completed in early 2023. It includes projects that are not agricultural, such as wetland restorations that can help address other phosphorus sources. Targeting practices downstream of Pinnaker Lake is recommended because it appears that much of the phosphorus generated upstream of the lake is captured within the lake. The top priority for water quality work is the downstream receiving water: the Rum River.

Robust stormwater treatment in any new residential development is also important. The watershed is developing. Municipalities are responsible for stormwater treatment standards, provided they achieve the minimum required by watershed management organizations.

Total Phosphorus at Ford Brook. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



Total Suspended Solids (TSS) and Turbidity

In Ford Brook, both TSS and turbidity were generally low level, similar to other streams in the region, and remained below state water quality standards. Suspended solids in the waterway can come from both internal and external sources. External sources can include a variety of particles in stormwater runoff. Internally, bank erosion and movement of the bottom substrate contribute to suspended sediments. A moderate amount of this type of internal loading is natural.

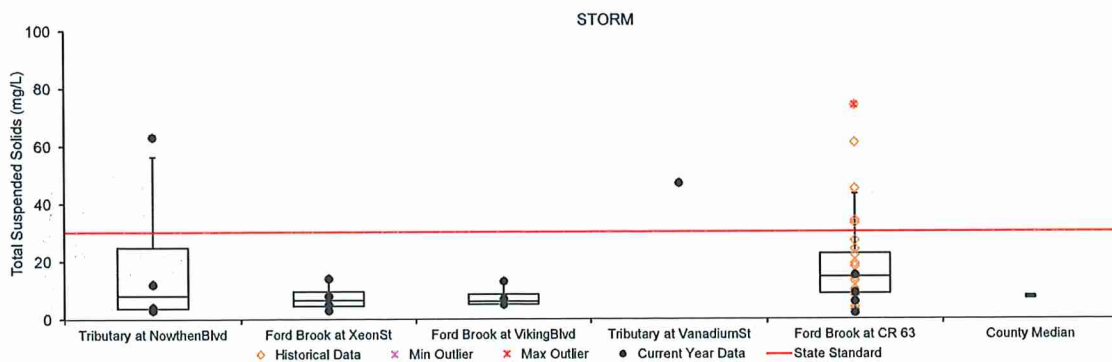
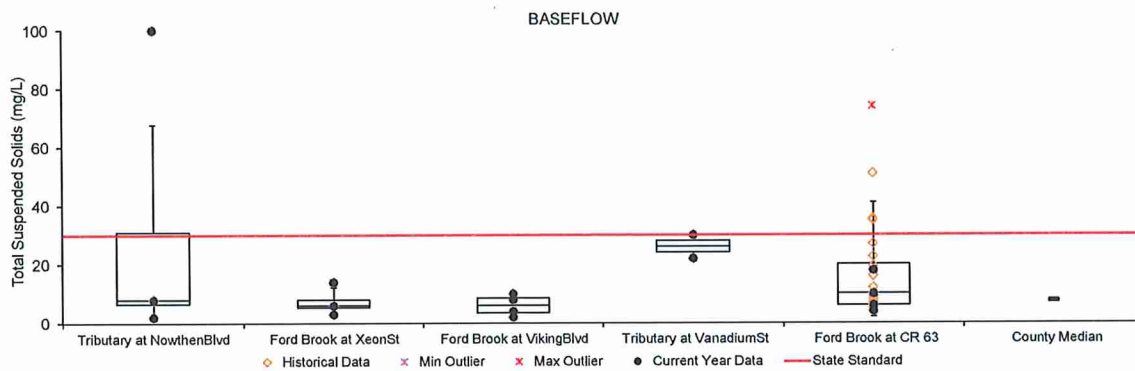
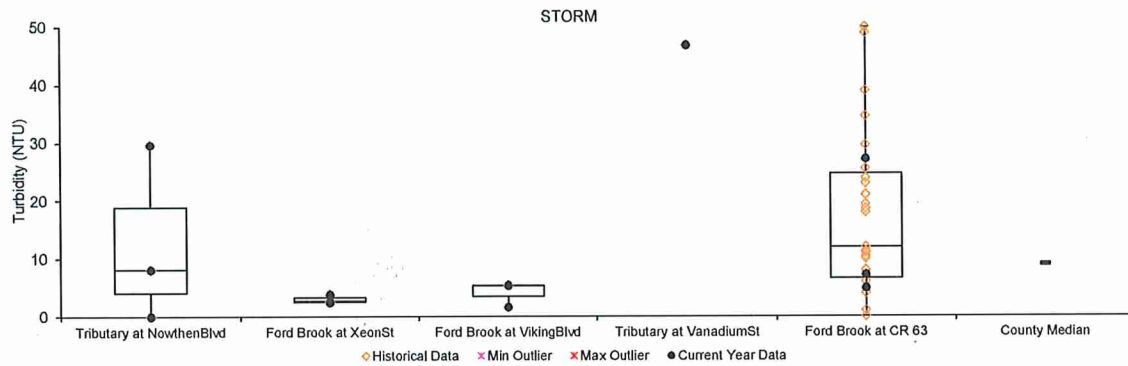
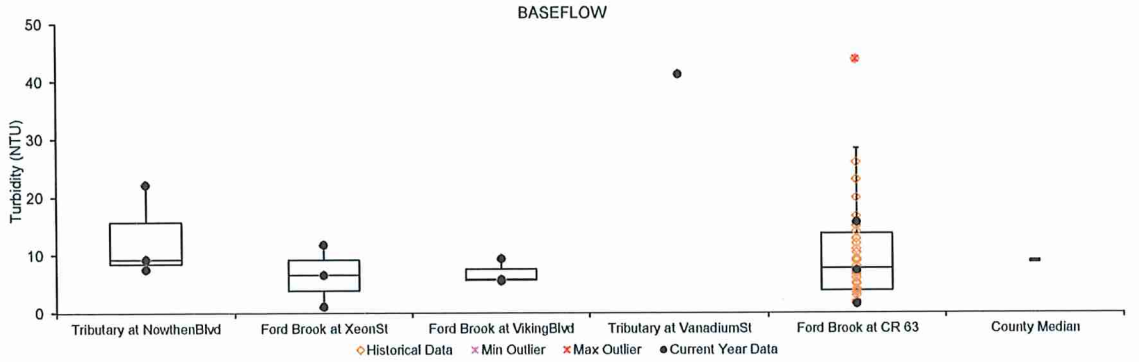
Average turbidity for all sites in 2022 was 11.16 NTU post-storm and 11.18 NTU during base flow. Both are similar to the historical median for Anoka County streams (8.9 NTU). Turbidity was elevated on a few occasions, especially following storm events. In 2022, seasonal water levels in the Ford Brook system were low most of the year, and several of the monitoring sites were unable to be sampled at the same frequency as others.

TSS results were also low in 2022, averaging 12.84 mg/L during baseflow and 19.35 mg/L post-storm, for all monitoring sites. These results were higher than the Anoka County median for TSS (7.4 mg/L) but remained below the state standard (30 mg/L). Historically, at the Ford Brook at C.R. 63 site, only 8 out of the 60 sampling events, exceeded the state standard and TSS at the downstream site averaged 15.90 mg/L, across all years and all conditions.

Goose and Pinnaker Lakes appear to reduce suspended solids in Ford Brook and those benefits are sustained for miles below the lakes. Generally, TSS and turbidity were highest at the one site upstream of the lakes. They dropped markedly immediately downstream of the lakes. Farthest downstream the levels increased modestly and not with regularity.

Management recommendations are to focus on phosphorus as the primary pollutant of concern. Those efforts will have secondary benefits of further reducing suspended solids.

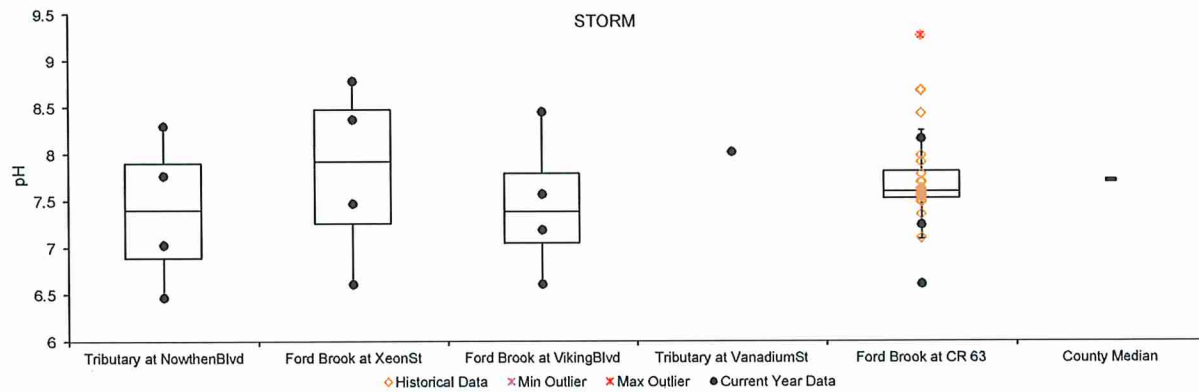
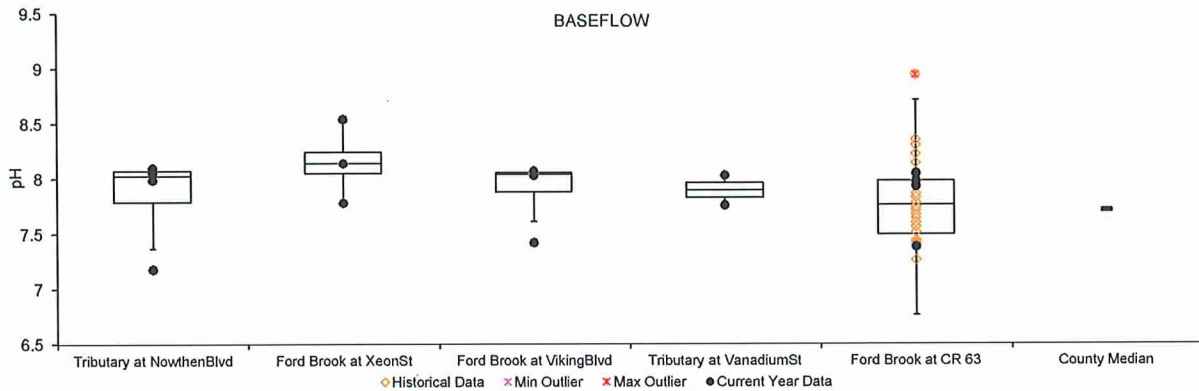
Turbidity and TSS at Ford Brook. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



pH

According to state standards pH in a healthy stream should fall between 6.5 and 8.5. In 2022, pH in Ford Brook was usually within the healthy range but did exceed 8.5 occasionally, as in other previous monitoring years. The rare occasions when pH does exceed the state standard should not be concerning unless it begins to occur more frequently.

pH at Ford Brook. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).

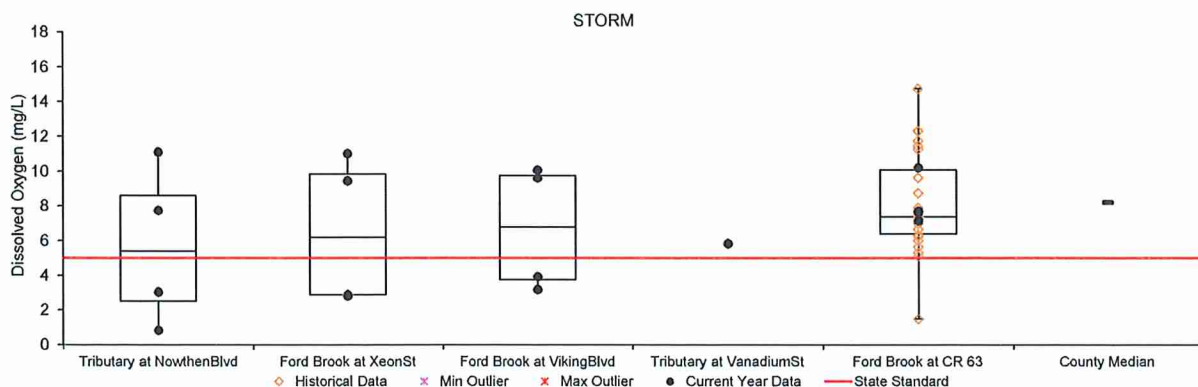
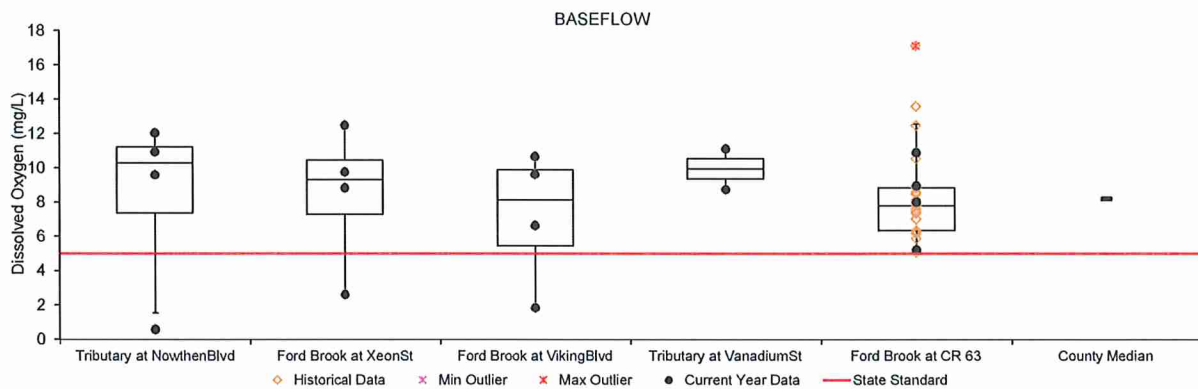


Dissolved Oxygen

In 2022, dissolved oxygen levels in the Ford Brook system were mostly at healthy levels but occasionally fell below the state standard (5 mg/L). The median in 2022, for all sites and all conditions, was 8.76 mg/L. This is slightly higher than the median for all Anoka County stream (8.2 mg/L) but well above the state standard. All readings less than 5 mg/L were recorded in the month of August which was a period of drought.

Due to below average rainfall, water levels throughout the Ford Brook watershed were increasingly low throughout the season and some stream sections even ceased to have flow. Faster flowing water contains more dissolved oxygen because it has more contact with the air, and will likely replenish depleted oxygen levels in the stream. More stagnant waters lack this mixing to replenish oxygen, but do have ongoing decomposition that can lower oxygen. Other factors, such as nutrient enrichment can also contribute to low oxygen. Because oxygen below 5 mg/L was not observed in previous years, we suspect it was driven by low flows and not a continuous water quality concern.

Dissolved Oxygen at Ford Brook. Orange diamonds are historical data from previous years and black circles are 2022 readings. Box plots show the median (middle line), 25th and 75th percentile (ends of box), and 10th and 90th percentiles (floating outer lines).



Wetland Hydrology

Partners: URRWMO, ACD

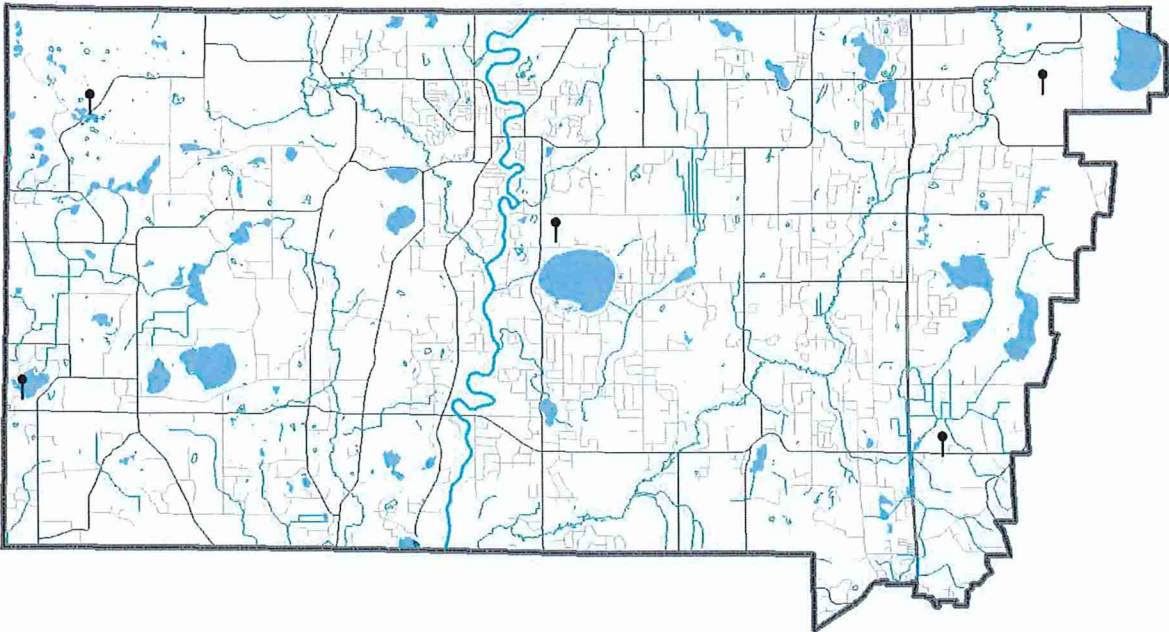
Description: Continuous groundwater level monitoring at a wetland boundary. Countywide, ACD maintains a network of 23 wetland hydrology monitoring stations.

Locations: Alliant Tech Wetland, East Twin Wetland, Lake George Wetland, Cedar Creek Wetland, Viking Meadows Wetland.

Purpose: To provide understanding of wetland hydrology, including the impacts of climate and land use change. These data aid in delineation of nearby wetlands by documenting hydrologic trends including the timing, frequency, and duration of saturation.

Results: See the following pages.

2022 URRWMO Wetland Hydrology Monitoring Site

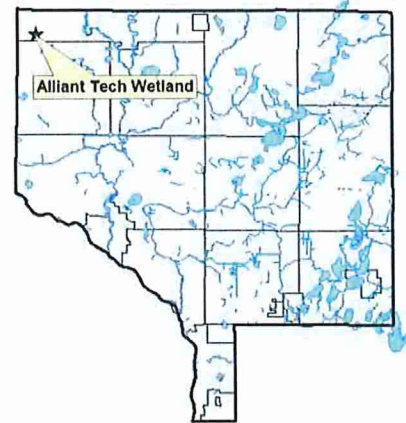


ALLIANT TECH REFERENCE WETLAND

Alliant Tech Systems Property, St. Francis

Site Information

Monitored Since: 2001
Wetland Type: 5
Wetland Size: ~12 acres
Isolated Basin: Yes
Connected to a Ditch: No
Surrounding Soils: Emmert



Soils at Well Location:

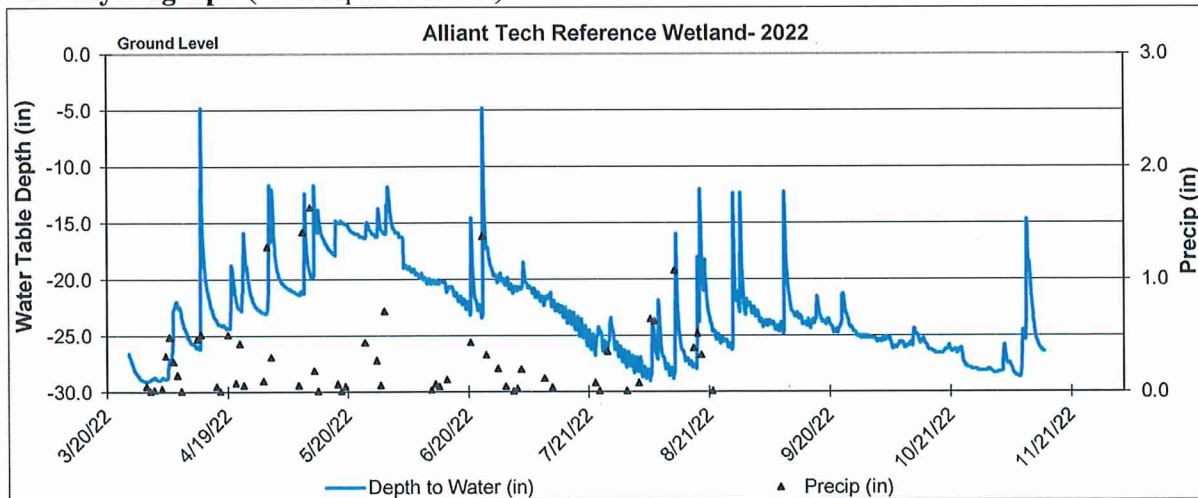
Horizon	Depth	Color	Texture	Redox
A	0-8	N2/0	Murky loam	-
Bg	8-35	5y5/1	Sandy Loam	-

Vegetation at Well Location:

Scientific	Common	% Coverage
Carex Spp	Sedge undiff.	90
Lycopus americanus	American Bumbleweed	20
Phalaris arundinacea	Reed Canary Grass	5

Other Notes: This wetland lies next to the highway in a low area surrounded by hilly terrain. The monitoring well is located on the wetland edge. The basin holds water throughout the year.

2022 Hydrograph (Well depth 40 inches)

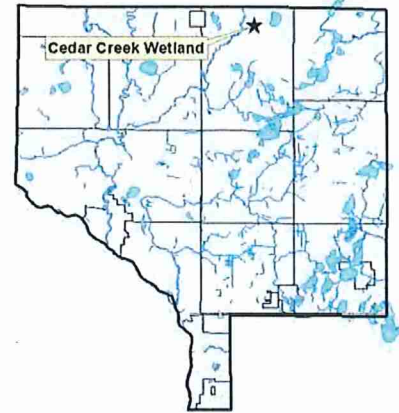


CEDAR CREEK REFERENCE WETLAND

Cedar Creek Ecosystem Science Reserve, East Bethel

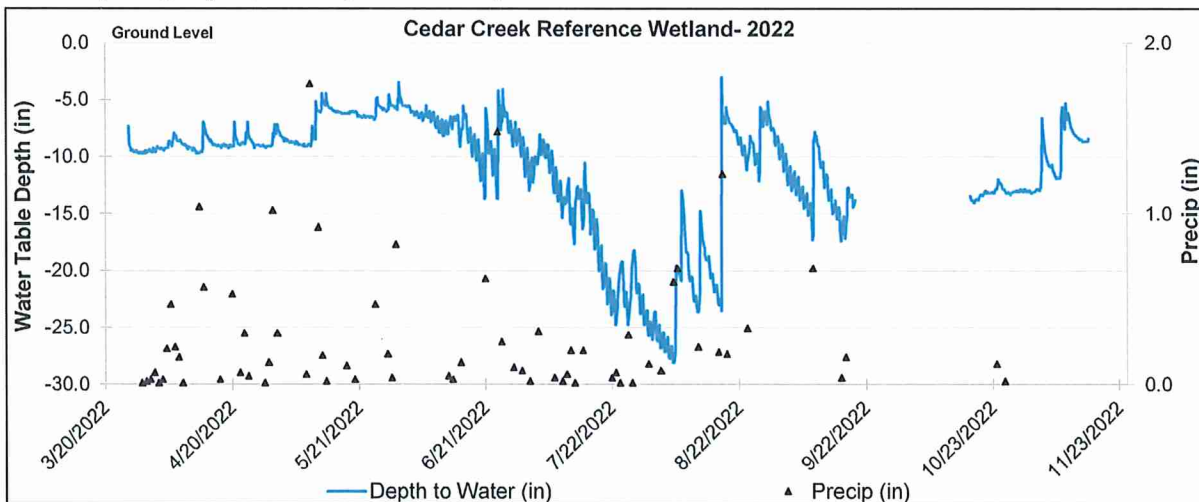
Site Information

Monitored Since: 1996
Wetland Type: 6
Wetland Size: >150 acres
Isolated Basin: No
Connected to a ditch: No
Surrounding Soils: Zimmerman
Soils at Well Location: Not yet available
Vegetation at Well Location: Not yet available



Other Notes: This wetland is located within a science research reserve, operated by the University of Minnesota. Much of this area, including the area surrounding the monitoring site, is in a natural state. This wetland probably has some hydrologic connection to the floodplain of Cedar Creek.

2022 Hydrograph (Well depth 40 inches)

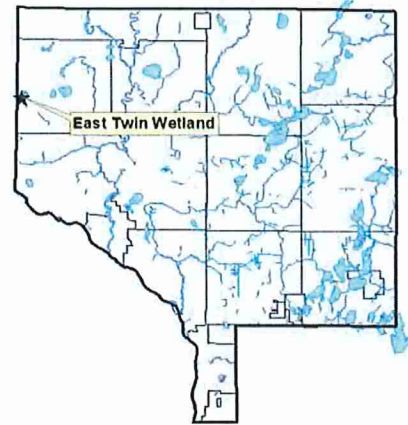


EAST TWIN REFERENCE WETLAND

Twin Lake City Park, Nowthen

Site Information

Monitored Since: 2001
Wetland Type: 5
Wetland Size: ~5.9 acres
Isolated Basin: Yes
Connected to a Ditch: No
Surrounding Soils: Lake Beach, Growton and Heyder fine sandy loam



Soils at Well Location:

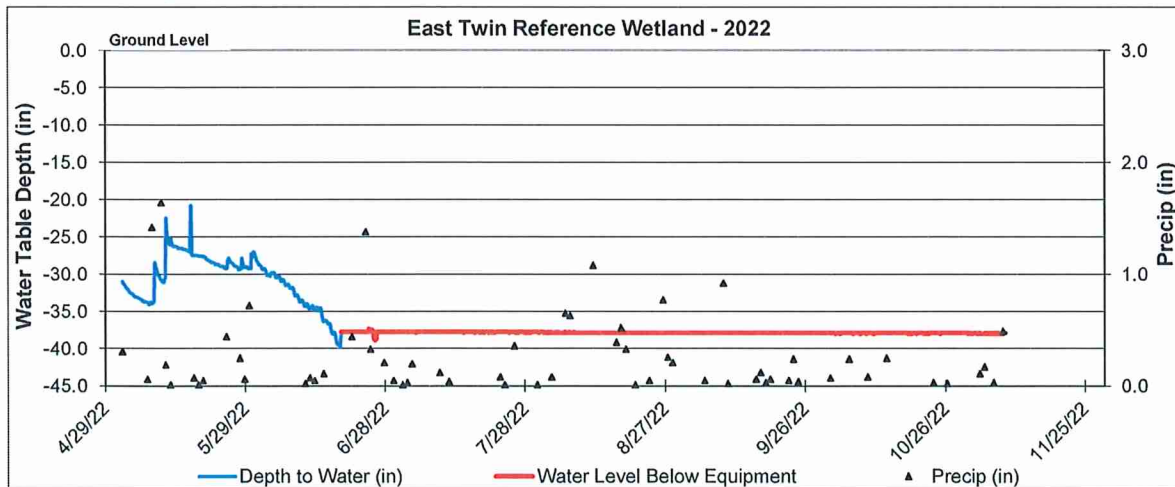
Horizon	Depth	Color	Texture	Redox
A	0-8	10yr 2/1	Mucky Loam	-
Oa	Aug-40	N2/0	Organic	-

Vegetation at Well Location:

Scientific	Common	% Coverage
<i>Phalaris arundinacea</i>	Reed Canary Grass	100
<i>Cornus amomum</i>	Silky Dogwood	30
<i>Fraxinus pennsylvanica</i>	Green Ash	30

Other Notes: This wetland is located near East Twin Lake in the community park and lake levels influence the hydrology of the wetland. Anoka County was in a state of drought throughout the year and the monitoring well was dry for most of the year.

2022 Hydrograph (Well depth 38 inches)

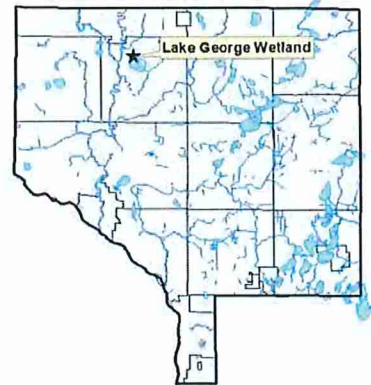


LAKE GEORGE REFERENCE WETLAND

Lake George County Park, Oak Grove

Site Information

Monitored Since: 1997
Wetland Type: 3/4
Wetland Size: ~9 acres
Isolated Basin: Yes
Connected to a Ditch: No
Surrounding Soils: Lino loamy fine sand and Zimmerman fine sand
Soils at Well Location:



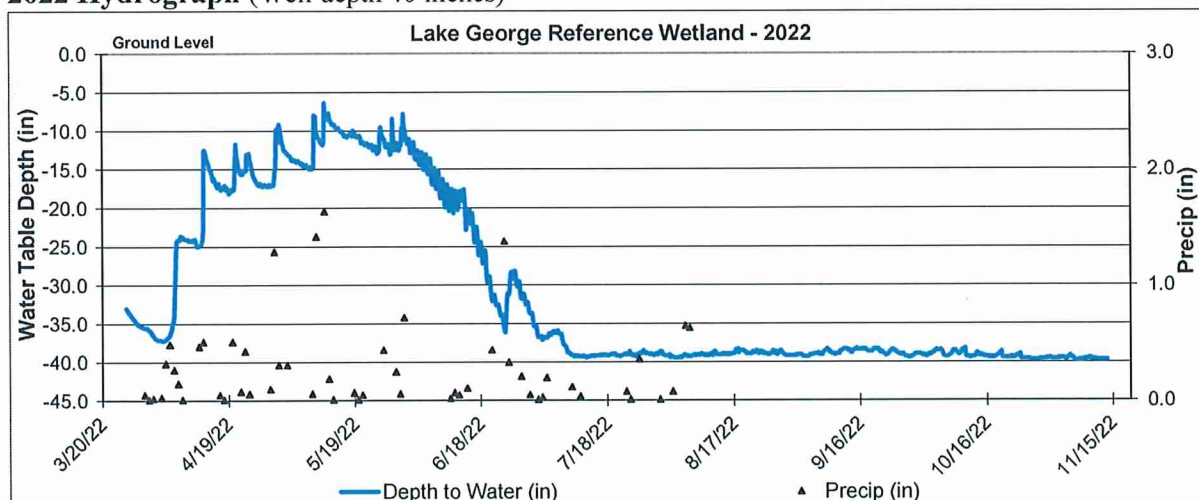
Horizon	Depth	Color	Texture	Redox
A	0-8	10yr2/1	Sandy Loam	-
Bg	8-24	2.5y5/2	Sandy Loam	20% 10yr5/6
2Bg	24-35	10gy 6/1	Silty Clay Loam	10% 10yr 5/6

Vegetation at Well Location:

Scientific	Common	% Coverage
Cornus stolonifera	Red-osier Dogwood	90
Populus tremuloides	Quaking Aspen	40
Quercus rubra	Red Oak	30
Onoclea sensibilis	Sensitive Fern	20
Phalaris arundinacea	Reed Canary Grass	10

Other Notes: This wetland is located near Lake George. Anoka County was dry or in a state of drought throughout most of the 2022 season.

2022 Hydrograph (Well depth 40 inches)

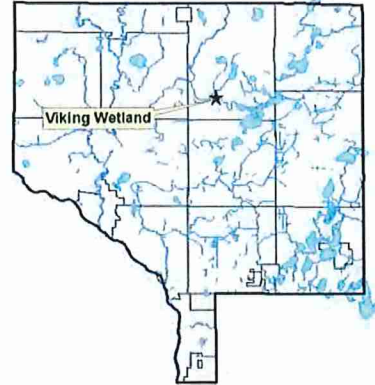


VIKING MEADOWS REFERENCE WETLAND

Viking Meadows Gold Course, East Bethel

Site Information

Monitored Since: 1999
Wetland Type: 2
Wetland Size: ~0.7 acres
Isolated Basin: No
Connected to a Ditch: Yes
Surrounding Soils: Zimmerman fine sand



Soils at Well Location:

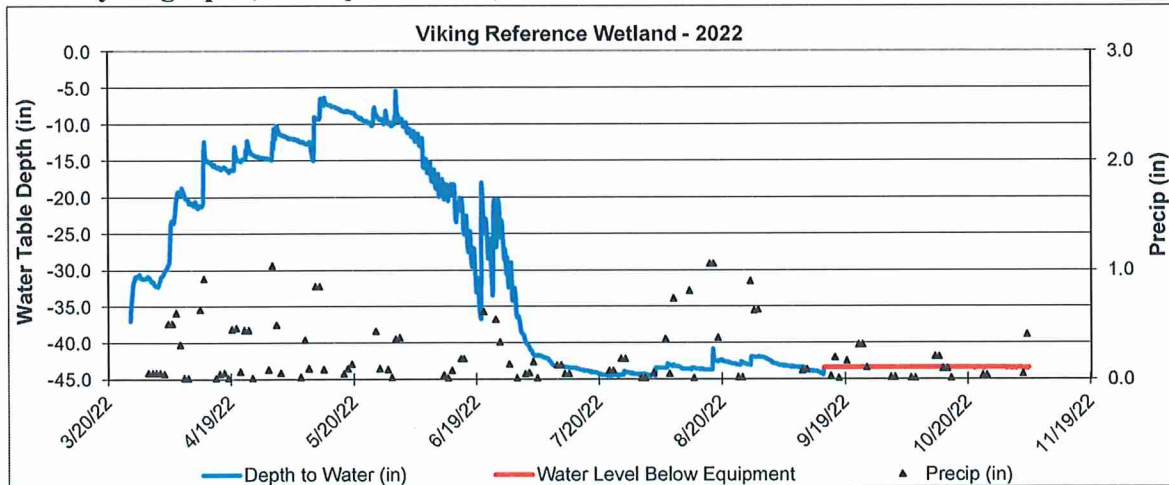
Horizon	Depth	Color	Texture	Redox
A	0-12	10yr2/1	Sandy Loam	-
Ab	12-16	N2/0	Sandy Loam	-
Bg1	16-25	10yr4/1	Sandy Loam	-
Bg2	25-40	10yr4/2	Sandy Loam	5% 10yr5/6

Vegetation at Well Locations:

Scientific	Common	% Coverage
Phalaris arundinacea	Reed Canary Grass	100
Acer rubrum (T)	Red Maple	75
Acer negundo (T)	Boxelder	20

Other Notes: This wetland is located at the entrance to Viking Meadows Golf Course, and is located on the wetland edge. The monitoring well was dry in the fall season due to abnormally dry conditions throughout Anoka County.

2022 Hydrograph (Well depth 44 inches)



URRWMO Annual Report to BWSR and State Auditor

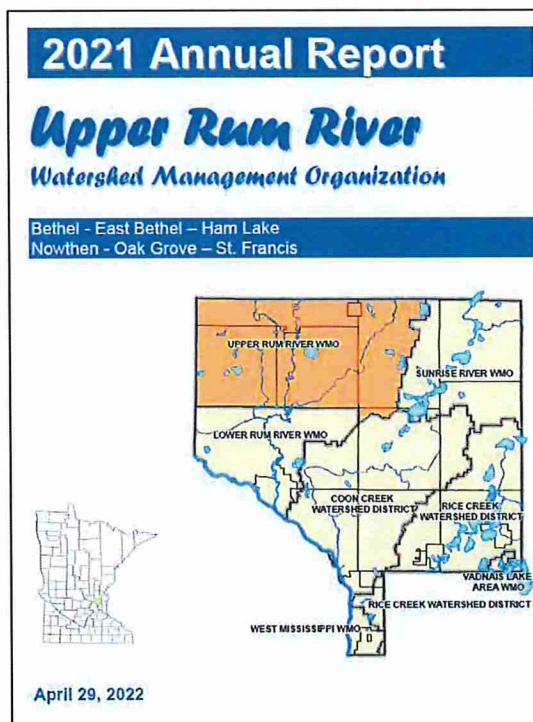
Partners: URRWMO, ACD

Description: The Upper Rum River Watershed Management Organization (URRWMO) is required by law to submit an annual report to the Minnesota Board of Water and Soil Resources (BWSR), which is state agency with oversight authority. This report consists of an updated list of all URRWMO Board members, work activities related to the URRWMO Watershed Management Plan, current status of municipal water plans, financial summaries, and other work results. The report is due annually, 120 days after the end of the URRWMO's fiscal year (April 30th). The URRWMO must also submit an annual financial report to the State Auditor. This includes submitting a financial report and filling out a multi-worksheet form.

Purpose: To document progress toward implementing the URRWMO Watershed Management Plan and to provide transparency of government operations.

Location: Watershed-wide

Results: ACD prepared the URRWMO annual report to BWSR and reporting to the State Auditor. They are available on the URRWMO website.



Administrative Services

Partners: URRWMO, ACD

Description: The Anoka Conservation District (ACD) serves as the URRWMO Watershed Coordinator. This includes providing a variety of administrative services. Tasks are limited to those defined in the contractual agreement.

Purpose: To ensure day-to-day operations of the URRWMO and attended to between regular meetings.

Results: Administrative assistance provided to the URRWMO by ACD included:

- Prepared meeting packets for and facilitated six URRWMO meetings.
- Developed annual budgets.
- Prepared URRWMO activity summary report for board members and cities.
- Requested & received biomonitoring funding for the American Legion.
- Represented URRWMO interested during Rum River One Watershed One Plan (1W1P) staff level meetings. Consulted URRWMO board in the Rum 1W1P implementation process.
- Advised cities regarding completion of a culvert inventory by the end of 2022.
- Worked with cities to bring ordinances into compliance with URRWMO standards.
- Presented housekeeping amendments to the URRWMO joint powers agreement.
- Fielded questions from developers, the county highway department, and others regarding URRWMO stormwater and wetland standards.
- Grant applications to complete URRWMO priorities. Funding secured in 2022 from the state Watershed Based Implementation Funding including:
 - Projects identified in subwatershed studies, which are anticipated to be used for stormwater retrofits in St. Francis. \$175,882
 - Septic system fix ups for low income homeowners.* \$62,000
 - Critical area plantings that benefit water quality.* \$65,275
 - Wetland restorations.* \$30,000
- *available in both the Upper and Lower Rum River WMOs.
- Facilitated the URRWMO technical advisory committee.
- Updated each city's percent contribution to URRWMO expenditures, using the newest available market valuations data.

Website

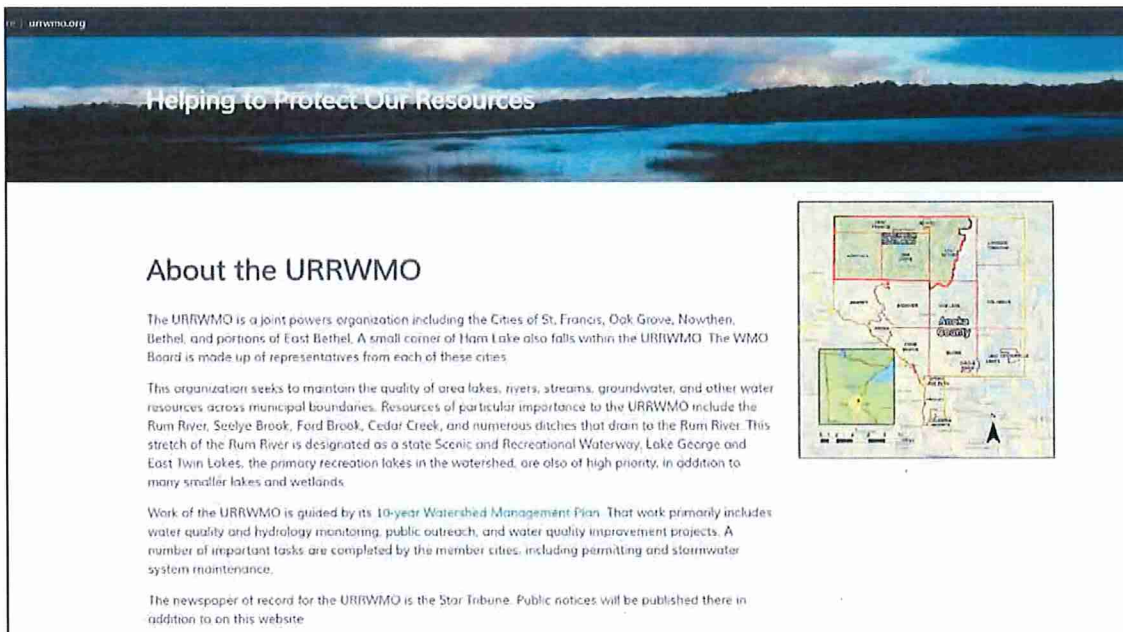
Partners: URRWMO, ACD

Description: The Upper Rum River Watershed Management Organization contracted the Anoka Conservation District to maintain the URRWMO website.

Purpose: To increase awareness of the URRWMO and its programs. The website also provides tools and information that helps users better understand water resource issues in the watershed.

Locations: www.URRWMO.org

Results: In 2022, ACD maintained the existing URRWMO website, paid the domain registration and hosting fees, and posted meeting minutes and agendas.



Outreach

Partners: ACD, URRWMO

Description: ACD prepared public education and outreach material based on the URRWMO Watershed Management Plan.

Purpose: To increase public awareness of the URRWMO and its programs, and receive input.

Location: Watershed-wide

Results: ACD completed specific contracted tasks and additional tasks from the Anoka County Water Resource Outreach Collaborative (AWROC) priorities that were consistent with the URRWMO plan. Completed work included:

- Facilitated a pontoon tour at Lake George for the URRWMO board, Lake George Conservation Club board, and Lake Improvement District board. (photo below)
- Presented updated water monitoring results & recent lakeshore projects at the Lake George Conservation Club meeting this past October.
- Smart salting training information promoted to city leaders.
- “Our River Connection” animated video.
- City newsletter content:
 - “Salt Smarter, Not Harder” infographic about water softener salt.
 - Article about the URRWMO.
 - Article about grant funds available for riverbank stabilization.

The Upper Rum River WMO manages lakes, streams and other water resources across the cities of St. Francis, Bethel, Nowthen, Oak Grove, and portions of East Bethel, and Ham Lake. Activities include:

- Monitoring water quality.
- Installing projects to improve water quality, including shoreline stabilization, stormwater practices, and others.
- Coordinating management of water that flows across municipal boundaries.

The URRWMO is a joint powers organization made up of six member cities. For more information or assistance, contact Jamie Schurbon at jamie.schurbon@anokaswcd.org or 763-434-2030 ext. 210. www.URRWMO.org

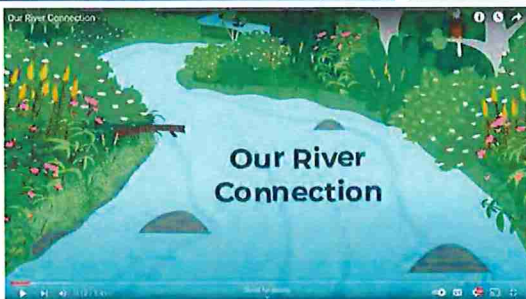
Rum Riverbank Stabilization Grants Available
3/22/2022 submitted for April Oak Grove newsletter

Grant funds are available to landowners for addressing shoreline erosion on the Rum River. If your shoreline is falling into the river, migrating back over time, or the bottom has washed out leaving an overhang, the funds can pay a substantial portion of design and construction of a solution. Funding available to address erosion occurs at all scales, with landowners typically paying 10-25% of the project cost. Shoreline restoration does more than just protect your property. It also protects the water because you live on and in it. Please view the video!

These interested can schedule a site visit with Anoka Conservation District (ACD) staff to discuss options and see if your shoreline might fit into one of our various grant programs for financial assistance. Because the design and construction leading tasks involve starting in spring is recommended. Contact Janet Pivovar at the ACD at 763-434-2030 4000 or janet.pivovar@anokaswcd.org.

Rum Riverbank stabilization projects are a partnership of the ACD, Anoka County, and Upper Rum River Watershed Management Organization (URRWMO). The URRWMO is a joint organization of the cities of Bethel, East Bethel, Ham Lake, Nowthen, Oak Grove, and St. Francis. Its purpose is to manage local water issues.

A recent shoreline stabilization project on the Rum River



Projects as Detailed in the URRWMO 10-Year Plan

Description: The URRWMO pledges match of approximately \$15,375 annually toward priority projects in its Watershed Management Plan. These funds are often match for grants. Priority projects include Rum River and Lake George shoreline stabilizations, a middle Ford Brook subwatershed assessment study, and stormwater retrofits ranked in subwatershed studies.

Purpose: To improve water quality in lakes, streams, and rivers.

Location: Watershed-Wide

Results: Completed and ongoing projects include:

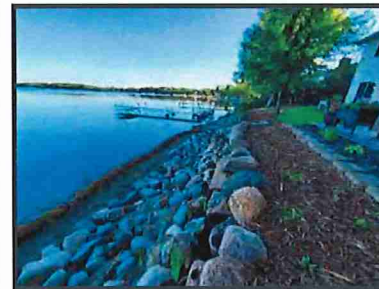
Lake George Shoreline Stabilizations

Funding: \$85,000 Rum metro WBIF grant, \$8,875 URRWMO grant match

Previously Accomplished: 7 lakeshores totaling almost 500 linear ft

New accomplishments: A contract for vegetation establishment help has been executed with MN Native Landscapes, the installer. They will visit each site twice in 2023 to do weeding and other vegetation management, with time set aside to “coach” the owners on how to do it. This will help ensure the projects are beautiful!

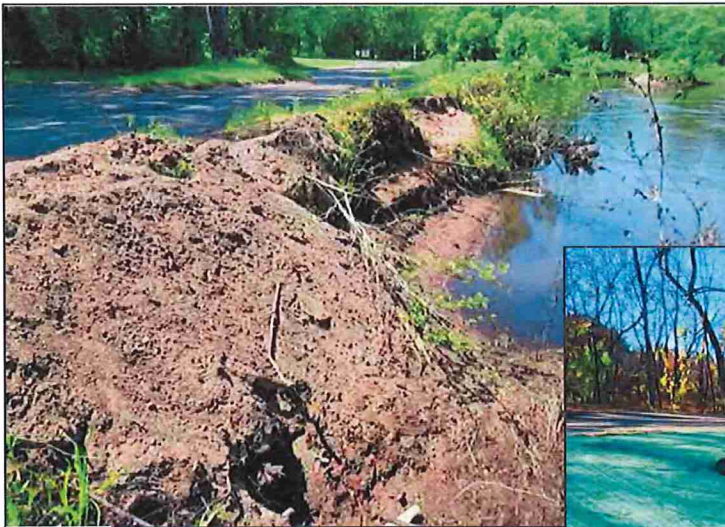
Upcoming: Vegetation establishment



Rum Riverbank Stabilizations

- Funding:** \$816K OHF grant phase 1 – Anoka Co Rum watershed
\$1.6M OHF grant phase 2 – whole Rum watershed, includes river corridor projects not just shoreline
\$440K Clean Water Fund grant
\$200K Conservation Partners Legacy grant phase 1 cedar tree revetments
\$100K Conservation Partners Legacy grant phase 2 cedar tree revetments
\$400K Anoka Co grant match
\$15K URRWMO grant match
- Previously Accomplished:** Miller site in Oak Grove (visible S from Viking Blvd bridge)
- New accomplishments:** Rum River Central Park boat landing area
5,100 lf cedar tree revetments in Anoka Co (1,300 lf in 2022)
Designs and agreements for 2022 construction
Secured OHF and Conservation Partners Legacy phase 2 grants
- Upcoming:** Dellwood Community Park in St. Francis
Martz/Hanson property in Oak Grove – needs a larger funding solution
Cedar Creek Conservation Area
2023 cedar tree revetments

Rum Central Park boat landing area project



Before



After

Example cedar tree revetment project



St. Francis Stormwater Retrofits

- Funding:** \$175,882 Rum metro WBIF grant
\$8,400 URRWMO grant match
- Previously Accomplished:** Candidate project identification
- New accomplishments:** Three projects have been explored:
1. **St. Francis High School north stormwater pond expansion.** Surveyed and investigated feasibility. Found current pond is adequate. Project dropped.
 2. **St. Francis High School roadside swale check dams.** Along Rum River Blvd. Receives water from much of the school building and parking lot. Surveyed and design underway.
 3. **225th Lane and 226th Ave rain gardens.** This is the only neighborhood in the “urbanized” part of St. Francis which discharges to the Rum River with no stormwater treatment. Candidate rain garden sites have been identified.
- Upcoming:** St. Francis High School roadside swale check dams – Design
225th Lane and 226th Ave rain gardens – landowner outreach

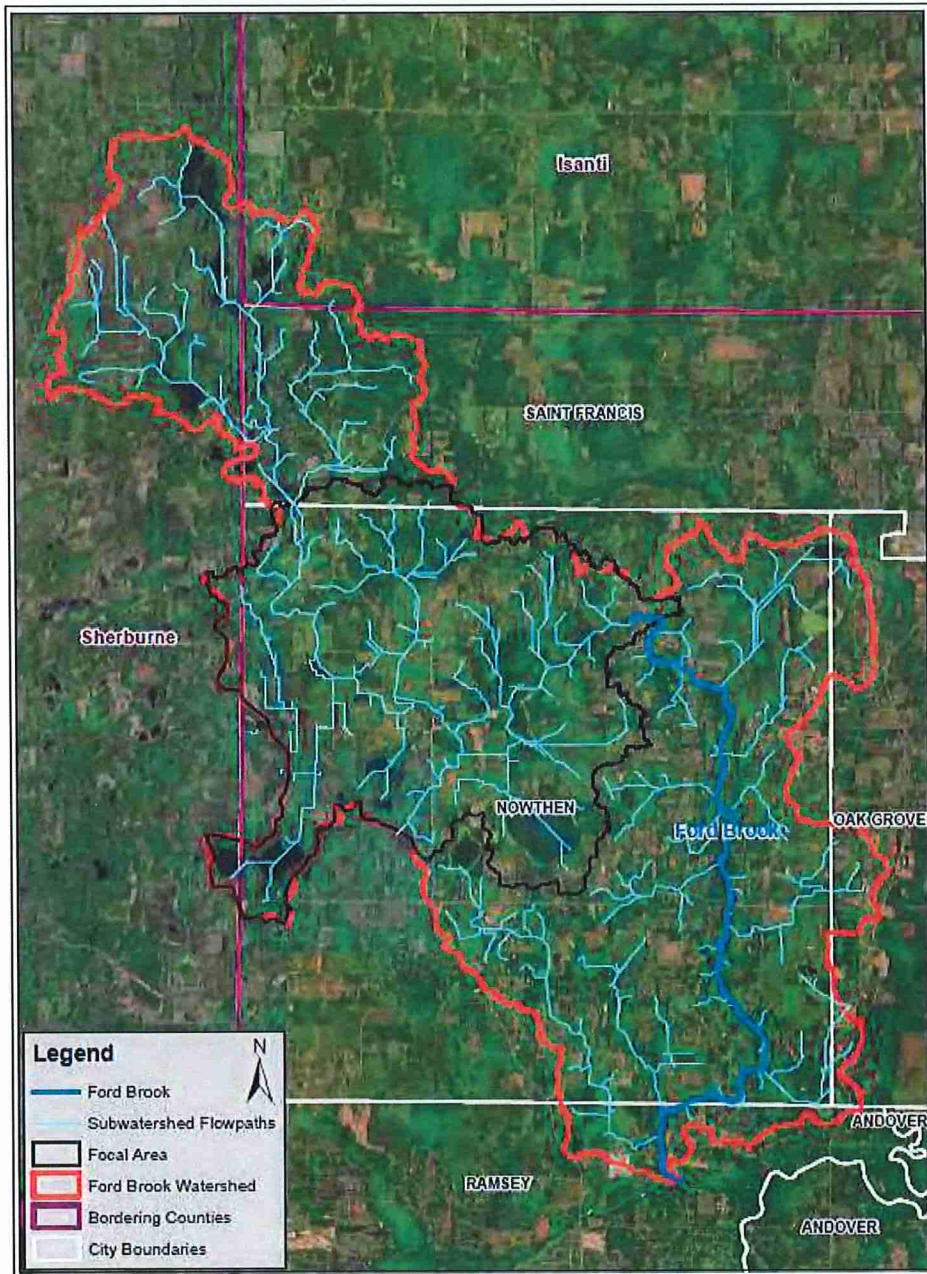
225th Lane and 226th Ave rain gardens area



Middle Ford Brook Subwatershed Assessment Study

ACD has completed a study to identify and rank water quality improvement projects to benefit Ford Brook and the Rum River downstream. Study components include water monitoring to identify priority areas, modeling, project identification, cost benefit analysis for each project, and project ranking. The study is paid for by a State Watershed Based Implementation Fund grant and URRWMO matching funds. Completion is expected in early 2023.

Ford Brook study area map





REQUEST FOR COUNCIL ACTION

Agenda Item: 3E	Department: Administration	Requested Council Meeting Date: April 11, 2023	Submitted By: Scott Lehner, City Administrator
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TITLE OF ISSUE: APPROVAL OF RESOLUTION 2023-XX TO CHANGE ADRIENNE CHRISTENSEN'S RESIGNATION DATE TO APRIL 7, 2023.

BACKGROUND AND SUPPLEMENTAL INFORMATION:

Our current Administrative Assistant Adrienne Christensen has resigned her position as of April 11, 2023.

Due to urgent family matters, Adrienne will not be able to fulfill the resignation date noted above.

The city administration is requesting that we change Adrienne's resignation date to April 7, 2023 to accommodate her need to be with family at this time.

Adrienne has agreed to return to the City Office after these family matters are resolved to assist with training the new Administrative Assistant.

SOURCE OF FUNDING: 100-41420-101

REQUESTED COUNCIL ACTION: Approval of Resolution 2023-XX to change Adrienne Christensen's resignation date to April 7, 2023.

SUPPORTING DOCUMENTS ATTACHED:

Resolution	Ordinance	Contract	Minutes	OTHER
X				

Nowthen City Office
8188 199th Ave. NW
Nowthen MN, 55330
(763)-441-1347



Council Meeting Location:
Historic Townhall
19800 Nowthen Blvd NW
Nowthen MN, 55330

RESOLUTION No. 2023-XX

A RESOLUTION TO APPROVE CHANGING ADRIENNE CHRISTENSEN'S RESIGNATION DATE TO APRIL 7, 2023.

WHEREAS, our current Administrative Assistant Adrienne Christensen has resigned her full-time Administrative Assistant position with a resignation date of April 11, 2023, and;

WHEREAS, due to urgent needs of her family, Adrienne will be unable to fulfill this resignation date, and;

WHEREAS, the city administration would like to accommodate her need by changing her resignation date to April 7, 2023, and;

WHEREAS, Adrienne has agreed to return to the city after these family matters are resolved to assist with the training of the new Administrative Assistant.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NOWTHEN as follows:

1. The recitals set forth above are incorporated herein.
2. The approval of Resolution 2023-XX to change Adrienne Christensen's resignation date to April 7, 2023.

The motion for the adoption of the foregoing resolution was proposed by Council Member _____ and was duly seconded by Council Member _____ and upon vote being taken thereon, the following voted in favor:

And the following voted against the same:

Passed and adopted by the Nowthen City Council this 11th day of April, 2023.

CITY OF NOWTHEN

By: JEFFREY M. PILON
Its Mayor

ATTEST _____
By: SCOTT LEHNER
Its City Administrator

April 04, 2023

Dear Mayor Pilon, City Council, City Administrator Lehner, and Finance Deputy Clerk Johnson,

I would like to take this moment to express my deepest gratitude to you. Unfortunately, I am unable to be there in person to share this with you so I have asked Administrator Lehner to read this letter on my behalf.

When I started this job, I had no idea what to expect. What I knew was that I came to serve you in whatever capacity you asked of me. I was overjoyed to be given the chance to be a part of something bigger than myself and honored to be trusted with the tasks before me. Your support and encouragement along the way helped me to have the courage to face and overcome the challenges I faced along the way. You called the best out in me and showed me what I am capable of.

Thank you for allowing me to serve your city!

Deepest Thanks,

A handwritten signature in blue ink that reads "Adrienne Christensen". The signature is written in a cursive, flowing style with a large initial 'A' and 'C'.

Adrienne Christensen

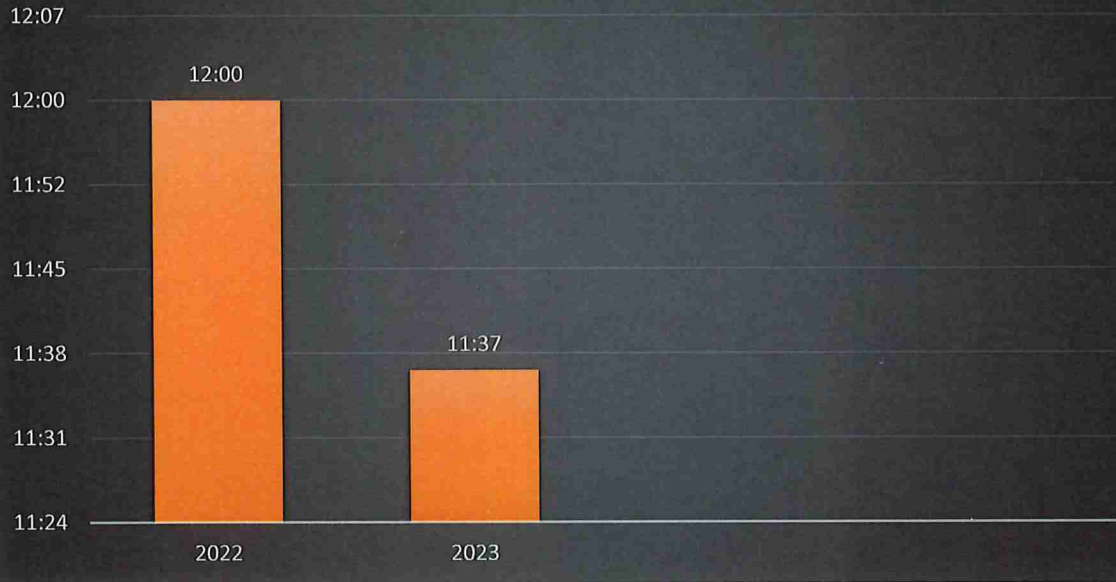
MONTHLY COMPARISON REPORT

2022-2023

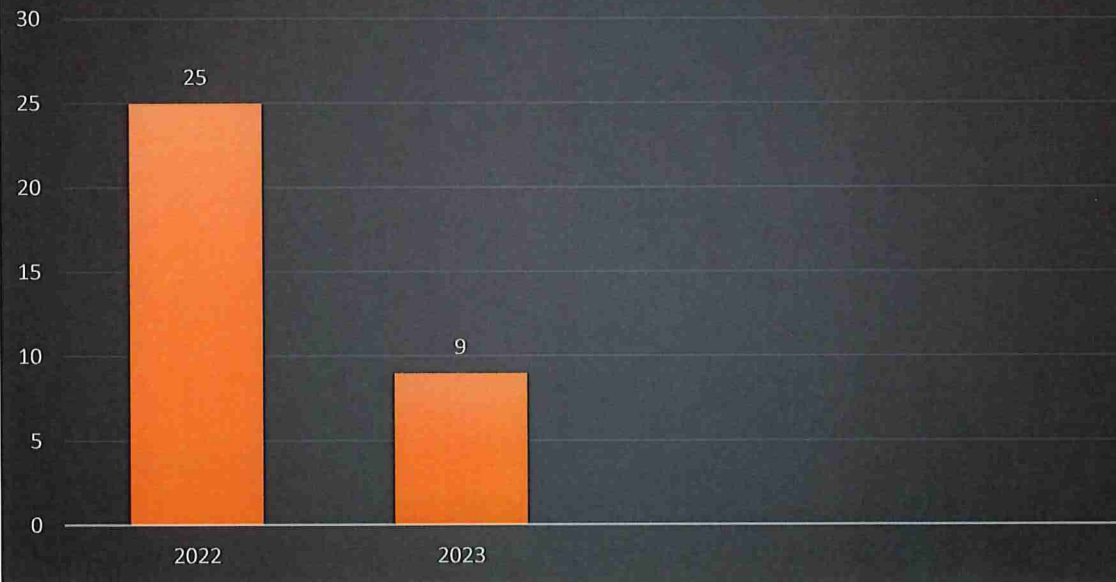
March



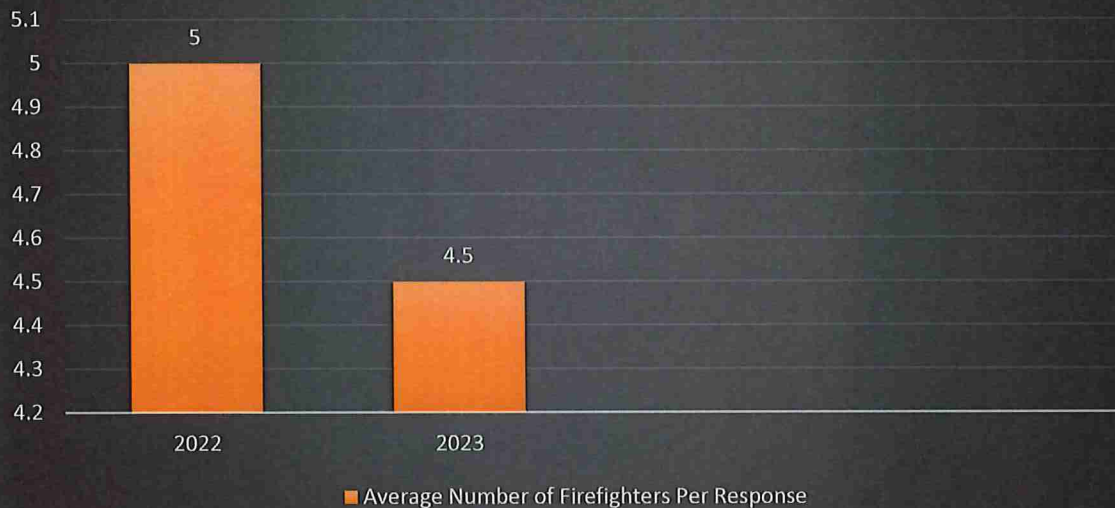
March Response Times 2022-2023



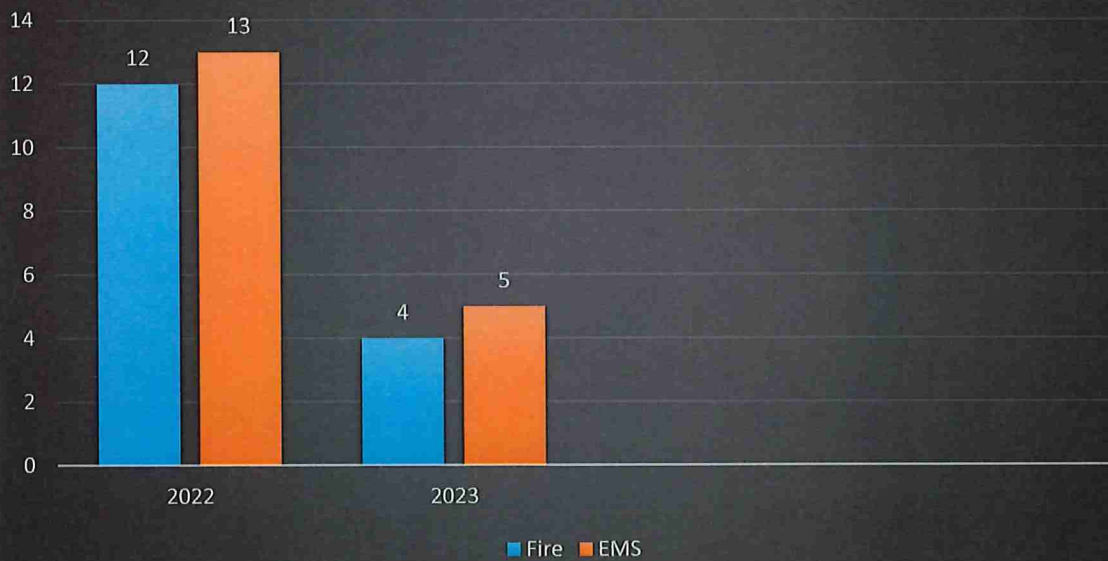
March Calls for Service 2022-2023



Average Number of Firefighters Per Response 2022-2023



Fire Runs vs. EMS Runs March 2022-2023



For the month of March 2023, the fire department responded to 9 incidents (5 less than the previous month) with an average response time of 11 minutes and 37 seconds (50 second increase from February). The average number of firefighters attending calls for service was 4.5. The fire department reports \$6,500 dollar loss from fires during the month of March.

On March 14th- The fire department was dispatched to a report of person unresponsive on 8500 block of 225th Ave NW. Firefighters assisted Allina Paramedics on scene and during transport to the hospital.

On March 14th- The fire department was dispatched to a report of vehicle fire on the 22800 block of Sugar Bush Rd. When crews arrived they found a Chevy Tahoe on fire in the driveway. Crews were able to quickly extinguish the fire and the reported dollar loss from this incident is \$6500.00. Also during this incident, a minor accident occurred involving a ACSO squad and the Nowthen Fire Department Duty Vehicle

On March 16th- The fire department was dispatched to a possible propane leak in a pole shed on the 7100 block of Old Viking Blvd. Crews found dangerously high levels of propane in the 40x80 pole shed. Crews were able to shut down the propane tank and ventilated the building.

The fire department is working grant opportunity through the DNR. Annually the DNR offers grants to fire departments with a 50% match from the city being required with a successful grant application.

Nowthen Council Meeting – April 11th, 2023

Opening

Mr. Mayor, members of the City Council, City Staff, and Citizens of Nowthen. The following is the Sheriff's Office report for the Month of March 2023:

Calls for Service

Sheriff's Deputies responded 105 to calls for service.

March 2023 calls for service included:

- 3 to Bar None
- 3 Alarms
- 12 Medicals
- 5 Animal Complaints

Total calls YTD for 2023: 305

Total calls YTD for 2022: 305

Bar None

On 03/10/2023 at 1:57 PM a deputy received information that a juvenile male at the facility had violated his probation and his probation officer had issued an arrested and detain order. The male was arrested without incident and was booked and the Lino Lakes Regional Juvenile Center.

On 03/12/2023 at 7:13 PM a deputy responded to the facility on a report of a runaway juvenile female. Tracks in the area indicated she was picked up by a vehicle. She was entered as a runaway in NCIC.

We are at 7 calls for quarter 1 of 2023. Last year for quarter 1 we had 14.

Noteworthy Calls for Service

On 03/04/2023 at 3:05 PM a deputy responded to a business in the 19700 block of Nowthen Blvd. NW on a report of a female that was under the influence of drugs and was sitting in a customer's vehicle in the parking lot. The deputy arrived, located the vehicle, and spoke to the female. He determined the female was under the influence of controlled substances and had been walking in the area without shoes on. She was transported by Allina to Mercy hospital for medical care.

On 03/05/2023 at 4:33 PM a deputy initiated a traffic stop on a vehicle after noting multiple equipment violations, including a running board that was nearly falling off the vehicle and an obstructed rear license plate. The driver, an adult male, was found to have a revoked driver's license. In addition, the deputy found the vehicle to be uninsured. The driver was arrested for driving without insurance and had 4 prior convictions for driving without insurance. He was booked at the Anoka County Jail.

On 03/09/2023 at 8:49 PM a deputy responded to the area of St. Francis Blvd. NW and Viking Blvd. NW on a report of a vehicle in the ditch. A passerby reported there was a female attempting to flag down passing vehicles and she appeared "incoherent". The responding deputy located the vehicle and made contact with the driver, an adult female, who reported she was not from the area and got stuck. The deputy observed signs of impairment and asked the driver how much she had to drink. The driver stated "You know what? If you want to

arrest me, go ahead". The driver was ultimately arrested for DWI and later submitted to a breath test, which showed she was nearly double the legal limit to drive. She was booked at the Anoka County Jail on charges of 4th degree DWI.

On 03/13/2023 at 11:05 PM deputies responded to the 9300 block of 187 Ave. NW on a report of a female that had driven her vehicle off the roadway, struck a mailbox, and was trying to leave the scene. Bystanders reported she appeared to be intoxicated. The arriving deputy made contact with the female, but she refused to exit her vehicle. Ramsey PD responded to assist, and the female had to be removed from the vehicle by force. In the process a deputy's body camera was torn from his uniform. The female was ultimately arrested. She was booked on charges of second degree DWI test refusal, gross misdemeanor refusal to submit to a chemical test, ignition interlock violation, no driver's license in possession, operating a motor vehicle with expired registration, obstructing the legal process, failure to drive with due care, and failure to maintain a single lane.

03/14/2023 at 9:36 PM, ACSO assisted Nowthen FD on a report of a vehicle fire in the 22800 block of Sugar Bush Rd. NW. The fire was brought under control by Nowthen FD. There were no injuries.

On 03/28/2023 at 3:18 PM deputies responded to the 18800 block of Jasper St. NW on a report of a male at the address in violation of a trespassing notice. The male left before deputies arrived, but was located hiding underneath a large tree after deputies following fresh footprints in the snow. The male was arrested without incident and was booked at the Anoka County Jail on a trespassing charge.

Miscellaneous

N/A

Closing

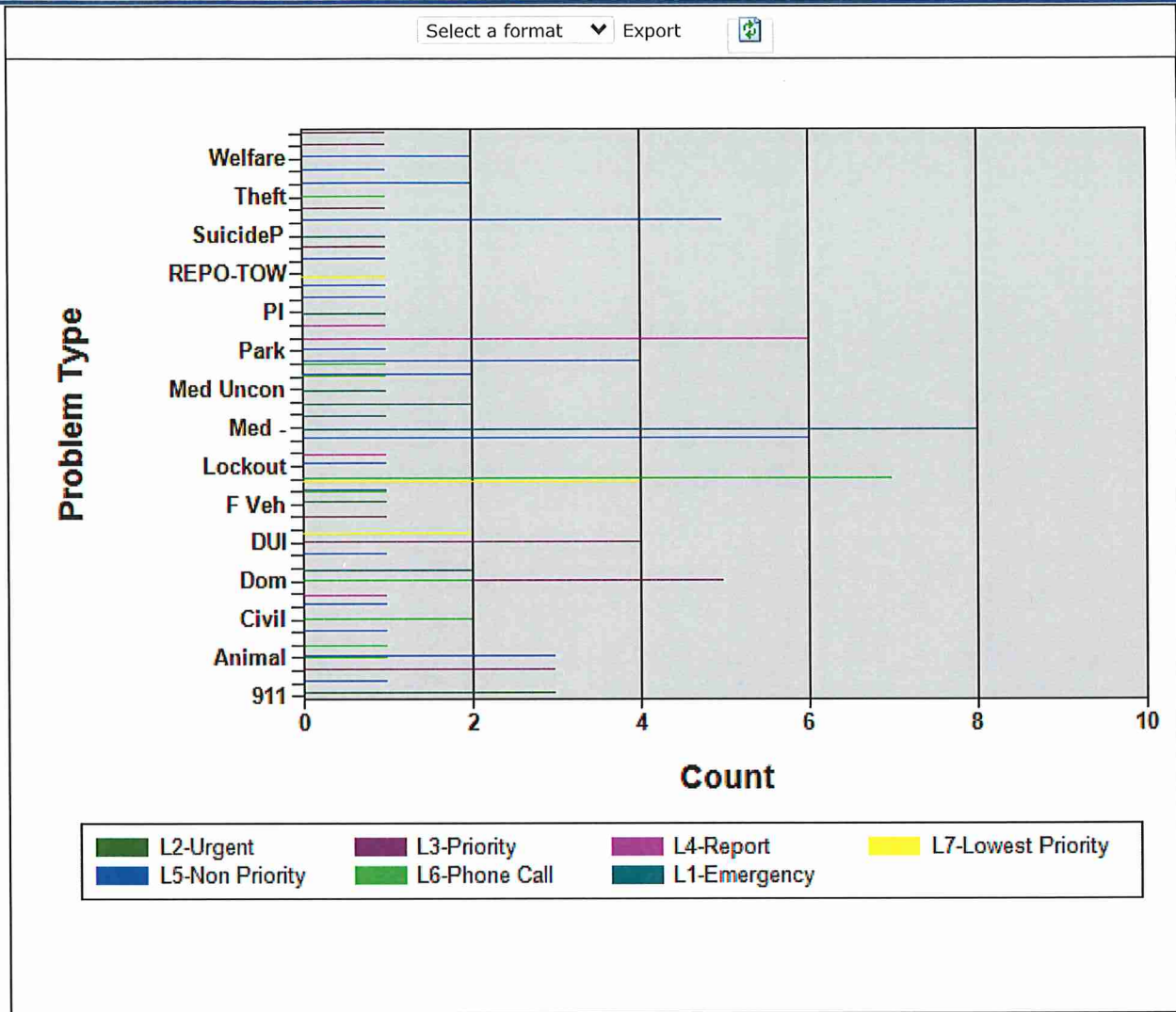
Time for the mayor and members of the council to ask questions.

Problem Type Summary

9:20 AM 04/04/2023

Data Source: Data Warehouse

Agency:	LAW ENFORCEMENT
Division:	Nowthen Law
Day Range:	Date From 3/1/2023 To 3/31/2023
Exclusion:	• Calls canceled before first unit assigned



Priority	Description
0	L0-Highest Priority
1	L1-Emergency
2	L2-Urgent
3	L3-Priority
4	L4-Report
5	L5-Non Priority
6	L6-Phone Call
7	L7-Lowest Priority

Problem Type	Priority								Total
	0	1	2	3	4	5	6	7	
911	0	0	3	0	0	0	0	0	3
Abandon	0	0	0	0	0	1	0	0	1
Abuse	0	0	0	0	0	0	0	0	0
AbuseP	0	0	0	0	0	0	0	0	0
AlarmB	0	0	0	3	0	0	0	0	3

AlarmCO	0	0	0	0	0	0	0	0	
AlarmCOill	0	0	0	0	0	0	0	0	
AlarmF	0	0	0	0	0	0	0	0	
AlarmFsmoke	0	0	0	0	0	0	0	0	
AlarmHoldup	0	0	0	0	0	0	0	0	
AlarmV	0	0	0	0	0	0	0	0	
AlarmWF	0	0	0	0	0	0	0	0	
Animal	0	0	0	0	0	3	1	4	
AnimalResc	0	0	0	0	0	0	0	0	
Arson	0	0	0	0	0	0	1	1	
Assault	0	0	0	0	0	0	0	0	
AssaultP	0	0	0	0	0	0	0	0	
Boat Assist	0	0	0	0	0	0	0	0	
Bomb	0	0	0	0	0	0	0	0	
BombP	0	0	0	0	0	0	0	0	
Broadcast	0	0	0	0	0	0	0	0	
Burg	0	0	0	0	0	1	0	1	
BurgP	0	0	0	0	0	0	0	0	
Civil	0	0	0	0	0	0	2	2	
CivilP	0	0	0	0	0	0	0	0	
CSC	0	0	0	0	0	0	0	0	
Debris	0	0	0	0	0	0	0	0	
Deer	0	0	0	0	0	1	0	1	
Disorderly	0	0	0	0	1	0	0	1	
Dom	0	0	0	5	0	0	2	7	
DomP	0	2	0	0	0	0	0	2	
Drugs	0	0	0	0	0	1	0	1	
DUI	0	0	0	4	0	0	0	4	
Dumping	0	0	0	0	0	0	0	0	
Escort	0	0	0	0	0	0	0	0	
ExPat	0	0	0	0	0	0	2	2	
F Aircraft	0	0	0	0	0	0	0	0	
F Assist	0	0	0	0	0	0	0	0	
F CleanUp	0	0	0	0	0	0	0	0	
F Collapse	0	0	0	0	0	0	0	0	
F Dump	0	0	0	0	0	0	0	0	
F Elec Smell	0	0	0	0	0	0	0	0	
F Expl	0	0	0	0	0	0	0	0	
F Gas Odor In	0	0	0	1	0	0	0	1	
F Gas Odor Out	0	0	0	0	0	0	0	0	
F Grass fire	0	0	0	0	0	0	0	0	
F Illegal	0	0	0	0	0	0	0	0	
F Misc	0	0	0	0	0	0	0	0	
F Mutual Aid	0	0	0	0	0	0	0	0	
F Oven	0	0	0	0	0	0	0	0	
F Powerlines	0	0	0	0	0	0	0	0	
F SmokeIn	0	0	0	0	0	0	0	0	
F SmokeOut	0	0	0	0	0	0	0	0	
F Structure	0	0	0	0	0	0	0	0	
F Train	0	0	0	0	0	0	0	0	
F Veh	0	0	1	0	0	0	0	1	
F Water Rescue	0	0	0	0	0	0	0	0	
Fight	0	0	0	0	0	0	0	0	
Flood in	0	0	0	0	0	0	0	0	
Flood out	0	0	0	0	0	0	0	0	
Fraud	0	0	0	0	0	1	1	2	
FraudP	0	0	0	0	0	0	0	0	
FU	0	0	0	0	0	0	7	4	11
FW	0	0	0	0	0	0	0	0	
Gun	0	0	0	0	0	0	0	0	
Harass	0	0	0	0	0	0	0	0	
Info	0	0	0	0	0	0	0	0	
Lift Assist	0	0	0	0	0	0	0	0	
Liq	0	0	0	0	0	0	0	0	
Lockout	0	0	0	0	0	1	0	0	1
LockoutP	0	0	0	0	1	0	0	0	1

MA	0	0	0	0	0	6	0	0	6
MASS	0	0	0	0	0	0	0	0	0
Med -	0	8	0	0	0	0	0	0	8
Med Alarm	0	0	0	0	0	0	0	0	0
Med Allergic	0	0	0	0	0	0	0	0	0
Med Assault	0	0	0	0	0	0	0	0	0
Med Bleed	0	0	0	0	0	0	0	0	0
Med Breathing Diff	0	0	0	0	0	0	0	0	0
Med Breathing Not	0	0	0	0	0	0	0	0	0
Med Choking	0	0	0	0	0	0	0	0	0
Med Drown	0	0	0	0	0	0	0	0	0
Med Electro	0	0	0	0	0	0	0	0	0
Med Fall	0	0	0	0	0	0	0	0	0
Med Heart	0	1	0	0	0	0	0	0	1
Med Hold	0	0	0	0	0	0	0	0	0
Med ILL	0	0	0	0	0	0	0	0	0
Med Info	0	0	0	0	0	0	0	0	0
Med OB	0	0	0	0	0	0	0	0	0
Med Priority	0	0	0	0	0	0	0	0	0
Med Seizure	0	0	0	0	0	0	0	0	0
Med Stab-Gunshot	0	0	0	0	0	0	0	0	0
Med Stroke	0	2	0	0	0	0	0	0	2
Med Uncon	0	1	0	0	0	0	0	0	1
Medex	0	0	0	0	0	0	0	0	0
Misc	0	0	0	0	0	2	1	0	3
MiscO	0	0	0	0	0	4	1	0	5
Mutual Aid Law	0	0	0	0	0	0	0	0	0
Noise	0	0	0	0	0	0	0	0	0
NoTag	0	0	0	0	0	0	0	0	0
Ord	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Park	0	0	0	0	0	1	0	0	1
PD	0	0	0	0	6	0	0	0	6
Person	0	0	0	0	1	0	0	0	1
PI	0	1	0	0	0	0	0	0	1
POR	0	0	0	0	0	1	0	0	1
Property	0	0	0	0	0	1	0	0	1
PW	0	0	0	0	0	0	0	0	0
REPO-TOW	0	0	0	0	0	0	0	1	1
RJ	0	0	0	0	0	1	0	0	1
RoadClosure	0	0	0	0	0	0	0	0	0
Robbery	0	0	0	0	0	0	0	0	0
RobberyP	0	0	0	0	0	0	0	0	0
Shots	0	0	0	1	0	0	0	0	1
Slumper	0	0	0	0	0	0	0	0	0
StolenProp	0	0	0	0	0	0	0	0	0
Suicide	0	0	0	0	0	0	0	0	0
SuicideP	0	1	0	0	0	0	0	0	1
Susp	0	0	0	0	0	5	0	0	5
SuspP	0	0	0	1	0	0	0	0	1
Theft	0	0	0	0	0	0	1	0	1
TheftP	0	0	0	0	0	0	0	0	0
Threat	0	0	0	0	0	0	0	0	0
ThreatP	0	0	0	0	0	0	0	0	0
Traf	0	0	0	0	0	2	0	0	2
Tres	0	0	0	0	0	0	0	0	0
UNK	0	0	0	0	0	0	0	0	0
Unsecure	0	0	0	0	0	0	0	0	0
Vand	0	0	0	0	0	0	0	0	0
VandP	0	0	0	0	0	0	0	0	0
VehTheft	0	0	0	0	0	1	0	0	1
VehTheftP	0	0	0	0	0	0	0	0	0
Weapon	0	0	0	0	0	0	0	0	0
Weather	0	0	0	0	0	0	0	0	0
Welfare	0	0	0	0	0	2	0	0	2
WelfareP	0	0	0	1	0	0	0	0	1

WT

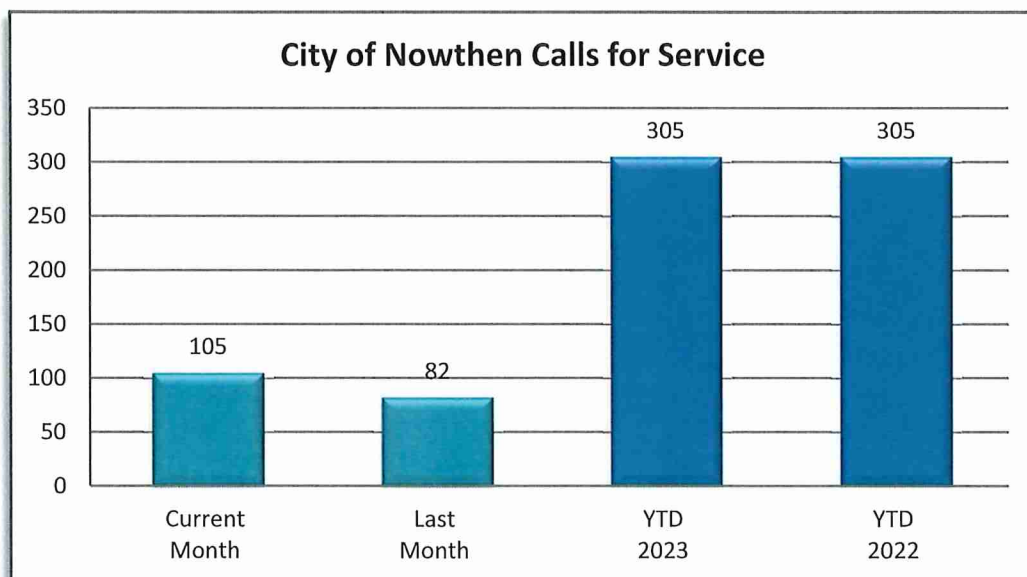
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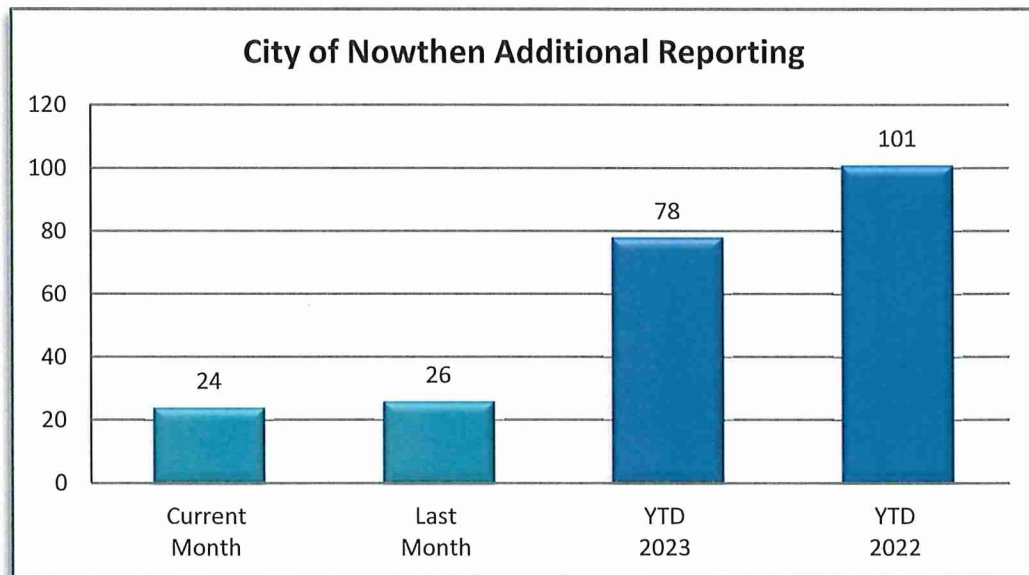
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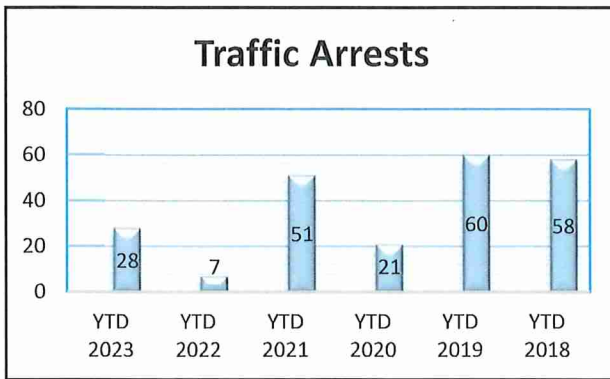
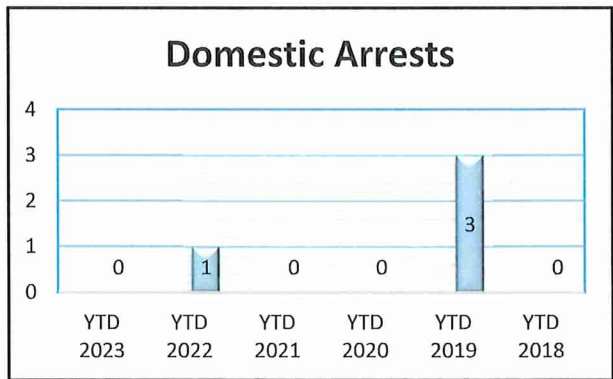
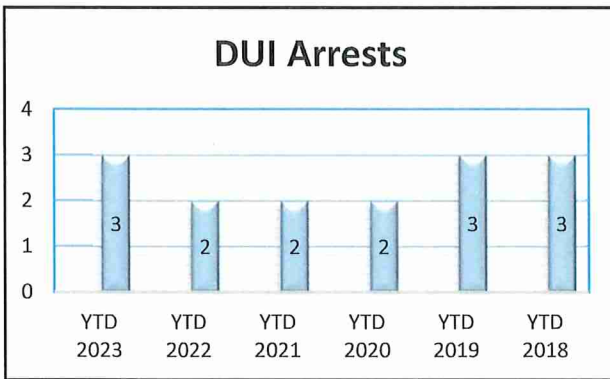
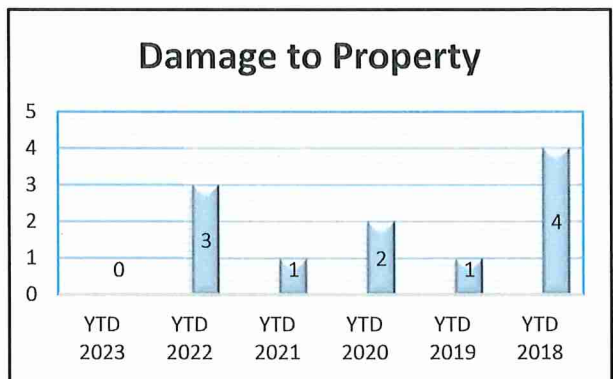
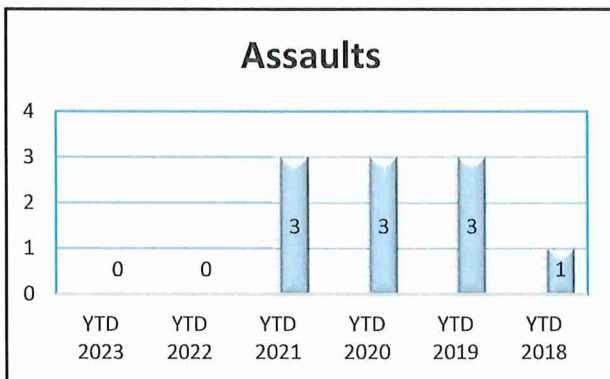
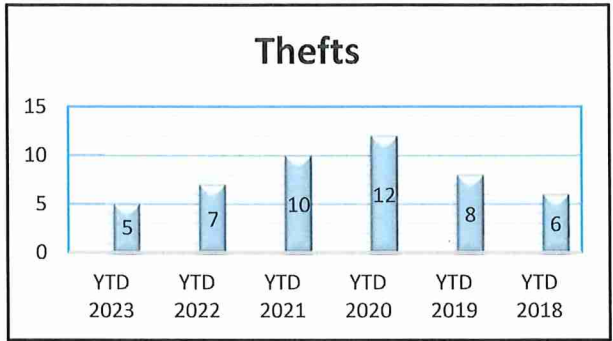
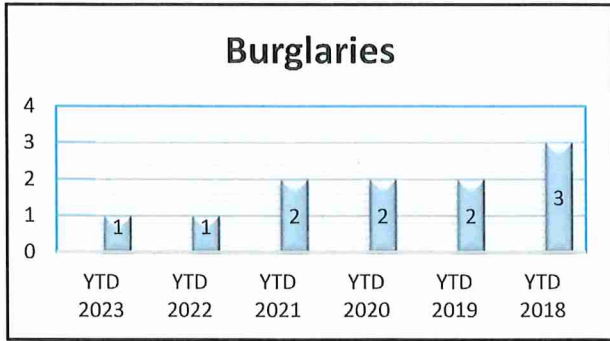
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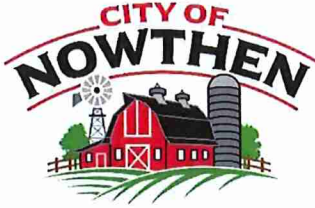
OFFENSE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD 2023	YTD 2022
Call for Service	118	82	105										305	305
Burglaries	0	1	0										1	1
Thefts	2	1	2										5	7
Crim Sex Conduct	0	0	0										0	0
Assault	0	0	0										0	0
Dam to Property	0	0	0										0	3
Harass Comm	0	0	0										0	0
PI Accidents	3	2	1										6	4
PD Accidents	7	4	6										17	14
Felony Arrests	0	3	0										3	0
Gross Misd Arrests	0	1	2										3	0
Misd Arrests	1	0	5										6	2
DUI Arrests	0	1	2										3	2
Domestic Arrests	0	0	0										0	1
Warrant Arrests	1	1	1										3	1
Traffic Stop	52	26	40										118	63
Traffic Arrests	9	9	10										28	7



OFFENSE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD 2023	YTD 2022
Bar None Facility	3	1	3										7	14
Alarms	3	6	3										12	17
Animal Complaints	9	8	5										22	22
Fire	1	0	1										2	5
MV Complaints	0	0	0										0	0
Medicals	11	11	12										34	41
Ordinance	1	0	0										1	2
2023 TOTALS	28	26	24	0	0	0	0	0	0	0	0	0	78	101







REQUEST FOR COUNCIL ACTION

Agenda Item: 9B1	Department: Administration	Requested Council Meeting Date: April 11, 2023	Submitted By: Scott Lehner, City Administrator
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TITLE OF ISSUE: APPROVAL OF RESOLUTION 2023-XX AUTHORIZING THE HIRE OF DONNA OGD AHL FOR THE FULL-TIME ADMINISTRATIVE ASSISTANT POSITION.

BACKGROUND AND SUPPLEMENTAL INFORMATION:

Adrienne Christensen's last day is April 7th, 2023. The city received 8 applications for the open position. They were each scored based on the content of the applications and resume, if applicable. The minimum score to receive an interview was 80 points. Only two (2) of the candidates scored 80 or above. The administration and personnel committee interviewed the two (2) candidates and have made a recommendation to offer the position to Donna Ogdahl, who comes with years of administrative experience and from a position at Sherburne County where she provided customer service along with administrative duties. The experience she brings to the city will fulfill the needs of the city for an Administrative Assistant. The position will offer \$20 per hour with full city benefits with a 6-month probation period.

SOURCE OF FUNDING: 100-41420-101

REQUESTED COUNCIL ACTION: Approval of Resolution 2023-XX Authorizing the Hire of Donna Ogdahl for the Full-Time Administrative Assistant Position.

SUPPORTING DOCUMENTS ATTACHED:

Resolution	Ordinance	Contract	Minutes	OTHER
X				

Nowthen City Office
8188 199th Ave. NW
Nowthen MN, 55330
(763)-441-1347



Council Meeting Location:
Historic Townhall
19800 Nowthen Blvd NW
Nowthen MN, 55330

RESOLUTION No. 2023-XX

A RESOLUTION AUTHORIZING THE HIRING OF DONNA OGDahl FOR THE FULL-TIME ADMINISTRATIVE ASSISTANT POSITION.

WHEREAS, Adrienne Christensen's last day as the city's Administrative Assistant is Friday, April 7th 2023 and;

WHEREAS, after reviewing and scoring the applications received for the position, the personnel committee and administration interviewed two (2) candidates, and;

WHEREAS, the recommendation of the committee is to offer the position to Donna Ogdahl. The experience she brings to the city will fulfill the needs of the city for an Administrative Assistant. The position will offer \$20 per hour with full city benefits with a 6-month probation period.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NOWTHEN as follows:

1. The recitals set forth above are incorporated herein.
2. Administration is directed to offer the position of Administrative Assistant to Donna Ogdahl.
3. Funding for this position comes from 100-41420-201.

The motion for the adoption of the foregoing resolution was proposed by Council Member _____ and was duly seconded by Council Member _____ and upon vote being taken thereon, the following voted in favor:

And the following voted against the same:

Passed and adopted by the Nowthen City Council this 11th day of April 2023.

CITY OF NOWTHEN

By: JEFFREY M. PILON
Its Mayor

ATTEST _____
By: SCOTT LEHNER
Its City Administrator