



LOWER MINNESOTA RIVER WATERSHED DISTRICT

February 2025 Administrator report

From: Linda Loomis, Administrator

To: LMRWD Board of Managers

In addition to items on the meeting agenda, the following District projects and issues were addressed during the month:

Other Work

Big River Magazine

On January 13, 2025, I spoke with Steve Gardiner, a writer for Big River Magazine. Mr. Gardiner is writing a story about the failure of the Rapidan Dam and its impact on the Minnesota River.

Scott County Watershed Management Organization)

On January 13, 2025, the Scott County WMO held a kick-off meeting for its next-generation Watershed Management Plan. The LMRWD has been invited to join the technical advisory committee for the development of this plan. Over the past few months, they have been conducting public outreach and are planning to do more. They are currently seeking suggestions on how to proceed with additional public outreach.

FY 2022 Financial Audit

We are nearing the completion of the audit. There are still ongoing discussions between the auditor, the LMRWD, and the accountant regarding specific items. This matter was included in the Finance Committee's agenda, where they received an update and discussed the next steps to be taken once the FY 2022 audit is finalized.

Notice from Rinke Noonan

Rinke Noonan has issued a notice regarding an increase in legal service fees. The attached notice is provided for the Board's review.

Work Without a Permit

On January 6, 2025, the City of Chanhassen informed the LMRWD that some vegetation clearing was done on two properties within the LMRWD. LMRWD staff, including legal counsel, have discussed this incident and determined that the work completed by the property owners does not meet the threshold to require a LMRWD permit and the LMRWD will not pursue an after-the-fact permit. The City of Chanhassen has been advised of this determination and asked to provide information to the property owners about [vegetation management on steep slopes](#).

The City has informed the LMRWD that one of the property owners has been in touch with the City and is interested in working with the City to restore the vegetation.

West Metro Multi-Community Wellhead Protection Plan

The communities of Bloomington, Chanhassen, Eden Prairie, Edina, Hopkins, Minnetonka, Richfield, and Saint Louis Park notified the LMRWD that they plan to develop a regional, multi-community wellhead protection plan for shared groundwater resources. Portions of Bloomington, Eden Prairie and Chanhassen fall with the boundaries of the LMRWD.

Notice of Intent, Multi-Community Wellhead Protection (WHP) Pilot Project, West Metro Multi-Community Wellhead Protection Plan, Part 1, and Approved Part 1 and Public Information Meeting Notice are attached for the Board's information.

Metro Children's Water Festival

Carver County teachers and home school groups of fourth-grade students are invited to register for a chance to attend the 28th annual [Metro Children's Water Festival](#) on Wednesday, Sept. 24, 2025, at the Minnesota State Fairgrounds. Registration opened Friday Feb. 14, 2025.

The free outdoor festival teaches, motivates, and challenges fourth graders to understand, conserve, and protect water resources. Registration is open through March 14, 2025.

The festival will feature the Science Museum of Minnesota's show WATER! plus water games and arcade. As many as 50 other learning stations include hands-on activities for students to learn about water's physical and chemical properties, how water moves on the land's surface and underground, where water is found and how it is connected. Activities emphasize how students impact water quality and how it impacts them.

The Metro Children's Water Festival is a valuable science enrichment program that helps teachers meet state education standards. The [virtual festival](#) helps teachers expand the learning experience whether or not they are selected for the in-person festival.

Schools or groups selected to participate will be notified by early May. All remaining schools will be put on a waiting list.

Watershed Plan Projects

LMRWD Water Resource Restoration Fund: Notice of the 2025 program was sent to the cities January 7, 2025. Applications are due February 29, 2025 and will be awarded at the April 2025 Board of Managers meeting.

Eagle Creek Bank Restoration at Town & Country RV Facility: No new information to report on this project since the last update.

Fen Private Land Acquisition Study: There is no new information to report since the last update on this project.

Spring Creek: The only work outstanding on this project is the establishment of vegetation. The LMRWD will inspect this project in the Spring to determine the extent of vegetation coverage of areas disturbed by the construction.

Project website: <https://lowermnrivewd.org/projects/spring-creek>

Gully Inventory and Assessment: There is no new information report on this project since the last update.

Project website: <https://lowermnrivewd.org/projects/mn-river-corridor-management-project>

Minnesota River Study Area #3: A report on this project is on the February 19th agenda.

Project website: <https://lowermnriverwd.org/projects/study-area-3-eden-prairie>

Minnesota River Floodplain Modeling: The model and report completion is anticipated for the March Board meeting.

Vernon Avenue Dredge Material Management: Construction is expected to begin in Spring 2025. We are waiting for a permit from the railroad.

Geomorphic Assessments (Trout Streams): There is no new information to report since the last update.

The following projects are projects that are planned by LMRWD partners. LMRWD partners are leading these projects, the LMRWD has agreed to contribute to the projects:

Seminary Fen Ravine Restoration Area C2: There is no new information to report on this project since the last update in December. Here is a link to the [feasibility report](#) Area C-2.

Project website: <https://www.legacy.mn.gov/projects/seminary-fen-ravine-c-2-restoration>

Shakopee Riverbank Stabilization: There is no new information to report since the last update.

Project website: <https://www.shakopeemn.gov/living-here/street-infrastructure-projects/minnesota-riverbank-stabilization>

Carver Levee: There is no new information to report since the last update.

Project website: <https://www.cityofcarver.com/276/Levee-Certification>

RTA Overlook Trail Stabilization: There is no new information to report since the last update.

This project is funded under the LMRWD Watershed Restoration Program.

Project website: <https://www.edenprairie.org/city-government/departments/parks-and-recreation/parks-and-natural-resources/park-projects>

Upcoming meetings/events

Managers are invited to attend any of these meetings. Most are free of charge and if not the LMRWD will reimburse registration fees. Please contact LMRWD administrator if you have any questions.

- [Minnesota Stormwater Seminar Series](#) – *Assessment of urban stormwater chloride and its impact on surface water trends*; Wednesday, February 19, 2025, 10:00 AM – 12:00 PM, in-person at St. Anthony Falls Laboratory Auditorium (2 Third Avenue SE, Minneapolis) or [on-line](#)
- LMRWD CAC meeting – Tuesday, March 4, 6:00 PM to 8:00 PM – [virtual via Webex](#)
- LMRWD Finance Committee meeting – Wednesday, March 5, 2025, 7:00 PM, Small meeting room Savage Library
- LMRWD Personnel Committee meeting – Wednesday, March 12, 2025, 7:00 PM, location to be announced.



November 12, 2024

Direct Dial: 320-656-3503
Jkolb@RinkeNoonan.com

Lower Minnesota River Watershed District
c/o Ms. Linda Loomis, District Administrator
112 – 5th Street East, Suite 102
Chaska, MN 55318

SENT VIA U.S. MAIL & EMAIL TO: NAIADCONSULTING@GMAIL.COM

**Re: 2025 Hourly Rates
Our File No. 25226-0001**

Dear Board of Managers and Linda:

Thank you for placing your continued confidence in Rinke Noonan Law Firm to provide legal services to Lower Minnesota River Watershed District (the “District”) for the purpose of advising it on matters related to its governance duties, authorities, and responsibilities as a Watershed District and unit of local government pursuant to Minnesota Statutes Chapter 103D. Rinke Noonan’s terms of representation for the District are detailed in our 2022 Legal Services Agreement (“Agreement”), as extended by the Board to July 2025.

As noted in our 2022 Legal Services Agreement, from time to time, it is necessary to adjust our hourly rates to compensate for increased experience factors or for inflationary cost increases in our economy. Our Agreement with the District notes that we will notify the District of such adjustments which are reviewed on a yearly basis. In order to meet the unique needs of our public-sector, government clients, Rinke Noonan continues to provide a reasonable discount in billing rates when compared to representation of our private clients. For 2025, we have endeavored to keep our rate increase below the composite inflation rate for our government clients. Our rates for our government clients for 2025 are as follows:

Attorneys (7+ Years Experience):	\$475/hour
Attorneys (5-7 Years Experience):	\$395/hour
Attorneys (3-4 Years Experience):	\$335/hour
Attorneys (0-2 Years Experience):	\$290/hour
Paralegals (Range Depends on Experience):	\$245-295/hour
Legal Clerks:	\$155/hour
Legal Technicians:	\$150/hour
Clerical Staff:	No Charge

Suite 300 US Bank Plaza
1015 W. St. Germain St.
P.O. Box 1497
St. Cloud, MN 56302
320.251.6700

www.rinkenoonan.com

Lower Minnesota River Watershed District
November 12, 2024
Page 2

The remaining terms of our representation can be found in the Agreement approved by the District in 2022. If you have any questions regarding these rates or the terms of our representation, do not hesitate to contact me. On behalf of Rinke Noonan Law Firm, we appreciate the opportunity to continue representing the District and to work with it and its staff.

Sincerely,

/s/ John C. Kolb

John C. Kolb
JCK/cmt

Notice of Intent to LGUs and Workplan

Date: August 22, 2024

To: Mayors, Participating Municipalities
Governing Bodies and Staff, Neighboring Municipalities
County Board Chairs and Water Planners, Carver and Hennepin Counties
Chair and District Manager, Carver Soil and Water Conservation District
Chairs/Presidents and Administrators, Watershed Management Organizations/Districts
Chair, Joint Water Commission
Environmental Affairs Manager, Metropolitan Airports Commission
Water Resources Planning, Metropolitan Council

Please see the enclosed recipient list for full details.

From: West Metro Participating Public Water Suppliers

Re: West Metro Multi-Community Wellhead Protection Project

The communities listed below are notifying neighboring and overlying units of government of the intent to develop a regional, multi-community wellhead protection plan to protect our shared groundwater resources. The goal of the plan is to work together to prevent human-caused contaminants from entering our water supply wells and to protect all who use our water supplies from adverse health effects associated with groundwater contamination through a shared plan and implementation. Our plan is to follow the processes that are outlined in the Minnesota Wellhead Protection Rule (Minnesota Rules Parts 4720.5100 to 4720.5590).

Participating Communities and Their Wellhead Protection (WHP) Managers

Community	WHP Manager Name	Email Address	Phone Number
Bloomington	Scott Anderson	smanderson@bloomingtonmn.gov	(952) 563-4867
Chanhausen	Charles Howley	chowley@chanhassenmn.gov	(952) 227-1169
Eden Prairie	Rick Wahlen*	rwahlen@edenprairie.org	(952) 294-5908
Edina	Ross Bintner	rbintner@edinamn.gov	(952) 903-5713
Hopkins	Sean Moilanen	smoilanen@hopkinsmn.com	(952) 548-6353
Minnetonka	Mike Kuno	mkuno@minnetonkamn.gov	(952) 988-8410
Richfield	Mattias Oddsson*	MOddsson@richfieldmn.gov	(612) 861-9797
Saint Louis Park	Austin Holm	AHolm@stlouisparkmn.gov	(952) 924-2186

* Denotes project leads

The community WHP Managers have come together to develop a shared drinking water supply management area (DWSMA) and wellhead protection plan for a variety of reasons. One such reason is that our current DWSMAs overlap and extend into each other's jurisdictions, limiting our capabilities to manage potential sources of contamination. Additionally, overlapping DWSMAs will sometimes show different levels of vulnerability for the same parcel of land,

which introduces confusion and regulatory ambiguity. The Minnesota Department of Health (MDH), the Metropolitan Council, and the Minnesota Rural Water Association are working with us to pilot this multi-community approach. For more information on this pilot project, please see the enclosed factsheet.

We have already begun working on the groundwater model and DWSMA delineation. We anticipate being ready for formal approval of this first phase of the planning process (Part I) very soon, after which we will be sharing the results with you. Further notifications will come regarding opportunities for your entities and members of the public to learn about our shared DWSMA and next steps for the wellhead protection plan. Enclosed is a general project work plan – please keep in mind the pilot nature of this project when reviewing the work plan and note that dates are estimates and may change as the planning process continues.

The multi-community wellhead protection plan will cover and address 78 primary municipal wells and nine seasonal backup municipal wells amongst the eight participating communities. For further details on the wells impacted by this plan, contact Abby Shea at MDH at abby.shea@state.mn.us or 651-201-4386.

If available, we request that you please submit to us:

- 1) Any existing water and related land resource plans and official controls for your jurisdiction (For example: comprehensive land use plans, zoning plans, surface water management or watershed management plans, natural resource management plans, ordinances pertaining to wells, or any other similar ordinances, plans, and rules); and
- 2) A description of conflicts, problems, or opportunities that you would like examined and addressed in our shared wellhead protection plan.

Thank you for your assistance in our wellhead project efforts. You may submit these items by mail or email to:

Abby Shea, Planner
Minnesota Department of Health
PO Box 64975
Saint Paul, MN 55164-0975
abby.shea@state.mn.us

For questions or other inquiries, please contact the wellhead protection manager for a community within or closest to your jurisdiction. MDH and Metropolitan Council contacts for this project can be found in the enclosed factsheet.

Enclosures: Work plan
 Project factsheet
 Detailed notice recipient list

cc: Wellhead Protection Managers and Secondary Contacts, Participating Communities
 Abby Shea, Planner, Minnesota Department of Health

Robyn Hoerr, Source Water Protection Specialist, Minnesota Rural Water Association
Jen Kader, Senior Planner, Metropolitan Council
Lanya Ross, Environmental Analyst, Metropolitan Council
Trudi Witkowski, Minnesota Department of Health
State of Minnesota Water Resource Agencies

Wellhead Protection (WHP) Plan Work Plan

Part I

Step	Projected Completion Date (Month/Year)
Letter from MDH Initiating Plan Development	May 2021 and March 2023
Send Notice of Plan Development to Local Units of Government (LGUs)	August 2024
Appoint WHP Manager	June 2024
Appoint WHP Team	June 2024
Scoping 1 Meeting Held (MDH-led)	November 10, 2022
MDH Scoping 1 Decision (Letter)	August 2024
Prepare Aquifer Test Plan and Submit to MDH	August 2024
MDH Approval of Aquifer Test Plan	August 2024
Delineate Wellhead Protection Area (WHPA)	August 2024
Delineate Drinking Water Supply Management Area (DWSMA)	August 2024
Conduct Vulnerability Assessment	August 2024
Submit Part I Plan: WHPA, DWSMA, and Vulnerability Assessment to MDH	August 2024
MDH Approval of WHPA, DWSMA, and Vulnerability Assessment	September 2024
Submit Part I Plan: WHPA, DWSMA, and Vulnerability Assessment to LGUs	September-October 2024
Hold Public Informational Meeting and Local Partner Open House	Fall 2024

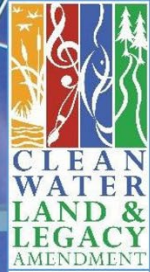
Please see next page for Part II items.

Part II

Step	Projected Completion Date (Month/Year)
Scoping 2 Meeting Held (MDH-led)	Fall 2024
MDH Scoping 2 Decision (Letter)	Fall 2024
Inventory Potential Contaminant Sources (PCSI)	Winter 2024-2025
Prepare Management Portion of the Plan (Part II Plan)	Winter-Spring 2025
Submit Draft Part II Plan and PCSI Data to MDH/MRWA for Review	Spring 2025
PCSI Endorsement by MDH	Spring 2025
Submit Draft Part II Plan to LGUs	Summer 2025
Consider Comments Received by LGUs and Incorporate Response to Comments in Plan	Summer 2025
Hold Public Hearing	Late Summer-Early Fall 2025
Submit Final Part II Plan to MDH	Fall 2025
MDH Review	Fall 2025
MDH Approval	Fall-Winter 2025
Provide Notice to LGUs about Plan Approval	Winter 2025
Begin Plan Implementation	Winter 2025-2026



Multi-Community Wellhead Protection (WHP) Pilot Project



Safe and reliable drinking water is a public health priority for Minnesota Department of Health (MDH). Protection of drinking water resources under the State Wellhead Protection (WHP) Program is implemented on a city-by-city basis. As a result, each city has different implementation actions of their plan and a focus to protect their own drinking water source. The West Metro has many areas where one city’s drinking water supply management area (DWSMA) area extends beyond that city’s border; meaning a city may be dependent on the protection actions taken by their neighbor to protect their drinking water supply source.

MDH, Metropolitan Council, and Public Water Systems (PWS) are evaluating alternative drinking water planning approaches to the current “city-by-city” approach with a pilot project. This pilot project offers the opportunity to explore multiple benefits that a multi-community WHP plan may provide. MDH will use the approaches and lessons learned from this pilot to evaluate new plan development and implementation options to consider during WHP Rule revisions.

Vision

Develop a coordinated and collaborative approach to protect and safeguard regional drinking water sources that reduces barriers and improves local drinking water protection implementation in overlapping DWSMAs or where DWSMAs extend into a neighboring city.

Stakeholder Benefits for collaborative wellhead protection

Benefits to Communities:

- Collaboration by cities to protect shared, regional aquifers.
- Use of updated regional groundwater model, at no cost to systems.
- Reduced time required for individual city WHP planning and implementation.
- Improved consistency in WHP implementation priorities based on same regional scale groundwater model, vulnerability assessment, and delineation work.
- Coordinated and prioritized implementation activities on a sub-regional scale yielding more consistent and protective outcomes.
- Improved local and State coordination and communication in managing drinking water resources.

- Increased amount of grant dollars available by collaboration on projects.
- Coordinated regional drinking water protection and understanding of how to protect drinking water across multiple cities.

Benefits to Minnesota Department of Health:

- Reduced time for WHP review and reduced number of plans needing review.
- WHP implementation priorities based on same regional scale groundwater model, vulnerability assessment, and delineation work.
- Improved local and State coordination and communication in managing drinking water resources.

Benefits to Metropolitan Council:

- Furthers mission to help improve drinking water resources across the metropolitan area.
- Supports the work direction of the guiding committees, the Metropolitan Area Water Supply Advisory Committee (MAWSAC) and its Technical Advisory Committee (TAC).

The proposed process will begin as:

1. MDH and Metropolitan Council, with the assistance of a consultant, update the regional groundwater model using the latest available datasets. Communities are asked to be aware and engaged during this phase of the project and share information for modeling, upon request.
2. Updated model and delineations available for communities to use for future WHP planning and implementation activities. Until regional delineation is completed, group members implement their individual plans collaboratively.
3. Participating communities use updated model and delineation for WHP planning for their community.
4. Communities in Pilot Group continue to work together to collaboratively manage WHP areas and protect source water. During delineation phase, group members explore options for governing ongoing plan development work and implementation for the regional DWSMA.
5. MDH and Metropolitan Council agree to provide funds to hire a facilitator to assist communities.

This approach is likely to occur in some key phases:



Funding and technical assistance will be provided by both MDH and Metropolitan Council to support establishing the Pilot Group including:

- Facilitation of all meetings with external facilitation support.
- Hiring a consultant to work with communities to develop goals, implementation strategies, and activities to protect drinking water in the DWSMA.
- Technical assistance from MDH and Metropolitan Council hydrologists and planners.
- MDH extensions on existing WHP plan for participating communities.

Participating communities will benefit from shared commitments and are asked to:

- Be committed and stay engaged in the process.
- Encourage community planners, city leaders, and neighbors to participate.
- Explain project to others.
- Attend meetings regularly.
- Share project updates as requested.
- Maintain open communication with MDH and Metropolitan Council.
- Continue to implement existing Wellhead Protection Plan while regional plan is being developed.
- Commitment to completing a regional WHP plan that can be supported and implemented by the communities.
- Formulate a form of governing body or operating principles as a group.
- Assist each other with funding/lobbying requests as needed.
- Meet regularly and follow a group-established workplan to push for continuous improvement and source water protection.

For more information, contact Abby Shea (abby.shea@state.mn.us) or Jen Kader (jen.kader@metc.state.mn.us).

West Metro Multi-Community Wellhead Protection Plan, Part 1

EXECUTIVE SUMMARY

The communities of Bloomington, Chanhassen, Eden Prairie, Edina, Hopkins, Minnetonka, Richfield, and Saint Louis Park partnered with the Minnesota Department of Health and the Metropolitan Council to pilot a multi-community approach to wellhead protection planning. The pilot project analyzed time of travel to 88 existing community supply wells and one planned supply well (Table 1).

The wellhead protection area (WHPA) represents the area around the wells that contributes water to the community supply wells within a 10-year time period. The drinking water supply management area (DWSMA) fully envelops the WHPA and is defined by features on the surface such as roads, property lines, public land survey system (PLSS) area boundaries, etc.

A new sub-regional groundwater flow model was developed from the existing Metro Model 3 regional groundwater model for the purposes of delineating the WHPA and DWSMA. This new model incorporated the most up-to-date geology and pumping information and was built using MODFLOW6, the most recent version of MODFLOW supported by the United States Geological Survey.

The DWSMA area was determined through a combination of the sub-regional groundwater model, fracture flow calculations, and overland flow. Then the vulnerability was determined using a combination of the 40-acre PLSS quarter-quarter sections, water chemistry data, soils data, and geology. Much of the DWSMA is of low or moderate vulnerability with a few areas of high vulnerability (Figure 1). DWSMA vulnerability represents the sensitivity of the aquifer to impacts from land use and water management within the area.

Table 1. Municipal Water Supply Well Details

City	Unique Number	Local Well Name	Use/ Status1	Casing Depth (feet)	Well Depth (feet)	Date Constructed/ Reconstructed	Well Vulnerability*	Aquifer
St. Louis Park	200542	St. Louis Park #4	A/Primary	410	503	1946	Vulnerable	Jordan Sandstone
St. Louis Park	203678	St. Louis Park #8	A/Primary	314	507	1955	Not Vulnerable	Prairie du Chien - Jordan Sandstone
St. Louis Park	206442	St. Louis Park #10	A/Primary	316	500	1955	Vulnerable	Prairie du Chien - Jordan Sandstone
St. Louis Park	206439	St. Louis Park #11	A/Primary	880	1093	1960	Not Vulnerable	Mt. Simon Sandstone
St. Louis Park	206456	St. Louis Park #12	A/Primary	900	1095	1965	Not Vulnerable	Mt. Simon Sandstone
St. Louis Park	206424	St. Louis Park #13	A/Primary	891	1045	1964	Not Vulnerable	Mt. Simon Sandstone
St. Louis Park	227965	St. Louis Park #14	A/Primary	389	485	1965	Vulnerable	Jordan Sandstone
St. Louis Park	215447	St. Louis Park #15	A/Primary	402	503	1969	Vulnerable	Jordan Sandstone – St. Lawrence
St. Louis Park	203187	St. Louis Park #16	A/Primary	425	500	1973	Vulnerable	Jordan Sandstone
Minnetonka	204140	Minnetonka #10	A/Primary	305	505	1969	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	150356	Minnetonka #10a	A/Primary	302	486	1981	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	208014	Minnetonka #11	A/Primary	282	498	1970	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	439797	Minnetonka #11a	A/Primary	291	492	1988	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	203717	Minnetonka #12	A/Primary	332	535	1971	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	191939	Minnetonka #12a	A/Primary	340	506	1985	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	205165	Minnetonka #13	A/Primary	292	475	1972	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	132263	Minnetonka #13a	A/Primary	274	464	1978	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	204537	Minnetonka #14	A/Primary	367	555	1972	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	160021	Minnetonka #14a	A/Primary	395	575	1978	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	208016	Minnetonka #15	A/Primary	235	450	1974	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	150351	Minnetonka #15a	A/Primary	238	444	1978	Vulnerable	Prairie du Chien - Jordan Sandstone

WEST METRO MULTI-COMMUNITY WELLHEAD PROTECTION PLAN PART 1 SUMMARY

City	Unique Number	Local Well Name	Use/ Status1	Casing Depth (feet)	Well Depth (feet)	Date Constructed/ Reconstructed	Well Vulnerability*	Aquifer
Minnetonka	661401	Minnetonka #16a	A/Primary	322	530	2001	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	661402	Minnetonka #16b	A/Primary	303	519	2002	Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	204470	Minnetonka #3	A/Primary	393	465	1963	Vulnerable	Jordan Sandstone
Minnetonka	171021	Minnetonka #3a	A/Primary	254	468	1981	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Minnetonka	204054	Minnetonka #6	A/Primary	394	488	1967	Not Vulnerable	Jordan Sandstone
Minnetonka	208012	Minnetonka #6a	A/Primary	397	486	1967	Not Vulnerable	Jordan Sandstone
Chanhassen	737048	Chanhassen #10	A/Primary	375	482	2006	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	760936	Chanhassen #12	A/Primary	270	441	2008	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	760937	Chanhassen #13	A/Primary	290	460	2008	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	775541	Chanhassen #14	A/Primary	280	472	2010	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	810696	Chanhassen #15	A/Primary	428	530	2015	Not Vulnerable	Jordan Sandstone-
Chanhassen	220976	Chanhassen #2	A/Primary	246	471	1969	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	200195	Chanhassen #3	A/Primary	317	500	1973	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	180913	Chanhassen #4	A/Primary	289	478	1981	Not Vulnerable	Prairie du Chien – Tunnel City Group
Chanhassen	541545	Chanhassen #7	A/Primary	330	490	1996	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	578953	Chanhassen #8	A/Primary	378	489	1999	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Chanhassen	709304	Chanhassen #9	A/Seasonal	373	482	2004	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Bloomington	222910	Bloomington #1	A/Primary	345	440	1973	Vulnerable	Jordan Sandstone
Bloomington	222911	Bloomington #2	A/Primary	315	392	1973	Vulnerable	Prairie du Chien - Jordan Sandstone
Bloomington	222912	Bloomington #3	A/Primary	450	950	1974	Vulnerable	Tunnel City Group - Mt. Simon Sandstone
Bloomington	133389	Bloomington #4	A/Primary	282	376	1978	Vulnerable	Prairie du Chien - Jordan Sandstone
Bloomington	603079	Bloomington #5	A/Primary	307	405	2001	Vulnerable	Jordan Sandstone
Bloomington	603080	Bloomington #6	A/Primary	298	399	2001	Vulnerable	Jordan Sandstone
Richfield	206353	Richfield #1	A/Primary	343	437	1961	Vulnerable	Jordan Sandstone

WEST METRO MULTI-COMMUNITY WELLHEAD PROTECTION PLAN PART 1 SUMMARY

City	Unique Number	Local Well Name	Use/ Status1	Casing Depth (feet)	Well Depth (feet)	Date Constructed/ Reconstructed	Well Vulnerability*	Aquifer
Richfield	206354	Richfield #2	A/Primary	343	435	1961	Vulnerable	Jordan Sandstone
Richfield	206361	Richfield #3	A/Primary	226	425	1962	Vulnerable	Prairie du Chien - Jordan Sandstone
Richfield	206276	Richfield #4	A/Primary	208	405	1962	Vulnerable	Prairie du Chien - Jordan Sandstone
Richfield	206280	Richfield #5	A/Primary	226	408	1963	Vulnerable	Prairie du Chien - Jordan Sandstone
Richfield	206279	Richfield #6	A/Primary	225	422	1963	Vulnerable	Prairie du Chien - Jordan Sandstone
Richfield	133362	Richfield #7	A/Primary	631	1066	1977	Not Vulnerable	Wonewoc - Mt. Simon
Edina	208399	Edina #2	A/Primary	266	448	2007	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	240630	Edina #3	A/Seasonal	265	496	1949	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	200561	Edina #4	A/Primary	266	500	1950	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	206377	Edina #5	A/Seasonal	257	443	2002	Not Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	200564	Edina #6	A/Primary	316	503	1954	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	206474	Edina #7	A/Primary	350	547	1955	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	204884	Edina #8	A/Seasonal	232	472	1953	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	206588	Edina #9	A/Seasonal	1010	1130	1957	Not Vulnerable	Mt. Simon Sandstone
Edina	206184	Edina #10	A/Primary	881	1001	1963	Not Vulnerable	Mt. Simon Sandstone
Edina	206183	Edina #11	A/Primary	321	403	1963	Vulnerable	Jordan Sandstone
Edina	203614	Edina #12	A/Primary	955	1080	1964	Vulnerable	Mt. Simon Sandstone
Edina	203613	Edina #13	A/Primary	429	495	1964	Vulnerable	Jordan Sandstone
Edina	207674	Edina #15	A/Primary	275	475	2002	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	203101	Edina #16	A/Seasonal	265	381	1967	Vulnerable	Prairie du Chien - Jordan Sandstone
Edina	200914	Edina #17	A/Seasonal	373	461	1970	Vulnerable	Jordan Sandstone
Edina	200918	Edina #18	A/Seasonal	365	446	1973	Vulnerable	Jordan Sandstone
Edina	505626	Edina #19	A/Seasonal	440	521	1989	Vulnerable	Jordan Sandstone
Edina	686286	Edina #20	A/Seasonal	265	467	2008	Vulnerable	Prairie du Chien - Jordan Sandstone

WEST METRO MULTI-COMMUNITY WELLHEAD PROTECTION PLAN PART 1 SUMMARY

City	Unique Number	Local Well Name	Use/ Status1	Casing Depth (feet)	Well Depth (feet)	Date Constructed/ Reconstructed	Well Vulnerability*	Aquifer
Hopkins	204068	Hopkins #4	A/Primary	410	548	1954	Vulnerable	Prairie du Chien - Jordan Sandstone
Hopkins	204570	Hopkins #5	A/Primary	382	495	1967	Vulnerable	Prairie du Chien - Jordan Sandstone
Hopkins	112228	Hopkins #6	A/Primary	354	545	1977	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	205905	Eden Prairie #2	A/Primary	210	394	1971	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	112242	Eden Prairie #3	A/Primary	207	392	1978	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	147454	Eden Prairie #4	A/Primary	207	381	1982	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	147453	Eden Prairie #5	A/Primary	219	393	1981	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	147452	Eden Prairie #6	A/Primary	230	388	1981	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	424924	Eden Prairie #7	A/Primary	306	383	1987	Vulnerable	Jordan Sandstone
Eden Prairie	424925	Eden Prairie #8	A/Primary	316	391	1987	Vulnerable	Jordan Sandstone
Eden Prairie	424926	Eden Prairie #9	A/Primary	319	405	1987	Vulnerable	Jordan Sandstone
Eden Prairie	424927	Eden Prairie #10	A/Primary	308	401	1987	Vulnerable	Jordan Sandstone
Eden Prairie	541542	Eden Prairie #11	A/Primary	232	408	1994	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	541541	Eden Prairie #12	A/Primary	215	385	1994	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	622703	Eden Prairie #13	A/Primary	210	410	1998	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	603068	Eden Prairie #14	A/Primary	241	418	2000	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	686256	Eden Prairie #15	A/Primary	243	420	2005	Vulnerable	Prairie du Chien - Jordan Sandstone
Eden Prairie	763769	Eden Prairie #16	A/Primary	278	405	2008	Vulnerable	Prairie du Chien - Jordan Sandstone

*Well vulnerability was assessed based on a combination of 1) well construction details, especially conformance with standards required by the state well code, 2) the geologic sensitivity of the aquifers, and 3) past monitoring results.

Approved Part 1 and Public Information Meeting Notice

Date: February 12, 2025

To: Governing Bodies and Staff, Neighboring and Participating Municipalities
County Board Chairs and Water Planners, Carver and Hennepin Counties
Chair and District Manager, Carver Soil and Water Conservation District
Chairs/Presidents and Administrators, Watershed Management Organizations/Districts
Chair, Joint Water Commission
Environmental Affairs Manager, Metropolitan Airports Commission
Water Resources Planning, Metropolitan Council

Please see the enclosed recipient list for full details.

From: West Metro Participating Public Water Suppliers

Re: West Metro Multi-Community Wellhead Protection Plan, Part 1

The communities participating in the West Metro Multi-Community Wellhead Protection project (listed below) are in the process of developing a shared regional, multi-community wellhead protection plan for their drinking water supply wells. As required by the Minnesota Wellhead Protection Rule (Minnesota Rules Part 4720.5330), the Minnesota Department of Health approved Part 1 of the wellhead protection plan for our systems. This portion of the plan includes information pertaining to:

1. The delineation of the wellhead protection areas,
2. The drinking water supply management area boundary, and
3. The vulnerability assessment for the wells and drinking water supply management area.

Information on each of the above items is enclosed with this letter.

Participating Communities and Their Wellhead Protection (WHP) Manager(s)

Community	WHP Manager Name	Email Address	Phone Number
Bloomington	Scott Anderson	smanderson@bloomingtonmn.gov	(952) 563-4867
Chanhausen	Charles Howley	chowley@chanhassenmn.gov	(952) 227-1169
Eden Prairie	Rick Wahlen*	rwahlen@edenprairie.org	(952) 294-5908
Edina	Ross Bintner	rbintner@edinamn.gov	(952) 903-5713
Hopkins	Sean Moilanen	smoilanen@hopkinsmn.com	(952) 548-6353
Minnetonka	Mike Kuno Chuck Allan*	mkuno@minnetonkamn.gov callan@minnetonkamn.gov	(952) 988-8410 (952) 988-8427
Richfield	Mattias Oddsson Chad Donnelly	MOddsson@richfieldmn.gov CDonnelly@richfieldmn.gov	(612) 861-9797 (612) 861-9798
Saint Louis Park	Austin Holm	AHolm@stlouisparkmn.gov	(952) 924-2186

* Denotes project leads

Per the Minnesota Wellhead Protection Rule, a Public Information Meeting is required to be held. As this is a pilot project, this requirement will be met in a different manner than for traditional wellhead protection plans. In addition to individual meetings with city councils, which will be open to the public, **all participating communities will jointly hold an Open House for local resource partners on Monday, February 24, 2025, at the Minnetonka Community Center (14600 Minnetonka Blvd, Minnetonka, MN 55345), beginning at 1pm.** This Open House is an opportunity for partners to learn more about the West Metro Multi-Community Wellhead Protection pilot project, the delineated drinking water supply management area, and the potential for future collaboration as the project continues. We welcome your participation at this event.

If you are interested in the date, time, and location for a specific city council meeting, please use the above table and contact the wellhead protection manager for that community for details.

If you have any questions concerning this matter, please contact the wellhead protection manager for a community within or closest to your jurisdiction. Additionally, the Minnesota Department of Health contact for this project is Abby Shea (abby.shea@state.mn.us, 651-201-4386) and the Minnesota Rural Water Association contact is Robyn Hoerr (robyn.hoerr@mrwa.com, 218-821-5028).

Enclosures: West Metro Multi-Community Wellhead Protection Plan, Part 1 Summary
Detailed notice recipient list

cc: Wellhead Protection Managers and Secondary Contacts, Participating Communities
Abby Shea, Planner, Minnesota Department of Health
Robyn Hoerr, Source Water Protection Specialist, Minnesota Rural Water Association
Jen Kader, Senior Planner, Metropolitan Council
Lanya Ross, Environmental Analyst, Metropolitan Council
Trudi Witkowski, Minnesota Department of Health
State of Minnesota Water Resource Agencies