



Inver Grove Heights City Council
Monday, August 14, 2023 at 6:00 PM
8150 Barbara Ave, Inver Grove Heights, MN 55077

AGENDA

NOTICE TO RESIDENTS: Individuals may submit written public comments in advance of the meeting by emailing comments to Rebecca Kiernan (rkiernan@ighmn.gov). Comments received prior to 4:00 p.m. on Monday, August 14, 2023, will be provided to the Council at or before the August 14, 2023 meeting.

1. Call to Order

2. Roll Call

3. Presentations

4. Consent Agenda

All items on the consent agenda are considered routine and have been made available to the City Council at least two days prior to the meeting; the items will be enacted in one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests, in which event the item will be removed from this agenda and considered in normal sequence.

A. Minutes of the July 10, 2023 City Council Meeting

B. Minutes of the July 17, 2023 City Council Work Session

C. Approval of Disbursements

D. Personnel Actions

E. Ice Usage Agreement with Premier Skating Academy

F. Marketing Contract for Inver Wood Golf Course Anniversary Membership Campaign

G. Resolution Accepting Work, Authorizing Final Payment, and Closing the Contract for City Project No. 2021-09D

H. Cost Participation Agreement with BFI Waste Systems for 117th Street Sanitary Sewer Design (City Project No. 2016-17)

I. Resolution Electing to Confirm Statutory Tort Limits for Liability Insurance Purposes

J. Resolution Accepting \$2,000 in Donations for Fire & Police Departments

K. Resolution Amending 2023 Fee Schedule

L. Approval of Massage Business License and Two Therapist Licenses

M. Revised Temporary 4-Day On-Sale Liquor License for Twin Cities Goodtime Softball League

5. Public Hearing

- A. Temporary 1-Day On-Sale Liquor License for Inver Grove Brewing
- B. Interim Ordinance Temporarily Prohibiting the Establishment and Operation of Cannabis Businesses within the City

6. Regular Business

- A. Rental Housing Licenses
- B. Comprehensive Plan Amendment for 7950 Blaine Avenue
- C. Preliminary Design Report and Final Design Recommendations for Water Treatment Plant Rehabilitation Improvements (City Project No. 2023-03)
- D. Third Reading of Ordinance 1457 Establishing a City Licensing Requirement for Tobacco Sales and Resolution Approving Summary Publication
- E. Second Reading of Ordinance Prohibiting Cannabis and Tobacco Smoking and Vaping In Public Places
- F. First Reading of Snow Removal Ordinance and Winter Maintenance Policy Update
- G. Closed Session Pursuant to Minn. Stat. Sec. 13D.05, subd. (3)(c)(3)

7. Public Comment

Public comment provides an opportunity for the public to address the Council on items that are not on the agenda. Comments will be limited to three (3) minutes per person.

8. Mayor and Council Comments

9. Adjourn

This document is available upon a three (3) business day request in alternate formats such as braille, large print, audio recording, etc. Please contact Rebecca Kiernan, City Clerk, at 651.450.2513 or rkiernan@ighmn.gov.

**INVER GROVE HEIGHTS CITY COUNCIL MEETING
MONDAY, JULY 10, 2023 - 6:00 P.M. - 8150 BARBARA AVENUE**

1. CALL TO ORDER:

The City Council of Inver Grove Heights met in regular session on Monday, July 10, 2023, in person. Mayor Dietrich called the meeting to order at 6:00 p.m. The Pledge of Allegiance was recited.

2. ROLL CALL:

Present In-Person: Mayor Dietrich; Council Members: Murphy, Gliva, T’Kach, Scales; Acting City Administrator Hove, City Attorney McCauley Nason, City Clerk Kiernan, Community Development Director Rand, Public Works Director Connolly, City Engineer Merchlewicz, Associate Planner Botten, City Planner Hunting, Communications Manager Looze, Fire Chief Thill, Parks and Recreation Director Lares, Environmental Specialist Sutherland

Absent: City Administrator Wilson

3. PRESENTATIONS:

A. Parks and Recreation Month Proclamation

Mayor Dietrich read the proclamation aloud. In summary: The month of July is Parks and Recreation Month with the 2023 theme “Where Community Grows”. She stated that July 21st, 2023 will be recognized as Park and Recreation Professionals Day in Inver Grove Heights. The public is invited to join the City Council in extending its deepest appreciation to the hardworking members of the Inver Grove Heights Parks and Recreation Department for the many ways they help make the Inver Grove Heights Community a great place to live, work, and play. This is proclaimed the 10th Day of July 2023. She presented a plaque to Parks and Recreation Director Adam Lares.

Mayor Dietrich stated there was a discussion tentatively scheduled on the agenda about the apartment building on the Grace Lutheran Church property. This will be on the agenda for another evening to be determined.

4. CONSENT AGENDA:

A. Approval of Disbursements. **Resolution 2023-156**

B. Personnel Actions

C. Resolution 2023-157 Accepting Work, Approving Final Change Order and Payment, and Closing City Project No. 2016-09G

D. Resolution 2023-158 Approving Final Plat and Related Agreements for Rich Valley Ranch Subdivision, 10093 Rich Valley Blvd

E. Temporary Off-Site Gambling Permit for Moose Lodge #1088. **Resolution 2023-159**

F. Contract for Design Services for Skyview and Oakwood Park Tennis Courts Reconstruction

G. Resolution 2023-160 Approving Purchase of Fire Station Alerting System

Motion by Scales, second by T’Kach, to approve the Consent Agenda as presented.

Ayes: 5

Nays: 0 Motion carried.

5. PUBLIC HEARING:

A. Amended On-Sale Intoxicating Liquor License Application for Moose Lodge #1088 (New Officers & Manager)

City Clerk Rebecca Kiernan stated the request is for consideration of new officers and a new manager for the Loyal Order of the Moose Lodge #1088. The club holds On-Sale, and Sunday On-Sale Intoxicating Liquor Licenses for their location at 5927 Concord Boulevard. The Moose Lodge has requested a change of their Corporate Officers which amends their club On-Sale and Sunday On-Sale Intoxicating Liquor License. The applicant has paid the appropriate fees by city code and provided all necessary documentation required for the officer change. There are five new officers and one new manager. The police department has conducted background investigations and found no basis for denial of this request. Staff recommends approval of the new club officers and new manager.

Motion by Murphy, second by Gliva, to close the public hearing and approve the change of Officers and Manager for Moose Lodge #1088 located at 5927 Concord Boulevard.

Ayes: 5

Nays: 0 Motion carried.

B. Conduct a Public Hearing for a Temporary Premise Expansion for On-Sale Liquor License - Mississippi Pub.

City Clerk Kiernan stated the request is for a temporary premise expansion on the On-Sale Liquor License held by Mississippi Pub for July 26th, 2023 in conjunction with the "Oake on the Water" live music event. The Mississippi Pub submitted a temporary On-Sale Liquor License Expansion Permit for that day from 4:00 to 7:00 p.m. Cities 97 and Leinenkugel's Beer Company will host an "Oake on the Water" show featuring musician Phillip Phillips at their location at 4455 66th Street East, Inver Grove Heights. The premise expansion allows the license holder to serve alcohol beyond their normal boundaries of operation for a defined date and timeframe. The site map identifies the parking area and where alcohol would be served. They have also submitted a large assembly permit which has been reviewed by police, fire, and building inspections. It has been allowed by city code. The City Council is charged with approving any temporary On-Sale Liquor License Premise Expansions. Staff recommends holding a public hearing and approving the application.

Motion by Scales, second by Murphy, to close the public hearing and approve the Temporary Premise Expansion for an On-Sale Liquor License for the Mississippi Pub located at 4455 66th Street East.

Ayes: 4

Nays: 0

Abstain: 1 (Gliva) Motion carried.

6. REGULAR BUSINESS:

A. Rental Housing Licenses

Community Development Director Heather Rand presented one application for a rental housing license. City staff consisting of the police department and community development have reviewed the application, found it to be complete, and recommend approval. The request is in order of rental address, property owner, and property manager:

8799 Branson Dr., Duy Vu & Nhu Lam, Maplewood, MN; Nhu Lam, Maplewood, MN

Motion by Gliva, second by T'Kach, to approve the rental housing license as presented.

Ayes: 5

Nays: 0 Motion carried.

B. Final Plat, Final PUD Development Plan for Phase 1, Development Agreement, and Related Agreements for Robert Curve Fourth Addition, located at Diffley Court and Hwy 3. Resolution 2023-161

City Planner Allan Hunting presented the final plat, final PUD development plan for Phase 1 of Robert Curve Addition. The Council approved the preliminary plans in December, 2022. This consists of 1-190-unit apartment building and 54 townhomes. The applicant is proposing Phase 1. The final plat is on the southern lot, a platted lot for townhomes. The apartment building lot and the other townhome block would be in outlots that would be platted in the future. Phase 1, off Diffley Court, would include 45 townhome units. Other phases would come shortly thereafter.

- Plans are consistent with the preliminary plans. Engineering and planning have reviewed.
- Drafted agreements have been worked out with staff and the applicant.

Action Requested:

- Take action on the resolution approving the final plat, PUD, and the agreements for Phase 1 of Robert Curve Fourth Addition.
- The Planning Commission recommended approval 7/0.
- Staff recommends approval.

Andy Brummer, Trident Development, 1200 25th Avenue South, St. Cloud, Minnesota, introduced himself.

Councilmember T’Kach asked if there was a timeframe for the apartment building.

Mr. Brummer replied as soon as they can get their application in for final plat of the area they would proceed. It would be as soon as possible.

Motion by Scales, second by T’Kach, to approve the Final Plat, Final PUD Development Plan for Phase 1, Development Agreement, and Related Agreements for Robert Curve Fourth Addition, located at Diffley Court and Hwy 3. Resolution 2023-161

Ayes: 5

Nays: 0 Motion carried.

C. Interim Use Permit Extension to Allow the Continued Operation of a Park-and-Ride (Fly) Facility. Resolution 2023-162

Associate Planner Heather Botten discussed an extension of the Interim Use Permit operated by AmericInn. It is located at the AMC Movie Theatre parking lot on the west side of Bishop Avenue, in the northeast corner of the property zoned PUD.

Action Requested:

- A one-time extension to an Interim Use Permit to allow the continued operation of a park and ride facility.
 - An interim use is defined as the temporary use of a property until a specific date, occurrence of a particular event, or until zoning regulations no longer permit the use.
 - Interim uses are typically not allowed in a regular zoning ordinance, it may be appropriate for a certain amount of time on a specific property.
 - This is a one-time extension. With what is approved tonight, the applicant would not be able to come back again at the end of the timeframe.
- Five years ago, AmericInn received an Interim Use Permit for 250 spaces for a park and fly facility on the movie theatre parking lot.
- The current lease agreement between the AMC Theatre and AmericInn is for 150 spaces.

- Staff believes this area of the city and the parking lot has high potential for redevelopment. When looking at temporary/low impact uses, this is not necessarily what the city may be looking for, for commercial redevelopment.

Recommendations:

- Staff supports the extension for an Interim Use Permit, but the applicants are asking for what they had originally, 250 spaces at an additional 5 years. The current agreement was for 150 spaces.
- Staff would like to see the agreement of 150 spaces and have it be a one-year approval as a transition to looking at higher and more intense uses.
- The Planning Commission on June 20, 2023, recommended approval at the same request that was approved five years ago and what the current request is for; 250 parking spaces for five years.
 - The lease agreement is up between the two entities. It could be re-evaluated, it could be back up to 250 spaces.
 - The Commission did not believe the city should be in the way of limiting the number of spaces approved between them.
 - If the theatre had plans to redevelop, they could have some type of clause in the agreement between the two to break the termination of the lease earlier. The Planning Commission did not believe the city should interfere in this as well.

Staff recommends approval of 150 parking spaces for one year.

Councilmember Scales said if allowing the extension for another year, he questioned if it starts a clock that a year from now it would either go away and have a parking lot sitting there with nothing in it, or hoping that development comes in. He questioned if one year was a reasonable timeframe, it sounded quick to be moving a company along. He asked if there was anything in the works for that space.

Associate Planner Botten replied that Community Development Director Rand has been in contact with a representative from the AMC Theatre; there is interest like they have done at other locations, where they redeveloped some of their excess parking. With the way the theatre was built several years ago, they calculated seats based on design occupancy. Over time that was revamped, the theatre was redone, and seating was reduced with recliner seats. Due to that, the number of parking spots required on the site is not as much as it once was. This has happened throughout the nation. She said it seems there is interest from the theatre group to look at redeveloping part of the parking lot.

Councilmember Scales mentioned he gets uncomfortable when getting involved in a company's lease and their negotiations with their "tenant." He was not sure why they would limit it to 150 because their current lease says 150. He said it was a smart business move by the theatre owner group, he was unsure why they would not put a clause in. He likes what the Planning Commission did.

Mayor Dietrich asked if the 5-year IUP expired in May.

Associate Planner Botten replied that was correct.

Mayor Dietrich questioned the lease termination being from July to July. It terminates July 31st.

Associate Planner Botten responded that she was unsure if that is re-evaluated yearly or 2 or 3 years. It is done by the separate entities. The city IUP expired in May.

Mayor Dietrich said if this is approved, she would like to see this go from May to May so there is no lapse.

Associate Planner Botten replied that could be recommended to the private entities. She noted on the recommendation of the resolution that there are a couple of blank spots for:

1. Number of parking spaces
2. Number of years

3. If the Council wants the timeline to start from the approval date of tonight (July 10) or backdate to May.

City Attorney Bridget McCauley Nason stated because the Council takes action this evening, if looking to extend it out for whatever period of time, it should be from tonight's date.

Councilmember T'Kach asked if the Interim Use has expired.

City Attorney McCauley Nason replied it terminated before tonight's Council meeting.

Councilmember T'Kach asked if the applicant could come back in five years for a renewal based on the fact this is a first renewal.

City Attorney McCauley Nason replied under the code an Interim Use Permit exists for a period of time and can be extended for one extension period. It does not say how long it can be. It says the applicant cannot come back after that date and request a new Interim Use Permit. The city would take the position that this is an extension of the existing Interim Use Permit; it is still a renewal. Once the term expires it would be the end. After that, there would need to be a change to the zoning ordinance in some capacity to make this a conditional use or modify the prohibitions on seeking an additional extension or a second application for an IEP. Those exist now and would preclude the applicant from coming back after this extension term.

Councilmember T'Kach stated this is an extension of the previous and not a new interim.

Councilmember Gliva said the number of parking spaces, 150 or 250, was not the issue for her. She is not convinced they should go for another five years because the city is working very hard on the EDA. She does not believe it is in the best interest from a city perspective. They are limiting themselves if adding five years. One year sounds short, but they have been working on this. She said she would be in favor of having an out before, such as a 90, 60, or 30-day, in the event something comes along development-wise so they would not have to delay or wait. She asked if there was the ability to see the lease. She questioned if they can require seeing anything like that.

City Attorney McCauley Nason replied there was nothing in the code she was aware of that would allow the ability to see the private lease agreement between the two parties. An interim use is something that is supposed to be valid and appropriate for this time, but not for long term. The Council would have to determine how long term they would lock up this property with this use.

Councilmember Gliva questioned if the city would have to wait if someone wants to develop in 8 months.

City Attorney McCauley Nason replied the city cannot dictate that. The property owner could as a part of the lease negotiations with AmericInn. They could have cancellation be a part of their lease agreement. Because there is an Interim Use Permit that allows the property to be used in a certain manner, does not mean you are required to. Even if the IEP were for a number of years, it does not preclude the underlying property owner from terminating the lease and doing something else with the property that is allowed under the code.

Councilmember Scales said he struggles when getting in between a private business negotiation with their tenant and the city is talking about development. He said they cannot force; the owner is going to do what the owner is going to do. He believes it is in their best interest to develop their property. He does not believe a year is long enough to get the process going for a company of that size. They have other theatres. Giving them some time would be helpful for them to determine what they are going to do. He does not want to get in the middle of a private businesses lease with their tenants.

Councilmember T'Kach asked Councilmember Scales if he would be open to a 2- or 3-year situation. She does not care about the number of cars. If it is a business opportunity for AmericInn to help their

business while the city figures out what is going on, it also helps the theatre. She agrees 5 years is a long time. She asked if staff had objections to 2 or 3 years.

Associate Planner Botten replied there are no objections to the timeframe.

Councilmember T'Kach said one year is difficult but there could be 2-3 years. There are issues about safety and security that have not been addressed. She said the Council needs to think about how much longer they want that issue to go on. As the area develops and/or if people are feeling unsafe, the business will not thrive anyway. It could cost the police department more time and money.

Councilmember Murphy said he would not consider 10 years temporary. He agrees one year is tough to do a turnaround. He said he has not heard from residents on this topic but has heard from plenty about getting more businesses in town. The 150 or 250 spaces did not make a difference to him. He said he was not sure he could support something more than 2 years.

Julie Mannion, 5861 Blaine Avenue, Neyaz Hasan, 5861 Blaine Avenue, AmericInn.

Mr. Hasan stated this is a one-time renewal for them. The parking lot is key to their business. Any changes they make towards it for the future is a multiyear investment. If having to do something different, they need time to plan, invest, and think about alternatives. They are a business now.

Ms. Mannion added as General Manager of the hotel, the park, sleep, and fly/ride accounts for 80-90% of their daily business. For example, if after one year the permit ends and they do not have another place to park guests, they would lose that much business. Because this is park and fly, a majority of guests come in from out of state. They are directed to local places to spend their time within the city.

Mayor Dietrich asked if there is a clause in the contract stating it could be broken in 30 or 60 days.

Mr. Hasan replied he did not believe so. It could be an annual review.

Councilmember Murphy asked if there were enough parking spots for guests at the hotel.

Ms. Mannion replied guests staying at the hotel use the hotel lot. Guests using park and fly must park off site because there is no space for 250 cars. Their cars could be parked there from 5 days to 3 weeks.

Councilmember Murphy asked if park and fly was always a part of their business model.

Both responded yes.

Mr. Hasan replied if flying out, you would park, stay the night at the hotel to catch the flight, or vice versa. It is packaged in a way that includes so many nights of parking and a night at the hotel.

Councilmember Murphy asked if there was an agreement with someone else before the theatre.

Mr. Hasan replied it was just with the theatre.

Ms. Mannion responded the theatre was there first, then the hotel started with park and fly.

Mayor Dietrich asked if the Community Development Director has seen the contract or knows of a clause about termination.

Community Development Director Rand replied she has not seen a contract. She said the AMC real estate division has indicated it is something they are considering going forward with. She mentioned that Lee Krueger and herself have offered some options for development of that area. She agreed other AMC locations have converted their surplus parking and are thinking it is time to focus on Inver Grove Heights and what that might be. It could take 1, 2, or 3 years. Given the location to 494 and easy access off 52 it would make sense. Planning staff may know when AmericInn opened their doors; AMC has been there much longer. She said the hotel did not count on the park and fly forever, something changed five years ago where they became more reliant on it. She was unsure if they could shift back. At one point she was told they were looking for other locations.

Mayor Dietrich asked if the park and fly model brings tax base.

Community Development Director Rand replied other than general parking, it does not generate a lot of revenue. A building would generate a lot more property tax and job creation. Mayor Dietrich stated they are probably at a net negative regarding public safety.

Councilmember T'Kach mentioned the city has a one only renewal on Interim Use Permits. Other cities have different renewal options. She commented that the ordinance could be something to look at adjusting to allow two or more renewals for a certain number of years. She asked if that would be an option.

Associate Planner Botten replied if wanting to amend the zoning code to change the Interim Use Permit section to allow for more than one extension is an avenue the Council could go down. The applicants could ask to amend the zoning code from a one-time extension to allow two times or unlimited.

Councilmember T'Kach said she was not suggesting the Council or staff tackle that. She wanted people to understand this could be an option down the road.

Motion by Murphy, second by Scales, for a 2-year extension for 250 spaces.

Ayes: 3

Nays: 2 (Dietrich, Gliva) Motion fails.

City Attorney McCauley Nason stated the item requires a 4/5 vote; this item does not pass.

By the motion not passing it is a denial. She asked the Council if they would like to make a different motion, or she would need to ask those voting against the IEP to state the reasons why. Those written findings of fact and reasons for denial would be approved by the Council at the next meeting. Options for the Council are:

- Make a different motion
- Reconsider this motion
- Provide information about the reasons for denial

Motion by T'Kach for a 2-year extension for 150 parking spaces.

City Attorney McCauley Nason stated if one of the individuals who voted no wanted to make a motion to reconsider, it would be a motion to reconsider. Reconsidering gets the original motion back on the table and the Council could engage in motion practice to amend the motion. The original motion was for 2-years with 250 spots. That motion and second would be on the table for further discussion before someone could make a motion to amend that motion to whatever the Council reaches consensus on.

Motion by Gliva, second by Murphy, to reconsider the original motion of 2-years with 250 spots.

Ayes: 5

Nays: 0 Motion carried.

Motion by Gliva for 1-year and 250 parking spaces.

City Attorney McCauley Nason clarified stating it was a motion to amend the motion on the table to change the term from 2 years to 1 year and change the number of spots from 250 to 150.

Councilmember Gliva agreed.

Councilmember T'Kach asked if this motion fails if it goes back to the other motion and the Interim Use Permit is rejected.

City Attorney McCauley Nason replied if this motion fails a second time, this item would be deemed denied based on a failure to obtain 4/5 vote. She would ask those that voted in the negative to state their reasons for denial. There would be a written findings of fact that would be brought back to the Council for approval because that is required by statute.

Councilmember Scales questioned if voting and getting a second on this motion and it fails, there is no going back and relooking/reopening again, or if it becomes a denial and they would need to move their cars somewhere else.

City Attorney McCauley Nason replied she was not aware that they cannot make more than one motion to reconsider. If this motion fails, there could be another motion to reconsider. If the current motion fails for lack of a second, the original motion is still on the table for 2 years, 250 spots. This is the amendment to the original motion.

Motion by Gliva, second by Dietrich, to amend 2 years to 1 year and 250 parking spaces.

Councilmember T'Kach said she was really concerned about the impact on these business owners in 1 year. There is a lot of planning to be done to figure out financials on a budget. She would like the Council to look at some kind of compromise. The original motion was for 250 spaces, she would be fine with 150 spaces.

Councilmember Gliva mentioned this has been 5 years, there was going to be an end. She would be shocked if anyone thought it was a surprise. She understands it takes time to get developers and development, they have to start somewhere. She does not want to just add on an extra year.

Councilmember Scales said he thinks it is a surprise because they knew they had the chance to come back for a second. With the first request being for 5-years they assumed another 5 years, not that the Council has to give it. He believes 1 year is a surprise to the applicants; 2 years seems like a reasonable amount. He did not believe they could get anything on that lot in 1 year. The owner would have to be forced to do something with the lot, the city cannot force them to do it, they would do what is in their best interest. The timing will be based on what the business owner wants to do with it, not the city. He does not believe 1 year is enough, 2-years is a compromise.

Mayor Dietrich stated it is important to note that Community Development Director Rand did see an email. Since the other party was not in attendance to represent themselves, they had indicated they are looking at putting in a clause which would almost put the park and fly on a month to month. To note, they are not really interfering with that, a 1-year extension would be more than 30 days.

Councilmember Murphy said he is not comfortable with more than 2 years. He does not want it to fail a second time and then the business does not get an extension. He does not want to create a revenue stream for the hotel that may not put this at the top of their list of opportunities for a new business. He said he agrees with Councilmember Gliva that you do not just assume it is going to happen.

City Attorney McCauley Nason clarified for the record that this is a motion to amend the original motion which is back on the table following the motion to reconsider. It is a motion to amend the resolution approving the IUP for a 1-year term with 150 parking spots. If this motion fails, the Council would still have to vote on the original motion. If the motion passes, the Council would still have to vote on the original motions. There are at least two votes ahead.

Councilmember T’Kach asked if the second could be withdrawn with the motion on the table according to Roberts Rules and another motion could be considered.

City Attorney McCauley Nason responded it could be withdrawn; another motion could be made.

Councilmember Murphy asked if they were voting on 1 year with 150 spaces.

Councilmember Gliva mentioned she had said 1 year 250 spaces.

City Attorney McCauley Nason said she had misheard and had 150.

Councilmember Murphy questioned if this fails.

City Attorney McCauley Nason replied the Council would vote on 2 years with 250 spaces. If this passes, the Council would still have to vote on the actual item itself. This vote determines if they are voting on 1 year with 250 spaces or 2 years with 250 spaces. This is an amendment to the motion on the floor. A yes vote is to amend the original motion on the table to an approval of an Interim Use Permit for a period of 1 year for 250 vehicles.

Ayes: 3

Nays: 2 (Scales, T’Kach) Motion carried.

City Attorney McCauley Nason stated the motion passed because it is a motion to amend, not the original motion. A supermajority is not needed. This is a yes vote on the amendment. The Council needs to take final action on the motion to approve the Interim Use Permit for 1 year at 250 spots. This requires a 4/5 vote. It is a substantive motion not a procedural motion.

Councilmember Scales said this motion is to approve what was just approved. 250 spots for 1 year.

City Attorney McCauley Nason agreed.

Councilmember Scales said if voting yes, it would be 250 spots for 1 year.

City Attorney McCauley Nason agreed it would be 250 spots for 1 year. If voting no, no Interim Use Permit is approved. She would ask those on the prevailing side (the “no” side) what their reasons are for voting no so she can make written findings of fact.

Councilmember Scales asked if they would not be able to reopen or amend it again.

City Attorney McCauley Nason replied the Council could still go back and do a motion to reconsider again.

Councilmember Murphy asked if they were not at 2 years with 250 parking spaces and why it went away.

Mayor Dietrich replied because they did not get a supermajority.

Councilmember Murphy said it was brought back as 1 year, which was the amendment that passed.

City Attorney McCauley Nason replied that was correct.

City Attorney McCauley Nason stated the motion on the table has been successfully amended. There is an amended motion on the table. The Council would need to have further discussion and then vote.

Ayes: 3

Nays: 2 (T’Kach, Scales) Motion fails.

City Attorney McCauley Nason said the motion fails. She asked if the Council wanted to pursue another motion to reconsider. If not, she would need those voting no to state the reasons why.

Councilmember Scales asked if anyone could make the motion now and if they were back to the original.

City Attorney McCauley Nason replied it could be someone from the previous vote who voted no. Councilmember Scales questioned if he could make a motion for 2 years at 250 spots again.

City Attorney McCauley Nason replied the first vote would be a motion to reconsider, to get it back on the table. If the motion to reconsider fails, the conversation is done.

Motion by Scales, second by T’Kach, to reconsider 1 year with 250 spots.

Ayes: 5

Nays: 0 Motion carried.

City Attorney McCauley Nason stated there has been a motion to reconsider. The original motion is back on the table to approve the Interim Use Permit for a period of 1-year with 250 spots.

Motion by Scales, second by T’Kach, to amend for 2 years with 250 parking spaces.

Ayes: 3

Nays: 2 (Dietrich, Gliva) Motion fails.

City Attorney McCauley Nason stated the motion that failed was the motion to amend. The original motion is still on the table for 1 year with 250 spots. The motion to reconsider was approved. The original motion for 1 year with 250 spots is back on the table. There is a motion to amend that failed. This means there is still a motion on the table that the Council would still need to vote on. It is to approve the IUP for 1 year with 250 spots.

Councilmember T’Kach asked if the motion on the table could be amended if amenable to the one that made the motion and the one who seconded, to have 2 years and 150 spaces.

Associate Planner Botten recommended having a compromise at 18 months.

City Attorney McCauley Nason stated there is currently a motion on the table for 1 year with 250 spots. Someone would have to make a motion to amend that motion to have the motion be to approve the IUP for a period of 18 months and 250 spots.

Motion by Murphy, second by Scales, to amend 18 months with 250 parking spaces.

Ayes: 5

Nays: 0 Motion carried.

City Attorney McCauley Nason stated there is a motion on the table to approve the Interim Use Permit for a period of 18 months for 250 spots.

Associate Planner Botten stated the applicant wanted her to point out that 18 months brings them to winter; they would be more willing to make a compromise to go down to 150 spaces and 2 years, so they have an extra construction season. They would be losing out on an additional construction season if looking at a different location to move the park and ride.

Ayes: 4

Nays: 1 (T’Kach) Motion carried.

D. Discussion of City Code Update to the Accessory Structure Requirements

Associate Planner Botten presented an ordinance amendment to the accessory structure section of the code for discussion and direction. She shared that over the last few months there have been three different variances regarding accessory structure size. Staff is looking to amend:

- Allowing an increase to the size of an accessory building on lots greater than five acres, in the Ag and E-1 Zoning District.
- Allowing properties that do not have an attached garage be allowed to have an additional detached structure or one additional detached accessory structure.

Accessory Structure Size Increase for Lots Greater than 5 Acres:

Current language states:

- If zoned Ag or E-1, allowed up to 2,400 gross square feet. The maximum number is two (2). For example, could have one at 1,400 and one at 1,000.
- Current code has two different ways of determining size for accessory structures:
 - Ratio method: (Just approved in the last couple of years) for lots of 3.4 to 5 acres in size.
 - Range method: Lots less than 3.4 acres or greater than 5 acres.
 - If less than 2.5 acres, allowed 1,000 gross square feet.
 - If lot size is 2.5 to 3.3 acres, allowed 1,600 gross square feet.

Points of Discussion for Lots Greater Than 5 Acres:

- Do they want to have a cap; should they still have the maximum size.
- Having a cap would deter home businesses that may pop up in accessory structures that are not allowed by the Home Occupation Ordinance.
- If currently having 10 acres of property, could have a very large accessory structure.
 - There is the potential for the lot to be subdivided.
 - There could be two 5-acre lots with a 10,000 square foot structure on one of them.
 - Would the city prohibit that new lot from having an additional accessory structure or would they be allowed to have the large ones grandfathered in and the vacant (new) lot, could have its own maximum size accessory building.
- What method of determining square footage is the most appropriate/preferred for large lot residential accessory buildings.
 - Ratio: Used by taking 480 square feet multiplied by lot size
 - Range: Lots 5-9.99 acres are allowed certain square feet
Lots 10+ acres are allowed certain square feet

She shared that the variances staff/Council have reviewed over the past couple of months were around the 5-acre lot size. Requests ranged for a 4,050 square foot structure down to 2,598 square feet. The largest was 5.39 acres. So far this year staff has not seen a request for a 10-acre lot size.

Residential Lots without an Attached Garage:

- At a disadvantage if not having an attached garage. Would be allowed the same number of detached dwellings as a person who has an attached garage.

When reviewing other city ordinances, several cities have language or provisions. For example:

- Lakeville: There should not be more than one (1) detached accessory building on the lot in addition to one (1) attached or detached garage.

This is another part of the ordinance staff feels should be looked at and reviewed.

Another part of the code that was not addressed in the staff report but has been brought up/other sections of the accessory structure code to consider amending:

- There is an exemption part of the city code. A structure 120 square feet or less is exempt from the number of accessory buildings on a property.
 - Typically, not seen by Council because it would not require a variance.
 - Looking at other city ordinances, it is a somewhat unique part of the code.
 - Most cities count a structure of any size as the number towards the total allowed.

She was unsure where that part of the code stems from historically. She asked if Council would still want to keep that exemption in the code or start counting the smaller garden sheds toward the total number allowed. She said it was possible the Council could see, as long as it meets setbacks and impervious surface requirements, 10-120 square foot sheds on a property. There is no maximum amount.

- Look at the maximum number of accessory structures allowed.
 - Some cities, instead of having a maximum number of structures, look at a maximum number of square feet. Gross square footage.

Staff is looking for guidance before bringing this through the public process.

Councilmember Scales shared that there are a lot of older homes without attached garages. His house was one of them which got him involved in the process of understanding what is allowed and what is not. He does not like the idea of penalizing someone because their home was not built with an attached garage. He said he does not want someone to be able to turn their garage into living space and then say they do not have an attached garage. Code fixes this problem by stating it cannot be requested by the homeowner, leaving the next homeowner the option/benefit. He suggested leaving that point included. Attached garages with an average 2 car are about 575 square feet, the average 3 car is about 870 square feet. Those without an attached garage should have the ability to get more square footage. He was unsure if that would be a 2 or 3 car garage or a combination of both, he thought of 750. His thought was if not having an attached garage they could have a detached garage; instead of being limited to 1,400, it could be 2,150 or another number. Regarding size, he said he gets nervous with the ratio of someone coming in with 60 acres. He likes the range better. He felt the city was a little light on larger lots with 2,400 on 6 acres. He suggested 3,200 to 3,500. He said in the past the Planning Commission has used the practical difficulty of not having an attached garage. When having to use the practical difficulty of not having an attached garage, they should do something with the ordinance.

Councilmember Murphy said he preferred the range method; it saves staff time and makes it easier on residents. He likes what Lakeville does. He asked if there was any downside to the total combined attached/detached.

Associate Planner Botten replied she has not done a lot of research on it. It is a newer concept she has noticed in other ordinances. It is an interesting way to consider what is allowed on a property.

Councilmember Murphy questioned if that was something the Council wanted to explore. He suggested addressing the detached garage and the unlimited amount of 120 square feet.

Councilmember T'Kach asked Councilmember Scales why he would not agree with someone who invests in their home, remodels their detached garage, connects it to their house, and turns it into living space. To allow them to build a garage if they already have a 250 square foot detached accessory structure.

Councilmember Scales replied if changing the property to get the next thing wanted, and then changing that and getting the next thing, he believes it could be used as not just a garage, there's probably other areas in Code that could get them in trouble. The practical difficulty cannot be due to the homeowner's actions. If changing for one, it could open up a lot of them.

Associate Planner Botten said if there was not an attached garage, they could have up to two detached buildings. This would be a permitted use by code as long as they comply with setbacks, maximum size, and other requirements. It would be an allowed permitted use to convert the attached garage. She was unsure there would be a way to regulate.

Councilmember Scales said they have used topography as a practical difficulty. If using a bulldozer, moving land around, then coming in and saying they cannot build there because of a hole, something was created. He said it was open to a lot of abuse which concerns him.

Associate Planner Botten agreed. If keeping the ordinance as it is, that is when you cannot have the homeowner remodel their attached garage and then come in for the variance. The original homeowner cannot create it. If allowed to have two detached buildings by code if there is not an attached one, they may see some of those renovations for attached buildings, especially in the older part of the city. She said if looking at a building permit and it complies with setbacks, size requirements, and impervious surface, she would approve it from a zoning standpoint. She was unsure how she could tell someone no, they have remodeled, now they cannot do this sort of thing. If there were concerns, she suggests making sure the language is clear.

Councilmember T'Kach said she was concerned because this was not on their agenda for the year. There is other work to do that they said they were going to do. She was unsure how much time staff would have to spend on this. There is a lot for the Council to think about in terms of consequences.

Councilmember Scales mentioned this topic has been on the agenda for the last 10-20 years. It has been touched every 2-3 years, but never cleaned up.

Councilmember T'Kach said this was not on this year's work plan.

Mayor Dietrich stated at the retreat the Council agreed they would work on cleaning up codes, which is what Associate Planner Botten is attempting to do.

Councilmember Scales said they spend a lot of time looking at variances, this is the biggest one he knows the Planning Commission sees.

Councilmember T'Kach said the last 3 were people who said they "didn't know they needed a permit", did not know "they needed to be a certain size" and "thought they were grandfathered in". She said whatever the Council does, people will still be coming in saying they had no idea they needed a permit or was unaware of the size.

Councilmember Scales replied they cannot educate everyone if they are not willing to do the research prior. The Council can cut down on the amount of work city staff has to do.

Councilmember T'Kach said the Council needs to be very careful about this. She suggested having further discussion during a work session. She said she would ask staff to take them through several scenarios because when staff goes through all the work and recommends denial, this Council tends to approve it.

Councilmember Scales replied city staff has to recommend denial, it is against the code. The Planning Commission denies because their purview is much smaller. By the time it gets to Council they become creative with practical difficulties. He said the Council creates ordinances in the city that force the city to have to say no. He would prefer to have that taken care of at the city and Planning Commission, so nobody has to be flexible; the Council doesn't have to be flexible or find a practical difficulty.

Commissioner Murphy agreed. He said cleaning up code was on the Council to do list for the year. This is exactly that.

Mayor Dietrich suggested keeping the conversation about discussion of the city code to update accessory structure requirements and to give staff guidance in that direction. She is in favor of the range formula. She suggested cleaning up the section regarding the small buildings that could be permitted at 120 square feet. She asked if there was other direction needed for this item.

Associate Planner Botten replied specifically for size:

- If the Council would like it for 5-10. It currently starts at 5 acres with 2,400 square feet.
- If the Council was looking at anything over 5 acres.
- If 7.5 acres would be the next level.

- She questioned what the range would be, what the maximum size was. For example:
 - 3,200 to 3,500
 - 3,000 square feet
 - If at 7.5 acres, allowed 4,000 square feet
 - If more than 10 acres, would they allow the greater size

She noted that two requests this year were asking for approximately 4,000 square feet at roughly 5 acres. She said she hears that may be a little too large for what the city wants to see. She asked what the cutoff would be.

Councilmember Murphy asked if staff liked the range method. He questioned if it contradicts what Lakeville does using square footage.

Associate Planner Botten replied she did not believe they contradicted each other. If looking at a maximum gross square footage for the entire property, including an attached and detached structure, staff may want to bring this back as a work session item so further research can be done on other cities to see how those are calculated.

Councilmember Murphy questioned if they could say the total amount a person could have.

Associate Planner Botten replied that was another route staff could take. She said someone just asked today about a 4,000 square foot attached structure to their existing garage. Looking at a maximum amount for the entire property could be another option.

Mayor Dietrich asked staff to also check into other things the Council may encounter.

Associate Planner Botten stated it may be worthwhile to bring this back before a work session this year and then early next year as a public hearing.

Councilmember T'Kach asked if this would be applied anywhere else. She said impervious surface has already been determined on any lot.

Associate Planner Botten responded that all urban lots no matter of size, allow 1,000 square feet of detached structure. Impervious surface and setbacks could dictate that to be a little smaller. Currently, more variances have been on rural lots, Ag., and E-1.

Councilmember T'Kach requested scenarios on 5, 7.5, and 10 acres. She questioned if someone had 5 acres and picks up another 2.5 acres, where that would put them.

Councilmember Gliva said the detached garage portion needs help. She said the point was made that everything cannot be ratioed up to 30 acres. She felt a maximum was needed. She said she did not feel the Council saw many variances up to 5 acres.

Associate Planner Botten replied that staff was seeing them and then the ordinance was amended for 3-5-acre requests wanting more than 1,600.

Councilmember Gliva suggested looking at 5-10 acres. She questioned if there was more burden and recordkeeping on staff when a request comes in and if staff has to go and check what else the person has on the property. Or if coming in and it fits the lot works better.

Associate Planner Botten replied it would be a lot more work for staff to have combined square footages. An aerial photo is currently referenced to determine detached accessory structure sizing. With attached structures, there can be interesting roof lines and how the houses are situated. Then they rely on Dakota County permit information or city building permit information.

Councilmember Gliva said it sounded great in concept but would really have to be updated on recordkeeping to manage.

Associate Planner Botten replied it could be fine for new homes and permits going forward. It could be a challenge for existing housing stock. Staff could do it; it would be more work up front.

Councilmember Scales said he did not mind the city doing the work, it could create a mess for residents. He believes time needs to be spent making it simpler. He likes the ranges of up to 2.5, 2.5 to 5, 2.5 to 7, 7.5 to 10, and anything over 10 would have to have a limit.

Councilmember Murphy requested clarification on what required a lot of staff work.

Associate Planner Botten responded that looking at the combined square footage for attached and detached structures.

Councilmember T'Kach asked if detached includes things without flooring.

Associate Planner Botten replied they are currently 120 square feet or less. 10x12 or smaller are exempt from the total number allowed. She said going forward they may want to have a cap. She said it could say each property is allowed one garden shed in addition to their accessory building.

Councilmember T'Kach asked how it would be if someone had a summer gazebo on their property, a detached garage, and a garden shed. She asked what direction people would think of that.

Associate Planner Botten replied she would not count that as an accessory structure. They could just have a gazebo on their property in addition to their accessory buildings, a playhouse, or treehouse. Those are not regulated.

Councilmember T'Kach asked if it were a second accessory structure as currently defined if a gazebo would be considered.

Associate Planner Botten replied she would have to look at the design. Some are gazebos with footings and insulated. Depending on size, are typically not larger than 120 square feet. She said she would have to discuss with the inspections department.

Councilmember T'Kach suggested looking at that along with the garden shed. She would like staff to explore this further for understanding.

Associate Planner Botten replied it is an accessory use.

Councilmember Scales said a gazebo does not count as an accessory structure.

Councilmember T'Kach replied that Associate Planner Botten said it depended on the design.

Councilmember Scales mentioned there were a lot of gazebos. He would be nervous starting to count those as accessory structures. He questioned if it was attached to the house or freestanding.

Councilmember T'Kach asked if it was attached to the accessory structure that was originally permitted.

Councilmember Scales was unsure that was something they would want to get into.

Councilmember T'Kach said she felt these were questions that would come up. People will find creative ways to get around the ordinance.

Councilmember Scales said there were a lot of variances coming before the city to fix that problem. He was concerned about fixing one and creating two problems, of which he was not sure was a problem.

Mayor Dietrich said that was not the goal this evening or when finalizing, to have the answers to every resident's question. Those questions are welcomed, that is how they work toward a solution. She would like to keep the focus on those they are hearing about and cleaning them up. She said she would like to leave the others alone for now.

Councilmember T'Kach mentioned that she was not interested in getting rid of people's gazebos.

Associate Planner Botten summarized what the Council was requesting:

- Over 10 acres having a maximum.
- 3,200 to 3,500 square foot range. There would be a cap of around 4,000 when at 10 acres.

Councilmember T’Kach asked how many lots there were in the different acreages.

Associate Planner Botten replied the ordinance amendment would affect 275 parcels outside of the northwest area. Those inside the northwest area are areas that could potentially be subdivided. Some of those agricultural lots are owned by the college, Macalester, and Flint Hills.

Councilmember T’Kach asked if Macalester College wanted to build a new second or third education center, if that would be allowed under what the Council is thinking about, or if there was a way to allow.

Associate Planner Botten replied they were likely in a separate category. It could be a conditional use for expansion of their school facilities.

Councilmember T’Kach asked if they were institutional.

Associate Planner Botten replied some of their parcels would be, some are zoned Ag.

Associate Planner Botten continued with a summary of the Council’s request:

- Acreage: 5-7.5 acres, 7.5 to 10, and then 10+.

Mayor Dietrich said if this goes to a work session, she did not want to push it off too far. She would still like to get this in, there is half a year left.

Associate Planner Botten mentioned if not basing this on total size for the entire property but looking at the range, she thought staff may be able to bring it to a public hearing and not to a work session. She asked if the Council would still want to bring it to a work session first.

Councilmember T’Kach replied she would like to see options, especially in proportion to the building. For example, what these would start to look like if there was a 2,000 or 4,000 square foot house.

Mayor Dietrich stated she was fine with a public hearing.

Councilmembers Murphy and Scales were fine with the public hearing.

Councilmember T’Kach suggested putting this in Insights so the public is aware the Council is looking to make a change.

Associate Planner Botten stated it would be a longer process if the Council wanted an engagement process such as a community survey.

Mayor Dietrich stated her vote is to go to a public hearing.

Associate Planner Botten stated the public hearing process is put on the website, Facebook pages, and newspaper.

Associate Planner Botten asked if the Council wanted a work session first or a public hearing.

All with exception to Councilmember T’Kach, suggested having a public hearing.

Councilmember Scales said this has been something they have been working on in the city for 20 years. Each year, they have cleaned up part of it. As a result of the cleanup done in a certain area, they do not see as many variances. This cleans up one area. It can always be opened back up for discussion.

E. Discussion of City Code Provisions Related to Shipping/Cargo Containers

City Planner Allan Hunting stated this item came about when the Council recently approved a variance to Jersey’s Bar for a temporary/auxiliary bar on their site using a modified shipping container. At that time Council suggested looking into shipping/cargo containers as a potential use for other businesses and if it was a good idea or not.

Staff did research on other cities and out of state regulations because they were not finding much locally in surrounding city codes.

Mayor Dietrich asked for background on the recent request and how many sides of that shipping container had to be sided.

City Planner Hunting replied it must comply with current exterior siding requirements. All four sides need to have something such as a maximum of 30% for each wall.

Mayor Dietrich asked if some of it could still be corrugated steel.

City Planner Hunting responded yes.

City Planner Hunting provided the following background:

- These containers typically go by the term "shipping" or "cargo" containers. They are used/designed for shipping by rail or boat. They do not include larger rail cars, recreational vehicles, bus bodies, a semi-trailer, or similar prefabricated items.
- A typical shipping container is 20 feet long, 8 feet high, 8 feet wide, corrugated metal siding, and doors on one side.
- Containers are then converted. Doors and/or windows are cut and used for other uses.

Questions for discussion:

- Was the intent to allow these city wide or focusing on certain areas.
 - These have a railroad theme, should they be focused in areas such as the railroad tracks along Concord, marinas, and Heritage Village Park.
- What would be the range of uses.
 - One was approved to be used for an auxiliary bar. There is an existing principal structure with the bar/restaurant on site. This would be a seasonal bar.
 - Would not be allowed for residential uses or storage.
 - Should they be used for some kind of commercial purpose. Like bar/restaurant, food service, other retail type uses.
- Used as the principle building or tied back to an accessory.
 - Should they have a regular building on the lot that meets standard requirements but allow the use of one of these smaller accessories.
 - Serves a purpose for the use. Can be used seasonally. Would not have to build an entire other structure that may not be used during the winter.

Common performance standards among entities that allowed:

- 20 feet long, 8 feet high, 8 feet in width.
- Building permit required.
- Should be on a hard surface, not grass, concrete, asphalt, or gravel pad.
- Used down by the river/flood plain, should still comply with all floodplain requirements.
- Apply with all applicable setbacks.
- Not allowed to be used as dwelling units.
- Not allowed to be stacked.
- Not to be used solely for storage of materials.
- Allow them to be the metal ribbed siding without any change to the exterior, should have to be painted or wrapped to cover the numbers on the doors. Some type of color or repainted to be consistent with the business.
- Be structurally sound in a safe manner (reviewed during the building permit process).

Action requested:

- Staff is looking for guidance from the Council on:
 - Whether staff should look into an ordinance to allow.
 - If this should be city wide or focused on a certain area of the city.

- Type of uses. Accessory to another principle building on the site, if someone has a vacant lot, or operating their business out of.

Councilmember T'Kach said it should be for commercial and business purposes, not residential. That could be a separate housing issue. She asked how much time it would take staff to look into this. She said this was not on the agenda for this year. She asked what the takeaway was and what would come off staffs work plan.

City Planner Hunting replied that he did not believe this would be a long, time-consuming ordinance. There are performance standards. If the Council agrees with the use, principle or accessory, and setbacks, the other discussion would be if this would be allowed city wide or to a geographic area. He said he has ideas on that if it was the Council's direction.

Councilmember T'Kach said if someone wanted to use one of these on a property to put a coffee shop in, they would need to put water in. She questioned if they need to have a restroom.

City Planner Hunting replied that is why a building permit would have to be required. They would have to comply with all regular building code standards.

Councilmember T'Kach said if there was not another structure, the investment could be large, depending on how it was being used. She asked if it was under ADA or fire suppression.

City Planner Hunting replied staff would need to check with inspections about using it as a principal structure versus an accessory. In reference to Jersey's, because there is a principal structure there, they do not need to comply with those. In response to ADA or fire, those apply regardless of accessory or principle. It is categorized by use and whatever the appropriate fire, building, or health codes would be.

Councilmember Scales said he likes them as secondary structures, not primary structures. He does not like geographical. They had that problem with bowhunting in the city. He suggested types of use. He asked if there was wording that would help.

Councilmember Murphy said the performance standards need to be strict. He said he was not initially in support. He has seen what has happened so far. The key is not being a primary structure and that it matches/fits in to the property it is a part of. He said they look a certain way when closed up, open for business they look completely different.

Councilmember Gliva agrees with both Councilmember Scales and Murphy. She said she was struggling because she thinks of the area on Concord as fitting. She questioned where there would be another fit. For example, the parking lot of the AMC Theatre. She agreed it should not be a principal structure and should be tied to something. She said it could fit at Gertens as they may have that type of need. She was unsure of geography but could be open.

Councilmember T'Kach asked about matching paint. If wanting to be creative with painting, or even putting one in the park because it could be another use. She said she would not want to regulate what color it is, if it matches, or if it does not. She agreed to not look at geography. This was based on public input. She questioned rural areas. She said there was commercial and industrial land. It could be unique to a truck stop or pop-up shop at a truck shop.

City Planner Hunting said if not limiting to a geographic area, they would have to address all the different zoning districts: commercial, from B-2, B-3, B-4, commercial retail and if wanting to include them in industrial districts. These are not commercial oriented and could not have a pop-up shop as they are not consistent with allowed uses. If going citywide, the Council would have to think about how to tie in the type of uses.

Councilmember T'Kach suggested by existing land use.

City Planner Hunting replied it would fall under what would be allowed, into the use matrix and the code. The building could only be used for what is allowed in the zoning district.

Councilmember T'Kach said if used as a coffee shop it would only be allowed in zoning that allows coffee shops.

City Planner Hunting agreed. I-1 or I-2 would not allow for a coffee shop.

Mayor Dietrich agreed that they need to be strict on those with compliance. She agrees it needs to be a secondary structure. She said the containers she has seen placed throughout the city are a code compliance issue. If people want to decorate them outside of what their primary structure looks like, she does not want to leave this open. She said it would probably need to be sided like they did with the business owner on Concord. She asked about the 30% of corrugated steel that could show on all sides.

City Planner Hunting responded that is the standard code. The ordinance does not have any restrictions on colors of a building or painting. You cannot paint your business signage on a building. Someone could paint flowers on it or get a vinyl wrap. With a shipping container with the corrugated vertical metal siding, he questioned if the Council wanted to allow that, or how it should be structured so it is not placed all chipped up, dented, or has another business name on it. He thought they may want to make it something that is more aesthetically pleasing. It could still be personalized, but Council would have the discretion to keep it looking professional.

Mayor Dietrich agreed with having it painted the same as the primary structure. If not wanting to do that, they could side it. That could leave it open for their creativity. It could be sided with the materials that were approved for the business on Concord.

Councilmember Murphy said they could paint the siding or the portion that is vertical corrugated. He agrees with this.

City Planner Hunting asked the Council if staff should prepare something to take through the public hearing process or if the Council wanted further information before them.

Mayor Dietrich said unless Acting City Administrator Amy Hove has the direction City Administrator Kris Wilson suggested regarding this, they should probably wait to have the City Administrator weigh in.

Acting City Administrator Amy Hove responded they could wait.

F. Sustainability Recognition Program

Environmental Specialist Ally Sutherland stated she is also the staff liaison for the Environmental Commission. She presented on the Proposed Sustainability Recognition Program:

2023 EAC Work Plan:

- Was reviewed and approved by the City Council in February, 2023.
- 5 different items in the work plan focused on the duties of the Environmental Advisory Commission such as raising awareness and understanding of environmental topics within the city.
- One of those items was the Sustainability Recognition Program for residents and businesses.
 - The Environmental Specialist and the Environmental Advisory Commission have worked on this together. Two meetings were held.
 - Looking for feedback from the City Council.

Sustainability Defined:

- Seeking to balance environmental, social, and economic needs and priorities as well as conserving natural and financial resources of the present without compromising the needs of future generations. This looks at conserving resources today and for future generations.
- Different sectors embrace sustainability:
 - Private and Public sectors.
 - Businesses approach it from a profitability standpoint of conserving resources.
 - Governments look at it from an environmental standpoint.
 - Trying to develop a similar plan so the outcomes come out similar. Residents may look at this differently than a business. Trying to come to a consensus/conclusion in terms of sustainable outcomes.
- Balance of the "Three E's," the priorities of sustainability:
 - Environment (Planet) conserving natural resources
 - Economy (Profit) promotes economic viability
 - Equity (People) promotes social justice and wellbeing
 - Actions listed in the application are referred to as sustainable actions. Trying to bridge all three pillars.

Research was done on a variety of different community recognition programs. Programs are meant to recognize any community member, resident, or business. Draft parameters were gathered based off other programs researched. Program Purpose:

- Raise awareness of recommended environmental or sustainability actions.
- Recognize businesses and residents for taking action.
- Share success stories and learning experiences with others (sharing network to teach and inspire others).
- Fostering sustainability and environmental friendliness as a community norm for the city.

Example: City of Burnsville

- Have two recognition programs:
 - Related to stormwater. They have a grant related to this.
 - Community recognition program for community organizations.

Example: Coon Rapids

- Specific to businesses. Community Sustainability Recognition Program.
 - Implemented organics, trash, and recycling collections.

Example: Rochester

- Green Business Recognition Program.
 - Social media engagement, helping to promote the business.
- Postcards were sent out to different businesses to encourage participation.
 - Included a QR Code.
 - Three different logos, awards that they are presenting.

Example: Red Wing

- Recognition Program for Residents
 - A lot of social media engagement

Next Steps:

- May and June 2023: Working with the Environmental Advisory Commission, city staff, city departments, Chamber of Commerce, Dakota County, and Xcel Energy Partners in Energy
- July 10th, 2023: City Council review and feedback
- July 24th, 2023: City Council Consent Agenda approval
- Spring 2024: First year of the program
 - A lot of time between now and then to work with communications on branding.

Draft Program Parameters based off other communities and our city's purpose:

- Program name: Sustainable IGH

- Eligible recipients: Residents, businesses, organizations that own or rent property in IGH
- Recognition award process: March/April an announcement is made that applications are open. This coincides with the Insights newsletter publishing date of early April.
 - Promote on social media and Insights
 - Earth Day is April 22nd. This would be the deadline to apply
 - Host the recognition in June, during the last City Council meeting. Those recognized would be invited to this meeting.
- Eligible Recognition:
 - Bronze (5 required actions)
 - Silver (+5 actions)
 - Gold (+10 actions)
- Recognition Awards: Considering low cost/sustainable. There is no current budget. To note: Xcel Energy Partners in Energy facilitators and the MOU (Memorandum of Understanding) has a \$2,000 printing budget. This can be utilized.
 - Printed certificate
 - Printed window poster
 - Dated digital award. For social media or a business website
 - City wall. Poster Board at City Hall and/or VMCC recognizing awardees
 - Recognition
 - Donation from program sponsor for gold awardees
 - Partner with a local business to sponsor the program. Promote the sponsor. They could donate sustainable prizes for the awardees.
 - One option: Partnering with a local nursery. They could be promoted as the program sponsor and could possibly donate local tree saplings to a select number of awardees (gold).

Draft Application:

- After speaking with the communications staff, it was determined that the online survey form could potentially be used for the application. This allows to build in logic.
- Best Practice examples:
 - Energy
 - Landscape/Water
 - Waste
 - Social
- Application requires the business/individual to self-report their completed actions.
 - Select which actions they have completed
 - Certify that the action was completed
 - Submit a description of what was done, cost saving measures, environmental benefits, social benefits, share stories
 - Pictures
- Process to ensure the awardees do not have any known violations

She stated she was looking for Council feedback and questions. Feedback received tonight will go onto the Council Consent Agenda.

Councilmember Murphy said it was very thorough and looks wonderful. He asked what the violations would be.

Environmental Specialist Sutherland responded that has not been determined yet. It was brought up by Dakota County because they have a Waste Regulation Unit. For example, they do not want a business or resident with a known trash or recycling compliance violation to receive a sustainable recognition award.

Councilmember T’Kach said it was thorough and looks good. She liked the idea of documented outcomes. Integrating more documentation into it would give the program more cache and shows it means something. She would like to see more of that built in. She asked that the requirements be broken out differently. For example: trash bins going from two down to one, or an energy bill going down. A story could be told in this way. She said it would be nice to have an open category where people may have different ways of doing this. For example, some may have done a lot of things and are now out talking to their neighbors and sharing information about what they have done. Other examples could be that someone had an open house at their home showing what they have done or working with a youth program. She said she would like to see something like this added for those that cannot afford to do all the items on the list.

Environmental Specialist Sutherland appreciated the feedback. She said she has gone back and forth with requiring more descriptions about what businesses or people have done. One of the barriers for this is participation. A lot of programs have a hard time getting applications, which is why she has oriented this a little differently than others. She said for the required actions, it is required for the person to report something, provide a picture of the description. She said for others there could be the opportunity to describe it more without requiring it. She said if people were applying, she was hopeful they were eager and interested, they want to give information. Councilmember T’Kach suggested testing an application on a business or staff. She suggested sending it to staff to see who responds. She suggested if having sponsors, to have it be similar to not having violations. It is important to find sponsors who were aligned with this. She recommends not having a sponsor the first year, but in order to be a sponsor they have to have received an award.

Councilmember Scales mentioned when it comes to recognition, he thinks everyone likes a plaque signed by the Mayor with a handshake and the Mayor presenting it. This means something to people.

Environmental Specialist Sutherland said because they do not know how many people would apply, that is why it is on cardstock or printed/recycled paper with the Mayor’s signature and presented at the last City Council meeting in June.

7. PUBLIC COMMENT:

Brenda Sabistina, 10380 Brent Avenue, stated she worked with the City Council in 2017, 2018, and 2019 on whistle free. She wanted to know where the city was going with it, if it was dropped, or if the city would pursue.

Mayor Dietrich replied the question cannot be answered this evening, but there are a few people on staff involved. The City Clerk would get this request to the appropriate staff people. Ms. Sabistina referenced the 105th bike trail stating that Dakota County was here on May 1st, they want the bike trail on 105th, and were not looking at anything else. She said the direction was to go to residents. She said she is on an email stream with her neighbors, nobody has heard from them because they were waiting for the Council. The communication she received from Mayor Dietrich was that they were waiting for Dakota County to bring back recommendations. She stated that Dakota County does not have recommendations, they are going down 105th. She mentioned that the Commissioner in May said he understands that Dakota County would be working with Inver Grove Heights staff to better understand the city’s preferences on design before meeting with residents. She said there is a miscommunication; their only design is if wanting a brick or blacktop road on 105th, there are no other alternatives. It would be forced, yet delayed two years because the County would come back and say they have no choice. A lot of residents are against it. She asked if the city could get residents together to ask what their opinions are on 105th, get residents input, and then get back to Dakota County because the County is not seeking anything but staying with 105th.

Mayor Dietrich asked if the meeting was with both Commissioner’s from Inver Grove.

Ms. Sabistina replied it was the Planning Meeting where Dakota County designers of the bike trail presented on 105th. She said the County is not changing it, and the residents do not want it. She mentioned there are 69 people on the neighborhood email chain. This is being hung up and wanted the Council to be aware.

Mayor Dietrich stated staff would be in touch. If she does not hear back within a good timeframe to contact City Clerk Kiernan.

8. MAYOR AND COUNCIL COMMENTS:

Councilmember T'Kach shared that resident just sat through a 2.5-hour meeting to speak for 3 minutes. She said years ago residents' comments were at the front of the agenda, she would like to see the Council consider moving things back up toward the front. She understands there was rationale for why they moved things off, out of respect for residents they should find a way. If wanting to speak longer, she suggested they may also be able to speak at the end. She said that having something that takes 48 seconds seemed disrespectful.

Councilmember Scales mentioned that he has thought the same. After talking with city staff regarding this, there was a reason for it. He thinks it is a great idea at the beginning some of the time, other times it gets monopolized. He said if changing it the Council would need to be really strict with time allowed. The Council tends to be a bit lenient. He said they need to think about how to structure it.

Councilmember T'Kach said she was fine with being strict with the time. People are trying to raise an issue for the Council and public to see and bring attention to.

Councilmember Murphy said there were other residents in the room they need to be respectful of as well that are not here just for public comment. He thought it was structured the way it is for a reason. It was at the beginning and got off track every time he was a part of it.

9. ADJOURN:

Motion by Scales, second by Murphy, to adjourn the meeting at 8:39 p.m.

Ayes: 5

Nays: 0 Motion carried.

Minutes prepared by Recording Secretary Sheri Yourczek

**INVER GROVE HEIGHTS CITY COUNCIL WORK SESSION MEETING
MONDAY, JULY 17, 2023 - 6:00 P.M. - 8150 BARBARA AVENUE**

1. CALL TO ORDER:

The City Council of Inver Grove Heights met for a Work Session on Monday, July 17, 2023, in person. Mayor Dietrich called the meeting to order at 6:00 p.m. The Pledge of Allegiance was recited.

2. ROLL CALL:

Present In-Person: Mayor Dietrich, Council Members: Murphy, T'Kach, Scales; City Administrator Kris Wilson, City Attorney Bridget McCauley Nason, Deputy City Clerk Katie Malott, Finance Director Amy Hove, Public Works Director Brian Connolly, Operations and Maintenance Supervisor Phil Stier

Present Remotely: Council Member Gliva

Absent: Parks and Recreation Director Adam Lares

3. DISCUSSION ITEMS:

A. 5-Year Capital Improvement Plan (2024-2028) DRAFT

Finance Director Amy Hove presented the Capital Improvement Plan 2024-2028 in Draft format: A Capital Improvement Plan (CIP) is a community planning and fiscal management tool used to coordinate the location, timing, and financing of capital improvements over a multiyear period (typically 5-years).

Purpose:

- Preserve the city's existing assets and infrastructure
- Plan for the long-term asset needs of the city, whether replacing or adding new assets
- Assist in the development of budgets
- Balancing community goals and priorities

CIP: Last Year versus This Year: 2023-2027 CIP

- Pavement Management Initiatives
- Utility Projects (Water, Sewer, Storm)
 - Done in conjunction with the Utility Rate Study

CIP: Last Year versus This Year: 2024-2028 CIP

- City Facilities, Community Center, Parks, Golf Course

Does not yet include things the Council has not seen. Staff does not have enough data to be able to put them into the system:

- Annually \$250,000 is dedicated for parks, parking lots, and trails
 - There are a lot of parking lots and trails that are beyond just the parks control
- Larger Facility Remodels/Repairs:
 - Public Works Facility
 - Remodels and potential repairs to Fire Stations 1 & 3
 - Police remodel or expansion of the existing space
 - Roof replacements - study is underway (not a part of the original facility study, information would be brought back later this year)
- Central Equipment Schedule
 - Money is set aside yearly
 - Currently in an Excel format
- Other potential General Fund needs or new equipment

CIP: Department Summary:

- In 2024 total projects among all departments in the Capital Improvement Plan are just over \$31 million dollars. Continues into the next couple of years and then drops in 2027 and 2028 to \$20 million and \$19 million.
- Parks and Recreation: Biggest area of projects over the next 5 years is in the parks area at 51%
 - Heavily driven by the state bonding project for Heritage Village Park Phase 5
- Community Center Projects
- City Facilities
- Golf Course
- Public Works: Pavement Management is the biggest driver, 78% of all projects within this plan
- Water
- Sewer
- Stormwater

CIP: Funding Source Summary. How to pay:

- Park Acquisition and Development Fund
- Park Capital Replacement Fund
- Pavement Management Fund
- Special Assessments
- MnDOT Money
- State Aid
 - Both are about \$135 million dollars

Today's Request/Purpose:

- Is staff proposing the right projects.
- Do the projects seem like they are prioritized properly, still in the right order, does something seem out of order.
- Do the timelines seem appropriate, are there projects the Council wishes would happen sooner or later, are there projects missing.
- Are there projects in the plan there is not Council support for, would like to see removed, or delay them from the plan.

Tonight, staffs primary focus will be on Year 2 of the CIP (2025). Those projects are typically the ones staff works on, develops, does feasibilities on, in 2024.

CIP Reports:

- Projects by Department
- Projects by Funding Source
- Project Details

City Facilities - 2024 Projects:

- ADA Improvements
- Lighting Improvements:
 - 2023: \$134,000
 - 2024: \$121,000. Fire Station 3, Public Works, City Hall, Golf Course, Rich Valley
 - Funding Sources:
 - Central Equipment
 - City Facilities/Fire Stations
 - Golf Course

City facility projects have been based off the McKinstry Report the city undertook in 2019. Building systems were analyzed to come up with a rating system, scale, and make recommendations. Big takeaways for staff:

- Helping build a 5-year CIP
- Optimizing building performance with energy savings when possible
- Preventative maintenance to extend asset life

- Improving vendor contracts

She stated that the Operations and Maintenance Manager has looked at the report and taken into consideration the life cycles of existing systems. This is what was used to build out a 5-year plan for city facilities that includes:

- Data closet work
- Make up air unit at Fire Station #1 that needs replacing
- Fire Suppression System at the Golf Course
- Dehumidifier at the Water Treatment Plant

Councilmember Scales referenced lighting improvements/LED lights and asked if the numbers shown were before or after the rebate.

Operations and Maintenance Supervisor Phil Stier responded the numbers are before rebates as rebates change. Currently there are double rebates, which he is maximizing the best he can. Numbers shown will always be before a rebate because he cannot guarantee what the city will get.

Finance Director Hove stated when rebates come in, they go back into city facilities to help fund future facility needs.

Councilmember T'Kach asked if there was a breakdown of what percentage of all income in the city is levy, grants, partnerships, and enterprise funds.

Finance Director Hove responded that information is accessible within the financial statements and monthly reports.

Councilmember T'Kach mentioned she would like to see the annual projections for the CIP, the first 2 or 3 years, what the anticipated levy might be, revenue coming from partnership programs.

Finance Director Hove replied that information comes out when budgets are brought forward. A forecast shows what is anticipated in revenues and receipts and what they expect to spend.

Councilmember T'Kach said some projects may have a much heavier levy or partnership, it would be nice to know what they are committing to now.

Finance Director Hove suggested referencing the Funding Source Summary. When seeing the General Fund, that is supported by the General Fund Levy. Most of the remainder is another funding stream.

Finance Director Hove discussed City Facilities - 2025 Projects:

- More work in data closets on heat pumps and duct work
- Lighting improvements
- Replacing a water heater
- Replace carpet
- Fire Station #1: Boiler/Pumps. Fire Station 1 & 3: Alarm Panels
- Replace the boiler at Rich Valley
- Units at the Water Treatment Plant

Councilmember Gliva noticed there were lighting improvements again, as there were last year. She asked if the lighting improvements were a continuous cycle.

Operations and Maintenance Supervisor Stier responded they are on a life cycle. It is taken building by building. City Hall is complete. Changeover in all buildings is done to LED standards. There are 10-15 years in a cycle before going through a new process. This year they are doing the VMCC which is a huge amount. Fire Station #1 would be a complete changeover. Cold storage was done this year, next year will be the rest of public works, there are small pieces here and there that could have been missed.

Finance Director Hove asked if the city was good for a while with lighting improvements after this cycle.

Operations and Maintenance Supervisor Stier replied yes. By 2026 he does not see any lighting projects at all. Everything will be 100% LED. 12 years out would be the next generation coming through before seeing a huge energy drop to make it worthwhile to have another huge lighting project.

Finance Director Hove discussed City Facilities – 2026 and Beyond:

- Roof study
- Larger facility remodel, expansion, repairs

Community Center – 2024 Projects:

Last year the Community Center Capital Fund was created to separate out the operations side from the capital side. The goal was to keep projects averaging between \$700,000 to \$750,000. This comes from the Host Community Fund into the Community Center Capital Fund.

- Common area updates: \$20,000
- Aquatics: Lap pool lane lines, diving boards, stands
- Arena: East rink matting, paint team rooms and restrooms, rekeying doors, updating kitchen and kitchen windowsills, rear doors/frames, new skate racks
- Mechanical: Updating automation, replace roof top unit #4, replace water softeners
- Grove: Brightside room remodel, replace concrete in the front entryway, community room partition, upgrading the panel and server for IT
 - Total Projects: \$692,900

Councilmember Murphy referenced the team rooms and restrooms and asked if that is the locker room where the lifeguards go. When coming in the front door and going left. He said it was a bit of a disaster.

Operations and Maintenance Supervisor Stier responded it is part of the locker room. The whole area would be done at the same time.

Councilmember T’Kach asked if the McKinstry Report from a few years ago addressed energy transition or energy work comprehensively or if it was an overview of the current operational standards.

Operations and Maintenance Supervisor Stier replied it was a 50/50 mix. They recommended dialing down the usage of the boiler systems through automation and using some of the life cycles to change out some of the hardware, motors, and pumps to decrease energy usage. After reading it, he said he built on that for a lot of things for life cycle and general weather pattern usage. Some of the things on the roof were damaged by hail. It is documented in the McKinstry Report.

Councilmember T’Kach mentioned it would be nice if City Hall and the VMCC would have a comprehensive energy study done. Looking 5 years beyond and transitioning to energy efficient items, new technology. She wanted to make sure they were not investing a lot of money in the next couple of years that puts the city in a position that it does not pay off very well to hit new technology and new options. She said automation systems are great and can save a lot of money and reduce labor costs. She would like to see something more comprehensive. She said that she sent that in an email to Parks and Recreation Director Adam Lares and suggested the three of them discuss this further offline.

Finance Director Hove discussed the Community Center – 2025 Projects:

- Common area updates, Kiavac
- Fitness equipment replacements, studio floor
- Aquatics: Pool furniture
- Arena
- Mechanical: Boiler for the pools, HVAC system for the daycare, radiant heat for the west rink

- Grove: Locker room lockers
 - Total: \$689,500

Community Center – 2026 and Beyond:

- 2024-2028 CIP 5-year average: \$735,600
- 2027 East/West Rink Compressors (3): \$1.3 million dollars
 - This is the R-22 refrigeration system. It was determined to be bad for the ozone and something that eventually needs to be replaced.
 - Moving to an ammonia-based system.

Councilmember Scales referenced R-22 asking if it was stocked in the city.

Operations and Maintenance Supervisor Stier responded there is 120 pounds on hand. The commercial price is approximately \$160.00 per pound.

Councilmember Murphy asked if that would get them to 2027.

Supervisor Stier replied it would as long as they do not have more big leaks. When changing out the units on the rooftops for the new units, they recover and reprocess.

Councilmember T'Kach noticed there was money in the budget to purchase additional R-22.

Supervisor Stier replied there is \$200,000 just in case, as a placeholder. If one leaked it would be approximately 75-80 lbs.

Councilmember T'Kach asked if there would be a reason to move the east/west rink compressor replacements up earlier.

Supervisor Stier responded the technology is there, the study has not been done on the rinks to see which technology to use as the most efficient for what the city has.

Mayor Dietrich asked if there would be more to come as far as details and the return on investment.

City Administrator Kris Wilson replied staff will ask the Council to adopt the CIP later this fall in the budget process. Depending on questions and concerns tonight, staff will follow up on those. What is in each of the project sheets is the level of detail staff would proactively provide on each project. None of these projects can proceed without approval from the Council on the specific project. To award a contract, some are large enough that staff would bring forward the approval of plans and specifications and advertise for bids. The smaller ones that do not require bids, staff goes out and gets quotes and then the Council is asked to award a contract based on the quotes. Individual projects come before the Council for approval at the time they are advanced. If wanting more information before the project is included in the CIP, staff would like to hear about it so more information can be given before the CIP comes back for adoption.

Councilmember Scales said it would be difficult for it to be accurate because they can not get accurate quotes for a year out, or an accurate return on investment.

City Administrator Wilson replied if questions are specific to cost, the further out it is, the harder it is to get accurate. If the question is more about the need or why one project is in front of another, those would be types of things staff could answer more easily.

Finance Director Hove stated this is a starting point. When bringing budgets, if there is a CIP component to the budget request it would get its own discussion at budget time. Discussion will also take place on how to finance and afford it. She said staff felt what is included today seems reasonable from staff's level of understanding of what the funds can afford. Further discussion comes forward as a part of the budget discussion on each unique fund.

Mayor Dietrich asked if it would have further discussion if it is a part of the CIP. For example, even if it is a \$20,000 item versus a \$200,000 item.

Finance Director Hove responded yes. When budget details come forward it would include the operating look and capital look to each of those funds.

Councilmember T’Kach asked if that included market trends or a market outlook. Part of these plans are based on revenue projections. She asked if that comes as a part of the budget discussions later.

Finance Director Hove replied staff is building the plan on maintaining existing assets. She did not believe they were quite to the point of having an in-depth analysis in terms of market trends. Councilmember T’Kach said she felt like it is the big project that is, should be, or should not be on the horizon. Being able to decide what is on the horizon would help to know what the professionals know which way things are going within the industry.

Finance Director Hove replied if specifically talking about the community center side, one of the improvements staff is trying to make this year during budget cycles was building cost centers. It was on the Council priority list this year. Last year the capital was split to understand the operating and capital side. This year when building the budget, they are trying to further separate it out into cost centers. For example, aquatics is either gaining/costing an amount to operate. There is not a level of detail, an analysis cannot be done because everything has been lumped together in past years. Staffs hope is by changing the account structure around they can better track year over year.

City Administrator Wilson suggested keeping in mind that VMCC revenues do not cover the capital cost. Council would likely want to know if seeing upward trends in an area that would warrant investments in those facilities. Revenues from the community center do not directly pay for the capital improvements at the community center. Those are being paid for by the Host Community Fund. For example, with the water or sewer fund, they are directly looking at what the upcoming capital needs and rate structure would be necessary over the next 5 years to support that level of investment. Revenue into utilities is tied directly to what can be afforded and demands on the system. She said there was a bit of a disconnect in the way they finance improvements at the community center that separates out more.

Councilmember Scales shared with capital budgeting it is about the asset, not the use of the building. Even if having 10 or 10,000 people using the rinks, they still need the compressor replaced and the facility maintained. They cannot choose just because less people use something. For example, when everyone worked at home the air conditioning still needed to be maintained in the building.

Councilmember T’Kach mentioned if having 10,000 people using the ice rinks they may want to move up or have an expansion plan. It was the same with golf and if golfing was a trend up or a trend down.

Finance Director Hove discussed the Golf Course - 2024 Projects:

- Beverage Cart Replacement
- Ball Machine #1 Replacement
- Toro MultiPro 1750
- Toro Greenspro 1260
 - Total projects: \$163,000

The golf course typically pays for 100% of golf course projects. There may be a facility project that is under the management of city facilities, but the golf course is paying for their share such as lighting or ADA improvements.

Golf Course - 2025 Projects:

- Ball Machine #2 Replacement
- Toro Greensmaster 3150 3WD (2)
 - Total projects: \$78,000

Golf Course - 2026 and Beyond:

- Clubhouse/front end landscaping and Golf Cart replacements
 - \$350,000

She mentioned that earlier this year there was discussion about how well the golf course was doing and how they were going to accelerate repayment of their interfund loan. This is based on how well this year’s anniversary membership sales go. Decision making on this would be later this fall/end of year.

Mayor Dietrich asked if the golf cart replacement would be able to be covered by the golf course.
Finance Director Hove replied yes.

Finance Director Hove discussed Parks – 2024 Projects:

Every year within the Pavement Management Fund, \$250,000 is set aside to go toward any parks parking lots and trails.

- Parking Lots at Groveland Park and Salem Hills: \$250,000
 - Both are past their prime at 21 and 29 years of life, versus a 20-year life cycle
 - Courts at Oakwood and Skyview: Either replace or transition to pickleball courts
 - A study is underway
 - Woodchipper: To be shared between streets, parks, and stormwater
 - This would be a second woodchipper as the first is consistently requested/used
 - Under the general fund category. It was submitted as a part of their 2024 budget request as new equipment
 - Heritage Village Park, Phase 5 (Playground and Splash Pad)
 - State Bonding funds of \$2 million dollars
 - \$2,650,600 is the city match
- Total: \$3,525,600

Councilmember Murphy asked in regard to Heritage Village Park Phase 5, at what point is it a capital improvement versus acquisition.

Finance Director Hove replied the acquisition was when the land was acquired.

Councilmember Murphy commented when they have the land, everything after that is an improvement.

Finance Director Hove agreed.

Finance Director Hove shared within the parks area:

- Parks Capital Replacement Fund
- Acquisition and Development Fund
- State Bonding
- General Fund

Parks – 2025 Projects:

- Playgrounds: Salem Hills (\$150,000) and Southern Lakes Park (\$100,000)
- Hockey Rinks; boards and supports: Oakwood Park (\$80,000) and Groveland Park (\$45,000)

To note, a lot of these have been pushed beyond what a normal life cycle would be.

- Parking Lot: Rich Valley (PMP savings for the 2029 project)

Parks – 2026 and Beyond:

- Rich Valley Parking lot. Saving dedicated annual dollars in PMP (2025-2029) for \$1.15 million

Councilmember T’Kach asked if the \$250,000 for the Rich Valley parking lot would preclude other parking lots or trails from being updated and repaired between now and 2029.

Finance Director Hove replied 2024 is the last year they are planning on doing any parks parking lots. In 2025 the \$250,000 will be set aside for Rich Valley. Between 2025 and 2029, all that money is saved for the Rich Valley parking lot.

Councilmember T’Kach said her concern would be if there was flooding or large repairs needed based on a storm. She questioned if there was thought of a little insurance fund on the side.

Finance Director Hove replied CIP projects can be moved forward or delayed. If an emergency were to happen, if unable to fit the repair into their annual budget, a discussion would be had about how to mediate.

Public Works Director Brian Connolly discussed public works project types shown in the CIP:

Pavement Management – Local Street 2024 Projects:

- Annual Pavement Management Initiatives (PMI) Projects: \$12,292,951
 - 84% of pavement management local street projects come out of this
 - Last year it was 85%
- Maintenance Projects such as: Broad Area Patching, Crack Sealing & Pavement Rejuvenation, Traffic Calming & Safety Improvements
- Proposing to do a citywide Flashing Yellow Arrow (FYA) Study
 - There have been inquiries from the Council and partner communities such as the City of Eagan and West St. Paul
 - There are several possibilities for grant funding installations and studies
- Southgrove Area Maintenance Overlay
- ADA Intersection Improvements and Babcock Trail Multiuse Trail Facility (Design/ROW)
 - Babcock Trail, between Upper 55th and 494
 - Grant Funding was received

Pavement Management Initiative:

This was shared last year in the CIP. It is also from the Citizen's Task Force Report

- Project Selection Criteria
 - Pavement Condition Index (PCI)
 - Rating of pavement. Scale of 0 (destroyed) to 100 (brand new)
 - Age
 - Annual Maintenance costs
 - Past prioritization (put together on a map)
 - Public utility condition (water, sanitary, storm sewer)
- Annual Project Goals
 - There are approximately 150 miles of local streets in the city
 - 6-7 miles of roads per year
 - Combine neighborhood streets into a single project
 - Focus on the most effective rehabilitation technique

Pavement Management – Local Streets 2024 PMI Project Locations:

- Council has authorized a feasibility study of all projects listed
- There is one carryover project: Argenta Trail project at the border of Eagan between 149 and Auburn Path.

He stated there is a beta version of the city GIS Map that is linked on the website. There have been several improvements to the city website within the last week as a part of the feasibility study for 2024.

He encouraged the Council to check it out at: www.ighmn.gov/pavement. Highlights include:

- The map shown would be added to the link.
- The 5-year project outlook tab includes a summary of what the Pavement Management Initiative is, along with links to the website.
- Includes information about projects actively in design.
- Has a current construction map with all project areas currently under construction.

He stated that the engineering staff will be coming back before the Council at the September Work Session with an update on the overall Pavement Management Initiative.

Pavement Management – Local Streets, Southgrove Maintenance Overlay:

- Added into the CIP
- Bordered by Cahill Avenue on the west, Concord Boulevard to the east, between 65th Street and 80th Street
- Oldest neighborhoods in town
- Many streets were reconstructed either partially or fully between 2004 and 2012

- Areas are showing a condition called “stripping,” where the top ¼-1/2-inch pavement is getting stripped off underneath the sealcoat that has been applied
 - Happening in many other communities, not just Inver Grove Heights
 - Unclear understanding of why
 - In 2012 have switched to current pavement designs. Believe pavement designs prior to 2012 led to this type of degradation.
 - Does not impact the structure of the road, creates an issue on the surface, maintenance headache
 - There is not a good way to fix this other than to get rid of the entire top surface coat of pavement and apply a different type of sealant, overlay, or other maintenance technique
 - Exploring other cost-effective options other than mill and overlay (shown in the CIP as the cost of a mill and overlay because that would be the most expensive)
 - Hopeful before September to have refined costs or a demo project on a couple of blocks in the Southgrove neighborhood where they can apply one or two different types of treatment not used in town such as:
 - Ultra-thin overlay, pavement overlay ½ inch thick. Different type of polymer/bonding agent can last from 12-16 years. More information to come.

Councilmember Scales mentioned 78th Street to 80th Street, commenting that Clayton must be one of the worst streets in the city. He asked if they were stopping at 78th.

Public Works Director Connolly replied they are not stopping there. That would be one of the 2024 projects. It has never been done.

Public Works Director Connolly mentioned a big number in the CIP is \$1.2 million dollars for 2024, it goes up for each of the next 3 years. At that rate it would take 4 years to get all the streets done.

Councilmember T’Kach asked if the Southgrove maintenance overlay would be assessed per policy or if there was other funding.

Public Works Director Connolly replied it would be funded through the Pavement Management Fund. In September, staff will have options to share as to whether or not considering assessments for this would make sense. At this time, he does not believe they do because they have not received the design life out of these pavements as initially intended. Everyone was assessed for the project initially.

Public Works Director Connolly discussed Pavement Management Local Streets - 2025 Projects: (same as the 2024 list other than the numbers):

- Annual PMI Projects
- Broad Area Patching, Crack Sealing & Pavement Rejuvenation, Traffic Calming & Safety Improvements
- Proposing to initiate a traffic study for the length of Cahill
 - A main street that would begin showing up for rehab in 2029 and 2030
 - Traffic study would look at making enhancements beyond just pavement such as:
 - Instead of 4 lanes for most of its length, putting in 3 lanes
 - Put in additional pedestrian or bicycle facilities on street or off street and if traffic allows that
 - What do the intersection configurations look like
 - If wanting to put in or take out turn lanes
 - It is too big/too long of a street to do in a single year; likely a 2-3-year construction project.
- Southgrove Area Maintenance Overlay
- Babcock Trail Multiuse Trail (Upper 55th to 494), construction in 2025

Councilmember T'Kach mentioned when reading through things it looked like the Babcock Trail work would stop at Upper 55th. She asked if it would not go to the school or if it was a county responsibility.

Public Works Director Connolly responded the grant money received for the trail installation is from Upper 55th to 494. The County has completed a study south of Upper 55th. They have not discussed it yet for further consideration. The study noted it would not be feasible to put a trail in from Upper 55th to the school without upgrading the entire corridor to an urban section.

There is not enough right of way, too many driveways and property, it would be cost prohibitive for them. The County has decided not to include anything in their CIP. The city has not done anything in our CIP because we were waiting on the study results. He said he had mentioned to the county that it would be wise to provide an update, he has not heard feedback on when they would want to provide it.

Councilmember T'Kach asked if that would preclude a basic sidewalk in that section.

Public Works Director Connolly responded his understanding is that there is no space to make it function the way the County wanted it to.

Councilmember Gliva asked if there was something in the plan for Upper 55th reconstruction and South St. Paul and the state doing entrance/exit ramps. She asked if that was in the works.

Public Works Director Connolly replied yes. South St. Paul is proposing to do a section of Upper 55th Street between Cahill Avenue and Carmen Avenue, proposed for 2026. The city is also proposing the adjacent section of Upper 55th to be done in 2026 to align the two projects. The only MnDOT project he was aware of was the off ramp of Highway 52 southbound to 70th Street (County Road 26). There are items in the CIP that note this for 2028.

Public Works Director Connolly discussed Pavement Management - Local Streets 2026 and Beyond: Most seen are pavement management projects and maintenance projects. These will always have a need for the foreseeable future.

Councilmember T'Kach referenced traffic calming and safety improvements are lower dollars yet traffic and speeds on roads are one of the biggest things that show up in police public safety surveys. Upper 55th, Ann Marie Trail, 80th, and Cahill areas have requested traffic calming. She said she felt there was a lack of funding, research, and understanding what the opportunities are for more traffic calming throughout the city. She asked the Public Works Director to address that and where he thinks that would go in the city.

Public Works Director Connolly believed that may be right from a funding standpoint. What is listed in his report are small dollar amounts meant to be placeholders indicating a need. It has not been studied, nor received direction to study. The issues brought up are individual resident issues which are important to review and respond to. None have risen to the point where there is a need to invest in making dramatic changes. The changes most residents want to see are more signs, more enforcement, narrower roads, things requiring an extensive amount of infrastructure investment, beyond the \$10,000-\$20,000 yearly budget. He said they are looking at demo projects to see if there are things, they can try out ahead of time with lower costs such as stick delineators, pavement tapes, or paint applied and removed to see effectiveness. Those are things staff is continually looking for and learning about from other communities. Staff has a traffic control committee that meets regularly to review citizen concerns. He mentioned when doing pavement management projects such as a reconstruction on a street, they look to see if narrowing the street or bump outs on intersections would help; those are what they look at as a part of the pavement management initiative. The remainder are looked at as a case-by-case

basis. Staff follows the County or State which have done a lot of pedestrian studies with respects to safety and intersections.

Councilmember T'Kach questioned if that was done with total reconstruction, not mill and overlay.

Public Works Director Connolly responded they do not typically do it for mill and overlay.

During that process staff engages with residents with open houses and provides contact information. If there are concerns staff tries to work with residents to see if there is something that could be done to address it. Usually that is not the case, it does not always work, and may not be the best investment. With a full reconstruction, everything is looked at such as geometric configurations and issues that can be addressed. He said traffic calming requires changing human behavior. There has been effectiveness with putting in bump outs but discovered those do not work very good in the winter. They get run into, are very expensive to fix, and cause a lot of damage to equipment.

Public Works Director Connolly discussed Pavement Management -Partnership Projects 2024 Projects: These are projects that are being managed by external agencies such as the County, MnDOT, adjacent cities, where Inver Grove Heights needs to contribute money towards the cost of those projects.

Highlights:

- With 80th Street, a study will be done (the county currently has an RFP out) to look at doing a lane reduction study. There are currently 4 lanes with center turn lanes. They are looking to narrow it down to possibly 2 lanes with a center turning lane to increase pedestrian safety.
 - Currently have a good concept. The road was just overlayed last year. Would be a restriping project.
 - Pedestrian improvements closer to the High School.
- Some items listed were carryover projects from last year.
- The largest is 117th Street. Combination of design costs and right of way acquisition.
 - Even though the city is managing the preliminary and final design, the county will take on management of construction.
 - The city is funding this on the front end and getting reimbursed by the county.
 - Once it moves to construction the roads would flip. The county would pay for everything and then ask the city for reimbursement.

Pavement Management - Partnership Projects 2025 Projects:

- Includes a set of overlays
 - The county does overlays every year throughout the county.
 - Next year there are no overlays. In 2025 the county expects to come in and do Barnes Avenue and Rich Valley Boulevard.
 - There is a cost share with it: minor utility costs.
- Scoping studies (80th Street at Trunk Highway 3 and Babcock to Babcock Trail). This is the potential realignment to line up with the roundabout on Highway 3 and Amana and realign the roadway up to Babcock Trail. Urbanizing as it is currently in a rural roadway section.
- A project awarded from MnDOT a couple of years ago, the Barbara Avenue Soundwall.
 - Design and right of way work will begin in 2025
 - MnDOT is managing
 - There is a cost share
- 117th Street. 1st year of construction in 2025
 - All costs for the job were shown, this needs to be worked through in drafts as staff works through this budget wise before bringing before the City Council
 - Most of the costs are either bonding money, county costs, grant money received
- The City of Eagan is doing a project with a traffic signal at Highway 149, Argenta, and Westcott.

- Eagan is doing a citywide flashing yellow arrow upgrade (they did the study staff is proposing to do next year). They applied for a grant with MnDOT, if they receive the grant this would move forward in 2025. If they do not receive the grant they would likely go after it again in a future year.
 - Working with partner agencies; Dakota County and other cities, is why these are put in the CIP, so the city is planning for them as well.

Pavement Management - Partnership Projects 2026 & Beyond:

- County Studies:
 - Argenta/Trunk Highway 55 Interchange - Preliminary Design
 - This depends on whether the 494 and Argenta interchange design in 2024 comes to fruition

Councilmember T'Kach referenced the budget papers and the cost of \$100,000. She said she thought when there was a presentation, and the city did not respond, that it may have gone to the county and state to look at and pay for.

Public Works Director Connolly replied there is still a cost share because of the city's request.

Councilmember T'Kach asked if the city officially requested a study.

Director Connolly responded yes. It was in the approval of the county's CIP last year.

City Administrator Wilson replied the city had been on record as requesting this prior to that presentation in January. This is a carryover from last years CIP. It is an area where the county did not start as timely as they wanted. This was not an action taken after the January presentation, it was a carryover from being on the record as wanting to know more about the interchange. If a majority of the Council wanted to go on record, the city has an opportunity every year to offer comment and weigh in on the county's CIP. If a majority of the Council would like to oppose this, the time to do so would be when commenting on the County's CIP in September/October.

Public Works Director Connolly mentioned staff has received an initial review that was not anything other than last years CIP. Staff had already reviewed and had the request from last year in October/November. The county needs to bring it to their Board first and then bring it back to various cities. The county would request a resolution to either support or request modifications from every community where they have monies to be shared.

Public Works Director Connolly shared that the county has indicated, but has not been brought forward and the city has not commented on yet:

- Cliff Road/Rich Valley Boulevard. Intersection - Scoping Study in 2028.
- 117th Street Reconstruction. Wraps up in 2026.
- Barbara Avenue Soundwall Construction in 2026
- County Overlays in 2028
- 70th Street at Highway 52 - West Ramp Intersection Improvement. MnDOT is looking to do the project in 2028.

Councilmember T'Kach asked if the Barbara Avenue soundwall was north of 494.

Public Works Director Connolly responded it is a short link from 494 north to Mendota Road/Southview Boulevard.

Mayor Dietrich asked in regards the to the PCI, if there was something residents could see a map of showing how far the city has come since the Citizen's Task Force but could also forecast out for 5 years to be able to see the forward momentum.

Public Works Director Connolly responded something like that does not exist. Because there are only PCI ratings once every 3 years on every street, it would take a couple of cycles to fully

analyze. This is something staff will discuss in September. Staff has been looking at options to modify the PCI rating such as looking at a different firm or different methodology to get better ratings more often and for less money. There is currently not enough data to show results. He said with as bad as the winter was last year he would not be surprised if we dropped despite doing 6 miles of road improvements.

Mayor Dietrich said she knows there are Minnesota road testing areas. She asked if the city receives information from the state tests that we can do, and/or if there were any county testing sites.

Public Works Director Connolly replied he was unsure if Dakota County does any specific testing. As a part of the gas tax, MnDOT puts money yearly toward the Local Road Research Board. This board is an organization that falls under MnDOT but also has individuals from several different Universities, not just in Minnesota. This provides a focus on different types of local street projects/improvements. He mentioned MnDOT has seen success using ultra-thin overlays on rural roads but has not noticed on urban roads other than freeways. He said the challenge for the city is if this could be applied in a cost-effective manner with the fact that the city has castings for utilities and are dealing with other things in the roadway that are not on a rural highway. He said the city also salts roads differently than highways.

Mayor Dietrich asked about county salting compared to city.

Director Connolly replied he was unsure specifically. Both have their own types of salt programs. They work together to see what works in other communities. The city tries to reduce the salt usage year over year. He said the Streets Superintendent has been at the forefront of this. Sometimes the city can get information from other network organizations.

Mayor Dietrich said she asked because one of the reasons to keep streets good is to be proactive. She was wondering what could be done on that end. She said it sounded like the Public Works Director was very involved on that end.

Public Works Director Connolly discussed Sewer - 2024 Projects:

- Last year with the CIP, staff initiated an Annual Sanitary Sewer Rehabilitation Project
 - Look at the lining of old clay pipes
 - In some cases, they look at old ductal iron pipes that might be degrading
 - The liner can get another 30-50 years of life out of the pipes as opposed to replacement
- Annual Sanitary Sewer Cleaning & Televising
 - These would be televised, documented, and rated in terms of what their condition index is in a 6-year period
 - Doing 1/6 of the city every year
 - This process would continue and repeat
 - Required to clean the lines every 3 years
 - Required if wanting to have certain types of insurance coverage from the League of Minnesota Cities to collect and document visual evidence of pipes on at least a 10-year basis
 - Currently looking at being on a 6-year cycle. Just started this year. Results would be put into the database system
 - Staff would then analyze the condition ratings
 - This will help in determining what types of projects are needed in the future with respect to sanitary sewer
 - Staff knows where the problem areas are; there are a lot more unknown areas.
- Lift Station Rehabilitation. This is the smallest lift station, on Doffing Avenue
 - This station was switched with another that will be better aligned with a road rehabilitation project

Sewer – 2025 Projects:

- Annual Sanitary Sewer Rehabilitation
- Annual Sanitary Sewer Cleaning & Televising

Sewer – 2026 & Beyond:

- Annual Sewer Rehabilitation
- Annual Sewer Cleaning & Televising
- Lift Station Rehabilitation – Blackberry (2026). This was the station shifted back from 2024 to 2026 to align with the proposed pavement management project in the neighborhood

Stormwater – 2024 Projects:

- Annual Minor Drainage Improvements
 - Improvements to ponds, things that happen during flooding events
 - Money that as soon as it gets budgeted is spent on something such as a pipe that was blown out in a pond, clogged, damaged, or erosion around a pond outfall
 - These minor improvements are meant to be low dollar values that staff is able to address as opposed to larger stormwater projects
- Storm Sewer Televising (same operation, process, and company as the Sanitary Sewer process)
- Raingarden Inlet Rehabilitation (bi-annual). Approximately 60+ in town
 - A lot of them had different types of inlet structures. Trying to standardize for maintenance. Older ones were found to clog too quickly.
 - Taking a systematic approach to get to 6-7 of every other year to be upgraded.
- Water Resource Management Plan Update
 - There are two plans: Citywide and Northwest Area
 - Citywide was updated in 2018/2019
 - The Northwest Area has never been updated.
 - Established in 2006, outdated.
 - Staff has found some things to be problematic as it does not sync up well to the current Water Management Plan.
 - Looking to merge documents into a Citywide Water Resource Management Plan.
- Stormwater Rate Study

Stormwater – 2025 Projects:

- Annual Drainage Improvements
 - Last year it was discussed to bring in \$1 million dollars to the Stormwater Fund out of the Host Community Fund for 3 years
- Stormwater Televising
- Design for the Dickman Trail Outfall Culvert Replacement
 - Design process could take 2-years because of the coordination needs of the railroad
- Pond: associated with a development job completed a couple of years ago
 - The project was not finished due to lack of funds. Proposing to finish in 2025

Proposed Stormwater Projects in the system:

- Dickman Trail Culvert (behind Skyline Village) 96"
 - Corrugated metal culvert. Rusted out, debris upstream and downstream of the pipe, sinkholes forming, pipe separation issues, downstream sedimentation in the stormwater treatment ponds.

Stormwater – 2026 & Beyond:

- Annual Minor Drainage Improvements
- Annual Stormwater Televising
- Raingarden Inlet Rehabilitation
- Dickman Trail Outfall Culvert Replacement (2026-2027)
- MS4 Program Implementation Updates (2026-2027)

- Stormwater Permit with the Minnesota Pollution Control Agency
- Implementation of this is done every 5 years
- Marcott Woods Park Ravine Erosion Restoration (2026)
 - Located off 96th Street, has been there for 15-20 years
 - Ravine slope outwash
 - 60' elevation drop, a lot of erosion
 - Restoration will be expensive: \$150,000
 - This item is further out as it is a matter of where it fits into the program and how important it is.
 - Staff would like to get at this sooner. If other funds have savings, there may be the opportunity to save and advance this project.
 - Currently maxed out what is available for stormwater

There are almost \$20 million dollars of stormwater needs that are not programmed. Need to continue to find ways to save funds. Part of this will be through the Stormwater Rate Study taking place next year and for the Council to make hard choices about how to fund a utility that has been underfunded.

Water - 2024 Projects:

For 2024/2025 there is a higher influx, then it drops off a little bit. The main driver for this is the water treatment plant repair and rehabilitation project. A brief update will be provided next week that will include where they are at with the preliminary design process, feedback received from consultants, and pilot tests done with some recommendations.

- Annual Well Pump and Service Rehabilitation
 - There are 7 pumps in the system
 - Pull one a year and rehab it. 7-year cycle
 - Some pumps are replaced every 5 years with others replaced on a 10/11-year basis because they do not pump from all wells equally
- Babcock Booster Station Pump Inspection #1
 - Pumps that help maintain the system water pressure
 - There are 2 booster pumps. Looking at doing 1 pump inspection and rehab each of the next 2 years
- Water Treatment Plant Booster Pump Inspection
 - There are 7 within the plant. Looking at doing these 1 per year
 - One (1) is being done this year
 - These are not tied to the treatment side of things, they are individual pumps

He shared that one was pulled this year. There was a contract bid for approximately \$9,000. Staff was told it would be another \$6,000 to \$7,000 to do the replacement. There is a contingency, it was already budgeted for. If having to do an emergency replacement, there is money available. It would be more expensive than doing preventative maintenance. Staff wants to keep the process going in the CIP.

- Automated Meter Infrastructure (AMI)
 - Over a 3-year period, staff looks to implement upgrading/replacing all water meters within the community. It would have a remote digital read that could be monitored almost consistently.
 - Provides more accurate billing data and monitors usage
 - There are warnings in place that state for example, water that has not been shut off for a period of 7 hours. This allows the city/staff to shut the water off and alert the homeowner that they may have an issue they need to check on.

Councilmember Gliva exited the meeting at 7:57 p.m.

Public Works Director Connolly discussed Water - 2025 Projects:

- Annual Well Pump and Service Rehabilitation
- Water Treatment Plant Sludge Pump Replacement
- Babcock Booster Station Pump Inspection #2

Coming out of the preliminary study for the water treatment plant it was noted that there are several sludge pumps. These are wastewater pumps in the bottom of the water treatment plant that takes all of the backwash residue washed out of the water and discharges it into the wastewater system. There are 7 or 8 pumps that have never been replaced. Staff is starting a process in 2025 to start replacing those on an annual basis.

Water – 2026 & Beyond:

- Bigger project, Northside Water Tower Repainting/Rehab, 50th Street and 494 in 2026-2027
- SCADA System Upgrade (connection between various wells and what is operating at the water treatment plant)
 - Needs occasional software updates. Have not had a big system upgrade for several years.
 - Plan on doing in 2027

Councilmember T’Kach asked about broad area patching and if it was more maintenance versus capital in the budget.

Public Works Director Connolly replied everything regarding maintenance is still capitalized because that is how it is documented in the CIP. City staff does it.

Councilmember T’Kach said she did not see a broad area patching plan. She asked if 96th Street would be broad area patched.

Director Connolly replied there is no broad area patching plan. It varies from year to year. Staff is trying to capture areas that have been broad area patched in the past and plug them into the CIP. There are very few streets left that need to be broad area patched. He said the streets superintendent has a list he is looking at getting at. He said they have discussed whether they should hold off on those or try to condense the different areas. For example, the one area they knew they were going to get to at the start of the year was Arlene and Athena Way. That was completed. After receiving the pricing for bituminous and noting where other monies were available, they noticed they were spending a lot of time on Dickman, the patches were not holding. Staff determined they would be able to get Dickman included, but there were also 3 other potential areas. Broad area patching is not put into the CIP specifically because they do not know year over year where the maintenance dollars would end up.

City Administrator Wilson replied its placed in the CIP from a budget perspective. They do not list the streets they plan to do. There is a budgetary amount included for that each year.

Councilmember T’Kach asked if there was a reason the city does not soften the water. Instead of having residents using water at differing volumes, and inefficiently using salt, she questioned if they should reduce salt in general.

Public Works Director Connolly replied that would be a question for the Council. It would be a substantial investment to the point they would need a new water treatment plant. It is not something that can be integrated into an existing plant, it was not designed as a softening plant. A softening plant requires more operational need. It needs two people staffed 24/7, 365 days. The current plant can operate without a staff person. Some communities, like Minneapolis and St. Paul, pull surface water and do not have to soften. Pulling off the ground is a bigger cost. He said it was not analyzed unless it was when the water treatment plant was first built. It would be completely cost prohibitive for the current rate structure.

Finance Director Amy Hove stated that 2024 projects are being prepped, 2025 is ahead. Staff will want to start working on those plans next year and are planning for the years ahead.

- Help set budgets
- Is a first step/first look
- Helps determine if levies need to be set
- If there would be an impact to user fees
- Addresses unfunded projects
- This improves transparency and allows for communication with residents on projects in the plan

How to pay for it:

- Cash Forecasting. In the coming weeks and months as they work through each individual fund budget, this builds the preliminary draft CIP into the forecasts to see if the existing fund structure supports it.
- Identify areas of weaknesses and provide the Council with recommendations on:
 - Levy
 - Utility Rates
 - Bonding
 - Drinking Water Revolving Loan Fund (DWRP). The city should be hearing back soon on their application
 - American Rescue Plan Act Dollars (ARPA). There are \$3.9 million dollars in these funds with the purpose/intent that those dollars could be used to help offset some of the projects if finding deficiencies in funding.

Still on the Horizon: Unprogrammed/Unfunded Projects:

- Larger unprogrammed/unfunded projects, larger facility needs
- Railroad Quiet Zone
- Street Projects:
 - 65th Street: Waiting for the results from the Small Area Plan
 - Akron Avenue: Proposed by Dakota County but not advanced by IGH in 2018
- Utility Projects:
 - Unprogrammed Storm Water Needs
 - Unprogrammed NWA Stormwater Outfalls
 - B-Line Lift Station

Today's Request/Purpose:

- Is staff proposing the right projects
- Do projects seem to be prioritized properly
- Are the timelines appropriate
- Are there any projects missing
- Are there projects in the plan the Council would like removed

Councilmember T'Kach mentioned she did not see acquisition of park land outside of park dedication. She said she felt that was missing based on feedback from the public. The public wants parkland and open space. She said there was discussion about using ARPA funds.

Councilmember Murphy said he believed they were on capital improvement versus acquisition. He was unsure if it fits together.

Finance Director Hove responded if the Council was interested in the acquisition side being a part of capital projects, staff could incorporate it in. She said the question would come down to proposing how to finance, if wanting to consider using ARPA dollars, or shift things in the Park Acquisition and Development Fund.

Councilmember Murphy mentioned it leads to his question about Heritage Village Park and at what point it is about capital improvement and what point it is about acquisition. If talking about now, he

agrees with Councilmember T'Kach, if talking about acquiring parkland, specifically in the northwest, it should be a discussion point for the Council. He understands if it was not about capital improvement.

Finance Director Hove replied if wanting to acquire something, whether land or equipment, that can be added to the capital plan.

City Administrator Wilson stated for example, if having an active annually updated CIP, purchase of the Kundla property for the expansion of public works would have been a logical thing to include. She said this was where capital improvement plans from different cities will differ. Some cities will have a visionary (everything they hope to achieve) other cities are more pragmatic and practical, picking projects they were 95% sure they were going to do because they know where the money is coming from. It is up to individual cities to decide what type of approach they want to take. She said park dedication fees would bring the question about how to pay for it. Currently, the only money the city has for capital investment in parks is from park dedication fees which are paid by development at the time of platting or levying \$300,000 a year to make replacements to parks. Money is saved up for years to do, for example, South Valley. The tennis courts in the capital improvement plan would come from next years \$300,000. It would be a significant new undertaking to find non-park dedication revenues to acquire lands. There can be periodic opportunities that come from State Bonding Funds or Federal Funding.

Councilmember T'Kach questioned if federal dollars were available for protecting and restoring tree canopy. There are a lot of areas that could possibly come under a grant to protect it from development as benefit. She asked how they build it in later in the 5-year plan or go after federal or state dollars.

City Administrator Wilson replied that could be a reason to put a project that seems a little more aspirational into the CIP. Sometimes when applying for grants there will be a stipulation in the city capital improvement plan for how long it has been there. Some funders take that as a sign of the city having thought it through and prioritizing. That could be a reason to have projects in the plan when funding has not yet been identified as it can help the city go after grants.

Councilmember T'Kach mentioned one of the things on the Council workplan was to educate themselves about senior housing and housing issues in general. She does not know where the money would come from or if there was money for it in the budget. She asked if that would be anything they could check into for next year. She was unsure if there was a study or education.

City Administrator Wilson replied it is on the Council's workplan. There are two developments on that front. One is that cities are on tap to receive some of a new/expanded metropolitan area sales tax specifically for affordable housing. Staff is waiting to learn about age groups that may be served with this. Publicly developed affordable housing in the city is done by the Dakota County CDA. Staff has invited the CDA's Executive Director Tony Shertler to present to the EDA Meeting in August. He will discuss development and redevelopment. She said it would be a good idea to ask questions about plans for any additional senior housing in our area.

Finance Director Hove stated there were two Councilmembers that sounded like there was potential interest in putting parkland purchase as a capital improvement item potentially using ARPA Funds or other sources such as regarding other parks spending. She asked if this was something Staff should look at.

Councilmember Scales mentioned he would like to understand it better. His understanding is the plan put together is a realistic plan with revenue streams had and funding available over the next 5 years. If adding aspirational things to it, something is not getting done because the funding is not there in the budget for it, they would have to find the funding somewhere else.

City Administrator Wilson stated that is an accurate summary. The approach staff has taken in developing the 2023-2027 CIP and now the 2024-2028 has been a pragmatic one. It includes projects they can identify a real funding source of. She said it does not have to be done that way. Some cities choose to include more aspirational projects.

Councilmember Scales said he prefers not to get caught in the trap of always pushing something out. He said that is what happens to capital budgets that do not have funding. He said he is unsure if there is a value in adding something that does not have an identified revenue stream to pay for it. He said that doesn't mean they will not get to everything on the list, prices go up on some things and go down on others. He said sometimes it is disappointing to see things get pushed back every year.

Councilmember Murphy said he doesn't disagree. The park in the northwest has been pushed back repeatedly. He questioned if this was capital improvement or park acquisition. If they are the same thing, he believes there needs to be an early discussion about this in the plan. If different, there are potential funding sources such as ARPA and the Host Community Fund.

City Administrator Wilson said this was helpful feedback. She suggests if the Council is agreeable, to let the Finance Director, Parks and Recreation Director, and the City Administrator do further research. Staff would question other cities that were in a stage of development and acquiring park land. Before the Council is asked to adopt the CIP, there would be further discussion on the possibility of adding this component to it.

Mayor Dietrich stated she does not want to miss that residents have called for retail and tax base and what that would look like in the CIP. There are things that are unknown that she would need a more exhaustive list. She said she is tasked with infrastructure and public safety being covered first, which this CIP covers. She would support that.

Finance Director Hove addressed retail and growing tax base stating that a lot of that discussion is starting with the EDA, studies, conversation, and determining if there are larger projects necessary. That is when they are brought into the CIP.

Mayor Dietrich mentioned there were properties the city would be interested in acquiring that she is not ready to verbalize. If something like that were on the table, she would need to check that avenue too.

Finance Director Hove replied she would mark that down to keep it in their thoughts as a property acquisition.

Finance Director Hove asked if there was anything in the list that Council did not think was needed project wise, that Council was surprised at seeing, or wanted more information on.

Councilmember T'Kach shared that she does not understand where funding for fleet vehicles was. She asked where it came in if needing a new street sweeper or plow truck.

Finance Director Hove replied when buying a new piece of equipment staff has been saving for that piece of equipment. Staff looks into how much it would cost, how much it would cost the next time they would need to replace it, and how many years they would have before they need to replace. Staff takes 1/20th of that future cost and creates an allocation the department pays in. When it comes time to buy the vehicle, it is all saved up for the purchase. She said that was how the central equipment allocation works currently.

Councilmember T’Kach questioned how that would work as they expand streets and expand more. She asked for example, if there was a tandem truck for future growth. She mentioned the woodchipper where a second one was needed.

Finance Director Hove replied that was a “next step” that staff has to do the research on. There is no list with future trucks/vehicles needed. She referenced the woodchipper stating that was just put in because staff identified a need. This is the first-year staff has created a more comprehensive CIP. There are still more pieces that staff would need to do research on.

City Administrator Wilson referenced the chapters in the CIP last year and the chapters in the CIP this year; when seeing this next year, staff would hope to have additional chapters. Fleet or rolling stock would not be an uncommon chapter in the CIP. IT or fiber is not uncommon in the CIP. As staff continues to work on this, the CIP will get longer. She mentioned that it takes time to put this together especially in the early years. Staff hopes to have additional components included next year’s CIP.

4. ADJOURN:

Motion by Murphy, second by Scales, to adjourn the meeting at 8:29 p.m.

Ayes: 4

Nays: 0 Motion carried.

Minutes prepared by Recording Secretary Sheri Yourczek

Request for Council Action

SUBJECT: Approval of Disbursements

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Amy Hove, Finance Director, 651.450.2521

ACTION REQUESTED

The Council is asked to adopt the attached resolution, approving disbursements for the period of July 19 – August 8, 2023.

BACKGROUND

The following chart represents a summary by fund type of the disbursements processed during the period of July 19 – August 8, 2023. Disbursement details are attached to this memo.

Fund Type	Amount
General Fund	\$735,547.15
Special Revenue	172,052.00
Debt Service	391,320.01
Capital Projects	1,831,752.52
Enterprise	975,229.81
Internal Service	179,436.18
Escrows	9,836.41
Total - All Funds	4,295,174.08

FISCAL IMPACT

The disbursements are within adopted budgets for the associated funds or have otherwise been approved by the Council.

RECOMMENDATION

Staff recommends approval of the disbursements as presented.

ATTACHMENTS

1. Resolution
2. Disbursements Listing (7.19.2023 - 8.8.2023)

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. __

RESOLUTION APPROVING DISBURSEMENTS FOR THE PERIOD OF

July 19, 2023 - August 8, 2023.

WHEREAS a detailed listing of disbursements for the period of July 19, 2023 - August 8, 2023, was presented to the council for approval.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, MINNESOTA, that payment of the disbursements for the following fund types are approved:

Fund Type	Amount
General Fund	\$735,547.15
Special Revenue	172,052.00
Debt Service	391,320.01
Capital Projects	1,831,752.52
Enterprise	975,229.81
Internal Service	179,436.18
Escrows	9,836.41
Total - All Funds	4,295,174.08

Adopted this 14th day of August 2023 by the City Council of Inver Grove Heights, MN

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



Expense Approval Report

By Fund

Payment Dates 7/19/2023 - 8/8/2023

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
Fund: 101 - GENERAL FUND					
WI SCTF (WI SUPPORT COLLEC...	INV0167852	07/14/2023	PARTICIPANT ID#0004986316	101.203.2032100	433.06
IUOE	INV0167856	07/14/2023	UNION DUES IUOE	101.203.2031000	1,829.00
LELS	INV0167858	07/14/2023	UNION DUES (LELS LIEUTENA...	101.203.2031000	270.00
LELS	INV0167868	07/14/2023	UNION DUES (LELS SGT)	101.203.2031000	472.50
PERA	CM0004615	07/17/2023	PERA POLICE & FIRE PLAN	101.203.2030600	-2,115.68
PERA	CM0004616	07/17/2023	EMPLOYER SHARE (POLICE & F...	101.203.2030600	-3,173.53
MN DEPT OF REVENUE (PAYR...	INV0167883	07/17/2023	STATE WITHHOLDING	101.203.2030300	208.39
EARL F ANDERSEN INC	0133236-IN	07/20/2023	Sign supplies	101.43.5200.443.60016	169.60
OCCUPATIONAL HEALTH CEN...	103801979	07/20/2023	Pre-employment Physicals	101.41.1120.413.30700	543.00
LANGUAGE LINE SERVICES	11043512	07/20/2023	Language Line	101.42.4000.421.30700	507.02
ANCOM TECHNICAL CENTER	115696	07/20/2023	Oakwood Park Siren	101.42.4000.421.60016	105.00
STEPHEN NICHOLSON	1288	07/20/2023	GPS Equipment	101.43.5100.442.60065	195.00
THOMAS MURDOCK	15015	07/20/2023	Hazwoper training multiple p...	101.42.4200.423.50080	1,500.00
MADISON NATIONAL LIFE INS...	1566548	07/20/2023	Monthly premium 7.2023	101.203.2031700	3,213.83
EYEMED	165761809	07/20/2023	Premium 5.2023	101.203.2032700	251.07
EYEMED	165761809	07/20/2023	Premium Adjustment 4.2023	101.203.2032700	31.97
EYEMED	165761809	07/20/2023	Premium Adjustment 3.2023	101.203.2032700	18.31
EYEMED	165761810	07/20/2023	Cobra Premium 5.2023	101.203.2032710	13.66
EYEMED	165845099	07/20/2023	7.2023 Premium	101.203.2032700	251.07
EYEMED	165845101	07/20/2023	Cobra Premium 7.2023	101.203.2032710	13.66
BLACKTOP PROS, LLC	23-0249	07/20/2023	Street repair	101.43.5200.443.40046	13,950.00
C.J. SPRAY, INC.	3235897	07/20/2023	Drum bung wrench	101.43.5200.443.60040	61.35
C.J. SPRAY, INC.	3236102	07/20/2023	Misc supplies	101.43.5200.443.60016	161.90
ABDO, LLP	473779	07/20/2023	Final Progress Billing-2022 Aud...	101.41.2000.415.30700	7,900.00
CENTRAL TURF & IRRIGATION ...	50256430-00	07/20/2023	parts for irrigation systems	101.44.6000.451.40047	1,262.25
CAMPBELL KNUTSON, P.A.	6/30/2023	07/20/2023	Prosecution Matters	101.42.4000.421.30410	19,102.05
LEVANDER, GILLEN & MILLER P..	6/30/2023 81.01	07/20/2023	Council meetings related legal...	101.41.1000.413.30401	560.00
LEVANDER, GILLEN & MILLER P..	6/30/2023 81.01	07/20/2023	Mayor/Council related legal c...	101.41.1000.413.30420	11,996.30
DTN, LLC	6332711	07/20/2023	WxSentry Turf Online-Pro ann...	101.43.5200.443.30700	1,128.00
DTN, LLC	6332711	07/20/2023	WxSentry Turf Online-Pro ann...	101.44.6000.451.30700	1,128.00
MN LIFE INSURANCE CO	691347	07/20/2023	Premium 7.2023	101.203.2030900	3,923.36
MN LIFE INSURANCE CO	691347	07/20/2023	Premium 7.2023	101.203.2030910	102.52
AZ UNDERGROUND	7/12/2023	07/20/2023	Refund permit #PRPL2023001...	101.45.3300.3222000	139.00
TACHENY EXTERIORS	7/13/2023	07/20/2023	Refund permit #PRBD202300...	101.207.2070100	2.78
TACHENY EXTERIORS	7/13/2023	07/20/2023	Refund permit #PRBD202300...	101.45.3300.3221000	136.50
COMCAST	7/5/2023	07/20/2023	cable invoice for Station 1	101.42.4200.423.30700	10.79
METROPOLITAN COUNCIL	7/5/2023CR	07/20/2023	Less: other charges	101.41.0000.3414000	-1,217.65
MADDEN GALANTER HANSEN,...	7/6/2023	07/20/2023	Labor relations services thru 6...	101.41.1120.413.30420	2,004.37
LAURENTINA DEJONG	7/6/2023	07/20/2023	Summer 2023 plantings/main...	101.44.6000.451.30700	777.50
BETTIN INC	7182023	07/20/2023	Refund permit #PRPL2023001...	101.207.2070100	1.00
BETTIN INC	7182023	07/20/2023	Refund permit #PRPL2023001...	101.45.3300.3222000	59.20
ARROW MOWER, INC.	80910	07/20/2023	Brush knife for streets dept.	101.43.5200.443.60040	116.41
UNIFIRST CORPORATION	900775213	07/20/2023	Street's uniforms	101.43.5200.443.60045	34.34
UNIFIRST CORPORATION	900775213	07/20/2023	Park's uniforms	101.44.6000.451.60045	15.93
UNIFIRST CORPORATION	900776487	07/20/2023	streets uniforms	101.43.5200.443.60045	34.34
UNIFIRST CORPORATION	900776487	07/20/2023	parks uniforms	101.44.6000.451.60045	15.93
RCM SPECIALTIES, INC.	9101	07/20/2023	Spray patching	101.43.5200.443.40046	954.48
EXPERT TREE SERVICE AND SC...	9621	07/20/2023	Remove 2 Ash Trees at 2649 ...	101.45.3000.419.30700	900.00
EXPERT TREE SERVICE AND SC...	9745	07/20/2023	hazard trees - Ernster Park	101.44.6000.451.30700	1,200.00
ENTERPRISE FM TRUST	FBN4791128	07/20/2023	Enterprise	101.42.4000.421.70300	20,573.23
DAKOTA 911	IG2023-08	07/20/2023	Monthly Dakota 911 fee 8.20...	101.42.4000.421.70502	61,559.10
DAKOTA 911	IG2023-08	07/20/2023	Monthly Dakota 911 fee 8.20...	101.42.4200.423.70502	6,839.90
INNOVATIVE OFFICE SOLUTIO...	IN4245805	07/20/2023	Cleaning wipes	101.41.1140.413.60010	16.60

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
INNOVATIVE OFFICE SOLUTIO...	IN4246671	07/20/2023	back support	101.41.1140.413.60010	19.60
INNOVATIVE OFFICE SOLUTIO...	IN4247832	07/20/2023	lanyards for park keys	101.44.6100.459.60010	110.25
SAINT PAUL, CITY OF	IN54455	07/20/2023	Asphalt	101.43.5200.443.60016	9,978.08
SAFE-FAST, INC.	INV278229	07/20/2023	Marking paint	101.43.5200.443.60016	189.00
WSB & ASSOCIATES, INC.	R-022068-000-5	07/20/2023	Multi-Family Ord. Update May...	101.45.3200.419.30700	540.25
SWANK MOTION PICTURE INC	RG2017217	07/20/2023	Movie rental for Movie in the ...	101.44.6100.453.60009	425.00
MN DEPT OF REVENUE	June 2023	07/25/2023	Taxes	101.207.2070300	1,220.33
MN DEPT OF REVENUE	June 2023	07/25/2023	Taxes	101.207.2070300	0.35
HALE, WILLIAM	07262023rqst	07/27/2023	Terrific Tuesdays Music in the ...	101.44.6100.453.30700	450.00
CROSSINGS IGH LLC	07262023rqst	07/27/2023	Tax Abatement-1st 1/2 2023	101.58.9100.581.70650	15,390.00
MINNEAPOLIS OXYGEN CO.	111512	07/27/2023	O2 cylinder rental St 3	101.42.4200.423.30700	276.78
MINNEAPOLIS OXYGEN CO.	111513	07/27/2023	O2 cylinder rental St 1	101.42.4200.423.30700	197.70
FIRST IMPRESSION GROUP	146292P	07/27/2023	Fall brochure postage	101.44.6100.459.50035	1,354.76
DAKOTA AWARDS & ENGRAV...	26391	07/27/2023	Name Badge - Trisha Presley - ...	101.44.6100.453.60045	12.00
DAKOTA AWARDS & ENGRAV...	26391	07/27/2023	Name Plates - Tracy Mulcahy ...	101.44.6100.453.60065	34.00
DAKOTA AWARDS & ENGRAV...	26391	07/27/2023	Name Badge - Patti MiKulski - ...	101.45.3000.419.60010	12.00
DAKOTA AWARDS & ENGRAV...	26429	07/27/2023	Outgoing commissioner plaqu...	101.41.1000.413.60065	286.00
LOCALITY MEDIA, INC.	3623	07/27/2023	new software for stations	101.42.4200.423.50072	3,400.00
REVOLUTIONARY SPORTS, LLC	432	07/27/2023	Preschool baseball classes	101.44.6100.454.30700	1,872.00
FIRST IMPRESSION GROUP	4363	07/27/2023	Business Cards - Gubash & Kr...	101.43.5000.441.60010	130.00
AMAZING ATHLETES	457120	07/27/2023	Amazing Athletes preK sports...	101.44.6100.454.30700	1,260.00
ANCOM COMMUNICATIONS, ...	49320	07/27/2023	down payment for USDD stati...	101.42.4200.423.40040	11,108.00
ANCOM COMMUNICATIONS, ...	49320	07/27/2023	down payment for USDD stati...	101.42.4200.423.80800	19,446.00
LOCAL GOVERNMENT INFOR...	53766	07/27/2023	Logis field ops May	101.42.4200.423.50072	215.00
LOCAL GOVERNMENT INFOR...	53825	07/27/2023	Logis field ops June	101.42.4200.423.50072	215.00
LOCAL GOVERNMENT INFOR...	53883	07/27/2023	Logis Field Ops July	101.42.4200.423.50072	215.00
MN SPORTS FEDERATION	6/12/2023	07/27/2023	Adult Men's Softball League: s...	101.44.6100.455.60009	539.90
MN SPORTS FEDERATION	6/12/2023b	07/27/2023	Adult SB league team member...	101.44.6100.455.60009	120.00
MN SPORTS FEDERATION	7/10/2023	07/27/2023	Umpire payment for Adult Sof...	101.44.6100.455.30700	136.00
MARSHALL, ADAM	7/14/2023	07/27/2023	Performance for Movie in the ...	101.44.6100.453.30700	350.00
ESS BROTHERS & SONS INC	DD4877	07/27/2023	Adj rings	101.43.5200.443.40046	267.30
JEFFERSON FIRE & SAFETY, INC.	IN303760	07/27/2023	new hose for stations	101.42.4200.423.60040	13,538.64
SWANK MOTION PICTURE INC	RG3410205	07/27/2023	movie rental for Movie in the ...	101.44.6100.453.60009	425.00
ICMA RETIREMENT TRUST - 4...	INV0169720	07/28/2023	457 - ROTH AGE <50 %	101.203.2031400	1,067.88
ICMA RETIREMENT TRUST - 4...	INV0169721	07/28/2023	457 - ROTH AGE <50	101.203.2031400	505.00
ICMA RETIREMENT TRUST - 4...	INV0169722	07/28/2023	457 - ROTH AGE 50+	101.203.2031400	245.00
ICMA RETIREMENT TRUST - 4...	INV0169723	07/28/2023	457 -AGE <49 %	101.203.2031400	8,708.37
ICMA RETIREMENT TRUST - 4...	INV0169724	07/28/2023	457 -AGE 50+	101.203.2031400	2,585.29
ICMA RETIREMENT TRUST - 4...	INV0169725	07/28/2023	457 -AGE <49	101.203.2031400	7,023.38
ICMA RETIREMENT TRUST - 4...	INV0169726	07/28/2023	457 PLAN -AGE 50+ %	101.203.2031400	1,015.87
MN STATE RETIREMENT SYST...	INV0169727	07/28/2023	457 ROTH IRA (AGE 49 & UND...	101.203.2031400	510.00
AFSCME COUNCIL 5	INV0169728	07/28/2023	UNION DUES (AFSCME FULL S...	101.203.2031000	1,007.28
AFSCME COUNCIL 5	INV0169729	07/28/2023	UNION DUES (AFSCME FULL S...	101.203.2031000	20.98
MINNESOTA DEPARTMENT OF...	INV0169730	07/28/2023	CASE #001570640001	101.203.2032100	342.87
TEXAS STATE DISBURSEMENT...	INV0169731	07/28/2023	CASE #0012022247	101.203.2032100	230.77
MINNESOTA DEPARTMENT OF...	INV0169732	07/28/2023	CASE #001490481201	101.203.2032100	357.72
MINNESOTA DEPARTMENT OF...	INV0169733	07/28/2023	CASE #000115468905	101.203.2032100	65.06
MINNESOTA DEPARTMENT OF...	INV0169734	07/28/2023	CASE #001563363401	101.203.2032100	426.85
MINNESOTA DEPARTMENT OF...	INV0169735	07/28/2023	CASE #001567848502	101.203.2032100	60.45
MINNESOTA DEPARTMENT OF...	INV0169736	07/28/2023	CASE #001521862201	101.203.2032100	200.73
WI SCTF (WI SUPPORT COLLEC...	INV0169737	07/28/2023	PARTICIPANT ID#0004986316	101.203.2032100	433.06
IGH FIRE RELIEF ASSN	INV0169738	07/28/2023	MEMBERSHIP DUES - FIRE REL...	101.203.2031000	412.50
IGH FIRE RELIEF ASSN	INV0169739	07/28/2023	MEMBERSHIP DUES - FIRE REL...	101.203.2031000	90.00
MEDSURETY ACH ONLY	INV0169740	07/28/2023	HSA ELECTION-FAMILY	101.203.2032500	4,109.29
MEDSURETY ACH ONLY	INV0169741	07/28/2023	HSA ELECTION-SINGLE	101.203.2032500	5,442.84
IGH PROFESSIONAL FIREFIGHT...	INV0169742	07/28/2023	UNION DUES (IAFF)	101.203.2031000	504.01
MN STATE RETIREMENT SYST...	INV0169743	07/28/2023	MINNESOTA DEFERRED COM...	101.203.2031400	885.00
MN STATE RETIREMENT SYST...	INV0169744	07/28/2023	MINNESOTA DEFERRED COM...	101.203.2031400	848.76
PERA	INV0169745	07/28/2023	PERA COORDINATED PLAN	101.203.2030600	51,694.16
PERA	INV0169746	07/28/2023	EMPLOYER SHARE (EXTRA PE...	101.203.2030600	3,976.52

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PERA	INV0169747	07/28/2023	PERA POLICE & FIRE PLAN	101.203.2030600	30,318.14
PERA	INV0169748	07/28/2023	EMPLOYER SHARE (POLICE & F...	101.203.2030600	45,477.19
ICMA RETIREMENT TRUST - 4...	INV0169749	07/28/2023	ROTH IRA (AGE 49 & UNDER)	101.203.2032400	3,568.76
ICMA RETIREMENT TRUST - 4...	INV0169750	07/28/2023	ROTH IRA (AGE 50 & OVER)	101.203.2032400	538.46
ICMA RETIREMENT TRUST - 4...	INV0169751	07/28/2023	ROTH-AGE <49 %	101.203.2032400	48.99
EFTPS	INV0169752	07/28/2023	FEDERAL WITHHOLDING	101.203.2030200	76,073.04
MN DEPT OF REVENUE (PAYR...	INV0169753	07/28/2023	STATE WITHHOLDING	101.203.2030300	33,017.96
EFTPS	INV0169754	07/28/2023	MEDICARE WITHHOLDING	101.203.2030500	22,516.92
EFTPS	INV0169755	07/28/2023	SOCIAL SECURITY WITHHOLDI...	101.203.2030400	64,075.80
DAKOTA ELECTRIC ASSN	200001093947 7/21/2023	07/31/2023	Electric	101.43.5400.445.40020	1,481.14
DAKOTA ELECTRIC ASSN	200002468379 7/21/2023	07/31/2023	Electric	101.44.6000.451.40020	1,964.57
DAKOTA ELECTRIC ASSN	200002501658 7/21/2023	07/31/2023	Electric	101.44.6000.451.40020	771.44
DAKOTA ELECTRIC ASSN	200003935632 7/21/2023	07/31/2023	Electric	101.44.6000.451.40020	503.65
DAKOTA ELECTRIC ASSN	200004267134 7/21/2023	07/31/2023	Electric	101.43.5400.445.40020	55.40
DAKOTA ELECTRIC ASSN	200004430542 7/21/2023	07/31/2023	Electric	101.44.6000.451.40020	18.80
DAKOTA ELECTRIC ASSN	200010036635 7/21/2023	07/31/2023	Electric	101.42.4200.423.40020	3,052.68
XCEL ENERGY	834699064	07/31/2023	Street lighting electric charges	101.43.5400.445.40020	12,603.39
XCEL ENERGY	835052200	07/31/2023	FD natural gas charges	101.42.4200.423.40010	462.80
XCEL ENERGY	835052200	07/31/2023	FD electric charges	101.42.4200.423.40020	2,228.59
XCEL ENERGY	835052200	07/31/2023	Street lighting electric charges	101.43.5400.445.40020	1,338.62
XCEL ENERGY	835052200	07/31/2023	Parks natural gas charges	101.44.6000.451.40010	196.06
XCEL ENERGY	835052200	07/31/2023	Parks electric charges	101.44.6000.451.40020	464.89
XCEL ENERGY	835665446	07/31/2023	PD electric	101.42.4000.421.40042	49.57
XCEL ENERGY	836064358 CR	07/31/2023	FD electric charges	101.42.4200.423.40020	-166.12
WELLS FARGO CREDIT CARD A...	Amazon.Com Rm9z81tj3 Swe...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	20.51
WELLS FARGO CREDIT CARD A...	Amazon.Com Sz9a333a3 A Ch...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60011	28.27
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 327di93k3 Lee,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60010	26.28
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 391xq7wj3 Lee,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	102.60
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 6k4zy4z53 Chi...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	104.27
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Cl2x86rw3 Sw...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	33.96
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Ep0p70d93 Mi...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.454.60009	37.99
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us G53aq7np3 U...	07/31/2023	Wells Fargo Purchase Cards	101.43.5200.443.60016	37.78
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Gk2er42z3 Mik...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.60009	79.62
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us If5bz64g3 Mike...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.454.60009	13.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us If5bz64g3 Mike...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.60009	38.99
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Kt2mg00n3 Ch...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	29.94
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us O83pg0ew3 Ch...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	32.40
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Oi60s7qf3 Lee,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	85.97
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Xi8mq71f3 Sw...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	75.06
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Zx1xo4e33 Mi...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	30.66
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	250.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	375.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	300.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	75.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	75.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	75.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	-375.00
WELLS FARGO CREDIT CARD A...	Bca Training Education Lee, Ka...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	-75.00
WELLS FARGO CREDIT CARD A...	Bwana Archery Inc Mikel, Rac...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.454.60009	59.97
WELLS FARGO CREDIT CARD A...	Cab Store Woodbury, Mn Chi...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.40041	150.98
WELLS FARGO CREDIT CARD A...	Cab Store Woodbury, Mn Chi...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.40041	221.95
WELLS FARGO CREDIT CARD A...	City Of Apple Valley R Mikel, R...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.452.50090	139.68
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Bergum, Er...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50075	39.92
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Bernardy, ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.424.50075	72.36
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Chiodo, Mo...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50075	67.93
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Hofmeister...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.50075	129.99
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Hofmeister...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.50075	29.99
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Lee, Katri W...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	41.99
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Lee, Katri W...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	17.96
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Rosendale, ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50075	16.29

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Swenhaugen..	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.60009	18.45
WELLS FARGO CREDIT CARD A...	Delta 00621158034092 Hau...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50065	547.80
WELLS FARGO CREDIT CARD A...	Dick'S Clothing&Sporti Swenh...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.454.60009	-20.22
WELLS FARGO CREDIT CARD A...	Dollar Tree Otis, Josh WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60065	37.50
WELLS FARGO CREDIT CARD A...	Domino'S 1975 Swenhaugen ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.60009	66.61
WELLS FARGO CREDIT CARD A...	Dps Firefighter Licens Bergum,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	150.00
WELLS FARGO CREDIT CARD A...	Dps Firefighter Licens Bergum,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	75.00
WELLS FARGO CREDIT CARD A...	Dps Firefighter Licens Bergum,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	75.00
WELLS FARGO CREDIT CARD A...	Eckberg Lammers Pc Lee, Katri...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	897.00
WELLS FARGO CREDIT CARD A...	Eddie Bauer R226 Haugland, ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60045	99.06
WELLS FARGO CREDIT CARD A...	Ellie Fami Ellie Stor Lee, Katri...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.30700	400.00
WELLS FARGO CREDIT CARD A...	Ellie Fami Ellie Stor Lee, Katri...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.30700	200.00
WELLS FARGO CREDIT CARD A...	Emsstuff Bergum, Er WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	842.18
WELLS FARGO CREDIT CARD A...	Fdic/Jems Chiodo, Mo WF 6/2...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50080	-50.00
WELLS FARGO CREDIT CARD A...	Government Finance Off Paya...	07/31/2023	Wells Fargo Purchase Cards	101.41.2000.415.30700	530.00
WELLS FARGO CREDIT CARD A...	Guardian Supply Decker, Jo W...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60045	189.98
WELLS FARGO CREDIT CARD A...	Holiday Stations 0471 Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50065	49.83
WELLS FARGO CREDIT CARD A...	Holiday Stations 0471 Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50065	56.33
WELLS FARGO CREDIT CARD A...	Holiday Stations 0471 Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50065	55.65
WELLS FARGO CREDIT CARD A...	Hy-Vee Lakeville 1356 Lares, ...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	61.90
WELLS FARGO CREDIT CARD A...	Hy-Vee Lakeville 1356 Rose, R...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60013	10.91
WELLS FARGO CREDIT CARD A...	Iaai Chiodo, Mo WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	103.00
WELLS FARGO CREDIT CARD A...	Int'L Code Council Inc Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	99.63
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Hawki...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60065	4.98
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Hawki...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60065	9.95
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Hawki...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60066	57.95
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Ravn, ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	36.98
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Ravn, ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	36.98
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Ravn, ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60066	30.97
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Sander...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60012	41.98
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Sperl,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60012	11.68
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Wiede...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	8.97
WELLS FARGO CREDIT CARD A...	Jose Pistola S Sharratt, WF 6/...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50075	24.44
WELLS FARGO CREDIT CARD A...	Kohl'S #0219 Otis, Josh WF 6/...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60045	99.90
WELLS FARGO CREDIT CARD A...	Kwik Trip 11600011684 Chio...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50065	55.63
WELLS FARGO CREDIT CARD A...	Lowe's #02313 Oswald, Sc WF ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	34.90
WELLS FARGO CREDIT CARD A...	Mapet Lee, Katri WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50070	35.00
WELLS FARGO CREDIT CARD A...	Mcfoa Kiernan, R WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.41.1140.413.50070	50.00
WELLS FARGO CREDIT CARD A...	Mcfoa Kiernan, R WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.41.1140.413.50070	50.00
WELLS FARGO CREDIT CARD A...	Mcfoa Kiernan, R WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.41.1140.413.50070	50.00
WELLS FARGO CREDIT CARD A...	Mcfoa Wonick, Ju WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.41.1100.413.50070	50.00
WELLS FARGO CREDIT CARD A...	Menards Cottage Grove Ravn,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.40047	119.99
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Sperl,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.40040	141.76
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Sperl,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.40047	314.70
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Sperl,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60040	94.74
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Sperl,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60040	84.97
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Sperl,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60065	123.64
WELLS FARGO CREDIT CARD A...	Msasafetysalesllc Chiodo, Mo...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50080	2,310.00
WELLS FARGO CREDIT CARD A...	National Association O Haugla...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	40.00
WELLS FARGO CREDIT CARD A...	Nfpa Natl Fire Protect Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	1,552.50
WELLS FARGO CREDIT CARD A...	Nfpa Natl Fire Protect Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50070	103.49
WELLS FARGO CREDIT CARD A...	Northfield Lines Burger, Te WF..	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.70600	458.15
WELLS FARGO CREDIT CARD A...	Npca.Net Rose, Ryan WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60013	80.00
WELLS FARGO CREDIT CARD A...	Playpass Business Mikel, Rac ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.455.30700	9.50
WELLS FARGO CREDIT CARD A...	Playpass Business Mikel, Rac ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.455.30700	9.50
WELLS FARGO CREDIT CARD A...	Rascals Bar & Grill Johnson, S...	07/31/2023	Wells Fargo Purchase Cards	101.45.3300.419.50075	65.88
WELLS FARGO CREDIT CARD A...	River Heights Marina I Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	8.49
WELLS FARGO CREDIT CARD A...	Royal Canin Usa Rose, Ryan W...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60013	230.04
WELLS FARGO CREDIT CARD A...	Sams Club #4738 Mikel, Rac ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	19.96
WELLS FARGO CREDIT CARD A...	Samsclub #4736 Rose, Ryan ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60013	38.44

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WELLS FARGO CREDIT CARD A...	Samsclub #4738 Lares, Ada W...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	681.38
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Lee, Katri WF...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50080	207.59
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Mikel, Rac WF...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	15.82
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Mikel, Rac WF...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.60009	59.98
WELLS FARGO CREDIT CARD A...	Samsclub.Com Mikel, Rac WF ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.452.60009	17.61
WELLS FARGO CREDIT CARD A...	Samsclub.Com Swenhausen ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.459.60009	61.72
WELLS FARGO CREDIT CARD A...	Sensible Land Use Coal Payabl...	07/31/2023	Wells Fargo Purchase Cards	101.45.3000.419.50080	48.00
WELLS FARGO CREDIT CARD A...	Sensible Land Use Coal Payabl...	07/31/2023	Wells Fargo Purchase Cards	101.45.3000.419.50080	96.00
WELLS FARGO CREDIT CARD A...	Simplifile.Com Kiernan, R WF ...	07/31/2023	Wells Fargo Purchase Cards	101.45.3200.419.30700	52.33
WELLS FARGO CREDIT CARD A...	Simplifile.Com Kiernan, R WF ...	07/31/2023	Wells Fargo Purchase Cards	101.45.3200.419.30700	52.33
WELLS FARGO CREDIT CARD A...	South Metro Animal Eme Lee,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60013	1,038.72
WELLS FARGO CREDIT CARD A...	South Metro Animal Eme Lee,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60013	-282.94
WELLS FARGO CREDIT CARD A...	Speedway 04534 Rose, Ryan ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50065	40.00
WELLS FARGO CREDIT CARD A...	Sq Mik Mart Ice Cream Bauer,...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	100.00
WELLS FARGO CREDIT CARD A...	Sq Phancy Face Painti Lee, Kat..	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	405.00
WELLS FARGO CREDIT CARD A...	Sscor, Inc Chiodo, Mo WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.40042	70.00
WELLS FARGO CREDIT CARD A...	Talewise Mikel, Rac WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.30700	375.00
WELLS FARGO CREDIT CARD A...	Target 00003608 Looze, ...	07/31/2023	Wells Fargo Purchase Cards	101.41.1300.413.60040	64.87
WELLS FARGO CREDIT CARD A...	Target.Com Bauer, Cor WF 6/...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	25.00
WELLS FARGO CREDIT CARD A...	Target.Com Bauer, Cor WF 6/...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	25.00
WELLS FARGO CREDIT CARD A...	Target.Com Bauer, Cor WF 6/...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	25.00
WELLS FARGO CREDIT CARD A...	Target.Com Bauer, Cor WF 6/...	07/31/2023	Wells Fargo Purchase Cards	101.41.1120.413.60001	25.00
WELLS FARGO CREDIT CARD A...	The Corner Store Chiodo, Mo...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.40041	38.77
WELLS FARGO CREDIT CARD A...	The Corner Store Chiodo, Mo...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.40041	29.38
WELLS FARGO CREDIT CARD A...	The Corner Store Chiodo, Mo...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.40041	26.45
WELLS FARGO CREDIT CARD A...	The Corner Store Hawkins, J ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	139.22
WELLS FARGO CREDIT CARD A...	The Corner Store Hawkins, J ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	90.90
WELLS FARGO CREDIT CARD A...	The Corner Store Hawkins, J ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	61.67
WELLS FARGO CREDIT CARD A...	The Corner Store Hawkins, J ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	38.99
WELLS FARGO CREDIT CARD A...	The Corner Store Hawkins, J ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	134.43
WELLS FARGO CREDIT CARD A...	The Corner Store Hawkins, J ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60016	137.95
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Chiod...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	228.43
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Hawk...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60065	131.87
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Jacks...	07/31/2023	Wells Fargo Purchase Cards	101.43.5200.443.60016	46.93
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Oswa...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	221.29
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Ravn,...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60065	100.82
WELLS FARGO CREDIT CARD A...	Theapparellab.Net Lee, Katri ...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60045	90.00
WELLS FARGO CREDIT CARD A...	Towelhub Bergum, Er WF 6/23	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	540.23
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Berna...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60040	11.77
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Haugl...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	11.99
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Jacks...	07/31/2023	Wells Fargo Purchase Cards	101.43.5200.443.60016	37.99
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Oswa...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.60065	8.98
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Ravn, ...	07/31/2023	Wells Fargo Purchase Cards	101.44.6000.451.60065	69.98
WELLS FARGO CREDIT CARD A...	Uline Ship Supplies Lee, Katri...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60065	357.51
WELLS FARGO CREDIT CARD A...	Under Armour Retail Of Haugl...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60045	277.19
WELLS FARGO CREDIT CARD A...	University Of Minnesot Otis, J...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50075	11.83
WELLS FARGO CREDIT CARD A...	University Of Minnesot Otis, J...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50075	6.10
WELLS FARGO CREDIT CARD A...	Usps Po 2688010540 Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	101.42.4200.423.50035	16.15
WELLS FARGO CREDIT CARD A...	Wal-Mart #1786 Swenhausen...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	26.28
WELLS FARGO CREDIT CARD A...	Wal-Mart #5089 Lee, Katri WF...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.60068	505.03
WELLS FARGO CREDIT CARD A...	Wal-Mart #5089 Mikel, Rac W...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.452.60009	9.94
WELLS FARGO CREDIT CARD A...	Wal-Mart #5089 Mikel, Rac W...	07/31/2023	Wells Fargo Purchase Cards	101.44.6100.453.60009	36.40
WELLS FARGO CREDIT CARD A...	Zoom.Us 888-799-9666 Chiod...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50070	15.99
WELLS FARGO CREDIT CARD A...	Zoom.Us 888-799-9666 Lee, K...	07/31/2023	Wells Fargo Purchase Cards	101.42.4000.421.50070	12.79
EARL F ANDERSEN INC	0133391-IN	08/04/2023	Sign repair	101.43.5200.443.60016	115.00
EARL F ANDERSEN INC	0133445-IN	08/04/2023	sign maintenance	101.43.5200.443.60016	150.50
DAJ ENTERPRISES LLC (ECO W...	07242023-1	08/04/2023	screens w/ padding	101.44.6000.451.60065	1,643.17
DOUGLAS JOSEPH JAKACKI	07272023rqs	08/04/2023	Umpire fees for Adult Softball ...	101.44.6100.455.30700	408.00
UNIFIRST CORPORATION	090 0777896	08/04/2023	Street uniforms	101.43.5200.443.60045	43.14
UNIFIRST CORPORATION	090 0777896	08/04/2023	Parks uniforms	101.44.6000.451.60045	15.93

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OCCUPATIONAL HEALTH CEN...	103805921	08/04/2023	Pre-employment physcial	101.41.1120.413.30700	162.00
ANCOM TECHNICAL CENTER	114973	08/04/2023	Replacement batteries	101.42.4000.421.60016	638.36
MTI DISTRIBUTING CO	1396833-00	08/04/2023	irrigation parts	101.44.6000.451.40047	158.80
UNIFIRST CORPORATION	1410000294	08/04/2023	Streets Uniforms	101.43.5200.443.60045	34.34
UNIFIRST CORPORATION	1410000294	08/04/2023	Parks Uniforms	101.44.6000.451.60045	15.93
UNIFIRST CORPORATION	1410001746	08/04/2023	Streets uniforms	101.43.5200.443.60045	34.34
UNIFIRST CORPORATION	1410001746	08/04/2023	Parks uniforms	101.44.6000.451.60045	15.93
CULLIGAN	157985524824X07312023	08/04/2023	RV bottled water filters/parts	101.44.6000.451.40040	592.00
CULLIGAN	157985524824X07312023	08/04/2023	RV bottled water svc	101.44.6000.451.40050	11.30
CULLIGAN	157985524824X07312023	08/04/2023	RV bottled water	101.44.6000.451.60065	47.25
KIRI ANN FAUL	1602	08/04/2023	Harrington Pre-employment p...	101.42.4000.421.70501	650.00
SKYHAWKS SPORTS ACADEMY,...	17521	08/04/2023	Contract for services for sum...	101.44.6100.454.30700	567.60
PROTOUCH PAINTING, INC.	18699	08/04/2023	Skyview Park hockey boards p...	101.44.6000.451.30700	3,560.00
PRECISE MRM	200-1043770	08/04/2023	Truck Data	101.43.5200.443.30700	110.00
GERTENS	206529/12	08/04/2023	ice melt	101.43.5200.443.60016	148.00
GERTENS	206530/12	08/04/2023	Seed for sod repair	101.43.5200.443.60016	232.00
BLACKTOP PROS, LLC	23-0256	08/04/2023	Vista Pines additional parking ...	101.44.6000.451.40046	5,000.00
SIGNWAREHOUSE, INC.	25684	08/04/2023	sign repair	101.43.5200.443.60016	200.65
SIGNWAREHOUSE, INC.	25891	08/04/2023	sign repair	101.43.5200.443.60016	214.14
SOLBERG AGGREGATE CO	27623	08/04/2023	class 5 crushed lime	101.43.5200.443.60016	1,194.20
M & J SERVICES, LLC	2776	08/04/2023	fill & grade in NW parks	101.44.6000.451.30700	2,480.00
M & J SERVICES, LLC	2780	08/04/2023	curb repair	101.43.5200.443.40046	9,840.00
ASPEN MILLS	317372	08/04/2023	Harrington Uniform	101.42.4000.421.60045	2,668.92
HANCE UTILITY SERVICES INC	34172	08/04/2023	dog park locating svc	101.44.6000.451.30700	189.00
VERIFIED HOLDINGS, LLC	344691	08/04/2023	Pre-employment Background ...	101.41.1120.413.30700	163.75
TOTAL CONSTRUCTION & EQU...	36952	08/04/2023	replaced GFI breaker at Oakw...	101.44.6000.451.40040	518.09
SHERWIN-WILLIAMS CO.	3708-4	08/04/2023	paint for parking lot lines	101.44.6000.451.40047	116.95
CENTRAL TURF & IRRIGATION ...	50257769-00	08/04/2023	irrigation parts	101.44.6000.451.40047	6.05
CENTRAL TURF & IRRIGATION ...	50257778-00	08/04/2023	irrigation parts	101.44.6000.451.40047	51.62
CENTRAL TURF & IRRIGATION ...	50258220-00	08/04/2023	parts for irrigation	101.44.6000.451.40047	189.62
BROADWAY AWARDS	53339	08/04/2023	Medals for Safety Camp.	101.44.6100.452.60009	613.49
LOCAL GOVERNMENT INFOR...	53758	08/04/2023	Division software	101.42.4000.421.50072	2,741.00
LOCAL GOVERNMENT INFOR...	53817	08/04/2023	Division Software	101.42.4000.421.50072	2,741.00
LOCAL GOVERNMENT INFOR...	53875	08/04/2023	Divison software	101.42.4000.421.50072	2,741.00
DAKOTA CTY FINANCIAL SVCS	5500988	08/04/2023	PD Radios	101.42.4000.421.70501	1,843.07
DAKOTA CTY FINANCIAL SVCS	5500988	08/04/2023	MHZ subscriber fee	101.42.4200.423.30700	1,726.42
DAKOTA CTY FINANCIAL SVCS	5500988	08/04/2023	PW Radios	101.43.5200.443.30700	46.66
BRYAN ROCK PRODUCTS	59845	08/04/2023	ballfield diamond dirt	101.44.6000.451.60065	2,020.10
KROOG, RACHAEL	6/30/2023	08/04/2023	Terrific Tuesdays Music in the ...	101.44.6100.453.30700	400.00
K.K. SPECIALIZED SERVICES, IN...	7/23/2023	08/04/2023	Flood maintenace	101.43.5200.443.40046	1,500.00
ADAM BIENFANG	7/26/2023	08/04/2023	Fill in Umpire payment for no...	101.44.6100.455.30700	34.00
JEREMY CARLSON	7/27/2023	08/04/2023	Umpire payment for Adult Sof...	101.44.6100.455.30700	136.00
KRECH EXTERIORS	7/28/2023	08/04/2023	Refund permit #PRBD202300...	101.207.2070100	1.00
ISD #199	7/28/2023	08/04/2023	Refund overpayment on invoi...	101.42.4000.3425000	252.00
KRECH EXTERIORS	7/28/2023	08/04/2023	Refund permit #PRBD202300...	101.45.3300.3221000	115.00
BIG TOP RENTAL, INC.	73985	08/04/2023	Port a potties 6.2023	101.44.6000.451.40065	3,362.00
BIG TOP RENTAL, INC.	73986	08/04/2023	Monthly port a potties for par...	101.44.6000.451.40065	3,398.00
ENEBAK CONSTRUCTION CO...	8/2/2023	08/04/2023	Refund permit #PRPL2023001...	101.207.2070100	1.00
ENEBAK CONSTRUCTION CO...	8/2/2023	08/04/2023	Refund permit #PRPL2023001...	101.45.3300.3222000	139.00
HOLIDAY COMPANIES	80901082300	08/04/2023	Squad washes	101.42.4000.421.40041	160.00
MOTOROLA SOLUTIONS, INC.	8281672697	08/04/2023	Mount Rack Kit	101.42.4000.421.60040	144.00
SPEED PRINT INC	89393	08/04/2023	printing EMS forms for trucks	101.42.4200.423.50030	26.25
VERIZON WIRELESS	9022325986	08/04/2023	SRG Phone warrant	101.42.4000.421.30700	85.00
DAJ ENTERPRISES LLC (ECO W...	9080	08/04/2023	fertilizer	101.44.6000.451.60030	3,024.00
J.J. KELLER & ASSOCIATES, INC.	9108212360	08/04/2023	Employment Law Posters _re...	101.41.1120.413.30700	443.52
EXPERT TREE SERVICE AND SC...	9743	08/04/2023	tree removal services	101.43.5200.443.40046	2,225.00
EXPERT TREE SERVICE AND SC...	9746	08/04/2023	Tree removal services	101.43.5200.443.40046	3,875.00
EXPERT TREE SERVICE AND SC...	9772	08/04/2023	Remove & Dispose 3 Ash Trees..	101.45.3000.419.30700	1,750.00
EXPERT TREE SERVICE AND SC...	9838	08/04/2023	Remove Ash Tree at 4525 Aug...	101.45.3000.419.30700	3,700.00
SENTINEL MN LLC	IGHOSS556k-2	08/04/2023	Suppressors	101.42.4000.421.60018	1,790.00

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ELLIE FAMILY SERVICES PLLP	IGHPD-07172023	08/04/2023	Dept. Sessions	101.42.4000.421.30700	480.00
JASON THOMAS CARDINAL	IGHPD23-3	08/04/2023	background E.Anderson	101.42.4000.421.30701	1,500.00
ZIEGLER INC	IN001084008	08/04/2023	Compact track loader rental	101.43.5200.443.40050	2,130.10
GEOTAB USA, INC.	IN349404	08/04/2023	Proplus Plan	101.42.4000.421.50072	283.05
INNOVATIVE OFFICE SOLUTIO...	IN4251030	08/04/2023	AA batteries	101.41.2000.415.60010	6.82
INNOVATIVE OFFICE SOLUTIO...	IN4269375	08/04/2023	Planner and note pads	101.41.1100.413.60010	71.43
INNOVATIVE OFFICE SOLUTIO...	IN4272758	08/04/2023	dymo labels	101.45.3200.419.60010	20.06
INNOVATIVE OFFICE SOLUTIO...	IN4275211	08/04/2023	Office Supplies	101.42.4000.421.60010	342.43
INNOVATIVE OFFICE SOLUTIO...	IN4276322	08/04/2023	batteries	101.41.1120.413.60010	6.82
Fund 101 - GENERAL FUND Total:					735,547.15

Fund: 201 - C.V.B. FUND

RUSS M. LOWTHIAN	4060	08/04/2023	2023 MN Bike/Hike Guide Prin...	201.44.1600.465.50025	2,540.00
STACY ANN BROOKS	446	08/04/2023	December 2022 blog posts	201.44.1600.465.50025	225.00
STACY ANN BROOKS	450	08/04/2023	Blog Post (Prorated from \$225...	201.44.1600.465.50025	112.50
STACY ANN BROOKS	468	08/04/2023	April blog posts	201.44.1600.465.50025	245.00
STACY ANN BROOKS	477	08/04/2023	May blog posts	201.44.1600.465.50025	245.00
STACY ANN BROOKS	479	08/04/2023	June blog posts	201.44.1600.465.50025	245.00
ENSEMBLE CREATIVE & MARK...	IGH073123	08/04/2023	Marketing IGH CVB June & July..	201.44.1600.465.50025	4,025.00
Fund 201 - C.V.B. FUND Total:					7,637.50

Fund: 205 - COMMUNITY CENTER-OPERATING FUND

APEC	125230	07/20/2023	HVAC filters	205.44.6200.453.60016	192.72
HUEBSCH SERVICES	20242888	07/20/2023	lobby mats	205.44.6200.453.40065	80.61
HUEBSCH SERVICES	20242888	07/20/2023	lobby mats	205.44.6200.453.40065	322.48
PERFECTION PLUS, INC	314771	07/20/2023	Monthly cleaning svcs 7.2023	205.44.6200.453.40040	6,912.70
VSI CONSTRUCTION, INC.	423030	07/20/2023	cabinets & cabinet top - 2nd i...	205.44.6200.453.40040	1,451.38
TWIN SOURCE SUPPLY	505297	07/20/2023	cleaning supplies	205.44.6200.453.60011	199.34
TWIN SOURCE SUPPLY	505297	07/20/2023	cleaning supplies	205.44.6200.453.60011	199.35
TWIN SOURCE SUPPLY	505307	07/20/2023	cleaning supplies	205.44.6200.453.60011	262.91
TWIN SOURCE SUPPLY	505307	07/20/2023	cleaning supplies	205.44.6200.453.60011	262.92
MEDICINE LAKE TOURS	6/28/2023	07/20/2023	Senior trip payment to Northf...	205.44.6200.453.50090	1,001.00
HAWKINS, INC.	6522760	07/20/2023	pool chemicals	205.44.6200.453.60024	5,322.30
EMI AUDIO	69093	07/20/2023	AV system install in last Comm...	205.44.6200.453.40040	15,489.98
COMCAST	7/12/2023	07/20/2023	VMCC cable TV	205.44.6200.453.50070	328.10
MN DEPT OF REVENUE	June 2023	07/25/2023	Taxes	205.207.2070300	17,338.86
DANIEL BAUER	1005	07/27/2023	HVAC repairs	205.44.6200.453.40040	725.00
DANIEL BAUER	1024	07/27/2023	CU3 breaker repair	205.44.6200.453.40040	2,360.00
DANIEL BAUER	1027	07/27/2023	AHU8 repair	205.44.6200.453.40040	375.00
DANIEL BAUER	1028	07/27/2023	HVAC repairs	205.44.6200.453.40040	3,606.25
DANIEL BAUER	1028	07/27/2023	HVAC repairs	205.44.6200.453.40040	3,606.25
FIRST IMPRESSION GROUP	145246	07/27/2023	guest pass cards	205.44.6200.453.50030	205.00
FIRST IMPRESSION GROUP	146292P	07/27/2023	Fall brochure postage	205.44.6200.453.50035	2,032.13
FIRST IMPRESSION GROUP	4363	07/27/2023	Business Cards - Seabright	205.44.6200.453.50030	65.00
SHERWIN-WILLIAMS CO.	5078-8	07/27/2023	paint for repairs	205.44.6200.453.60016	58.74
SAFE-WAY BUS COMPANY	5805	07/27/2023	Busing for Kids Rock field trip	205.44.6200.453.70610	405.84
HAWKINS, INC.	6531748	07/27/2023	pool chemical	205.44.6200.453.60024	27.00
XCEL ENERGY	835052200	07/31/2023	Aquatic center natural gas cha...	205.44.6200.453.40010	3,993.34
XCEL ENERGY	835668945	07/31/2023	Ice arena load profile natural ...	205.44.6200.453.40010	1,324.91
XCEL ENERGY	835668945	07/31/2023	Ice arena load profile electric	205.44.6200.453.40020	8,357.38
XCEL ENERGY	835668945	07/31/2023	Aquatic center electric charges	205.44.6200.453.40020	14,051.24
WELLS FARGO CREDIT CARD A...	Aed Superstore Hofmeister W...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60018	178.85
WELLS FARGO CREDIT CARD A...	Amazon.Com Ev2c41ha3 Hof...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	3.97
WELLS FARGO CREDIT CARD A...	Amazon.Com G99z70ax3 A Sti...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	26.58
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 4l9lf81a3 Swe...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	23.97
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 4z4cs1683 Stier..	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	69.46
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Dn0e95843 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	7.99
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us E15nv6xd3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	19.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Fi8gh4gi3 Hof...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	160.17
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us G930c4kc3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	230.91
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Ht1s73jh3 Mik...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	6.87
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Hx99m65z3 S...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	19.98

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Hy1rh7b93 Ho...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	39.96
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Iz7fk7l43 Stier,...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	75.27
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us P50kt9zw3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	26.43
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us P65376d43 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	53.97
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Pg1df5lm3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	21.00
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Qw08652n3 M...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	97.00
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Rv3y756z3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	16.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Su5te7m23 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	8.28
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Tz6gq0o43 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	33.75
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us V21pq21m3 H...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	143.22
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Vd6ql2uz3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	99.12
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Wh86p5on3 S...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	19.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Xu52b7eq3 Sti...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	18.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Xz1c298g3 Sw...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	19.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Yy8nv4gi3 Swe...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	32.37
WELLS FARGO CREDIT CARD A...	Caribou Coffee Co #114 Crary,...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	57.59
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Hofmeister...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50075	129.99
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Hofmeister...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50075	29.99
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Hofmeister...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	23.96
WELLS FARGO CREDIT CARD A...	Department Of Labor An Stier,...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50070	20.00
WELLS FARGO CREDIT CARD A...	Heartsmart Hofmeister WF 6/...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	419.00
WELLS FARGO CREDIT CARD A...	Horizon Commercial Poo Stier,...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60080	385.00
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Bods...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	16.98
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Bods...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	45.97
WELLS FARGO CREDIT CARD A...	Kat-Keys Safe & Lock Bodsberg..	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	11.54
WELLS FARGO CREDIT CARD A...	Minnesota Community Ed Cra...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50080	349.00
WELLS FARGO CREDIT CARD A...	Online River, Llc Abrahamson...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	561.50
WELLS FARGO CREDIT CARD A...	Salsbury Industries Gill, Jere ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	40.99
WELLS FARGO CREDIT CARD A...	Sams Club #4738 Mikel, Rac ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60010	193.30
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Abrahamson...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	13.86
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Hofmeister ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	186.84
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Swenhaugen ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	187.44
WELLS FARGO CREDIT CARD A...	Samsclub.Com Swenhaugen ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60040	21.14
WELLS FARGO CREDIT CARD A...	Stages Theatre Company Swe...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50090	482.00
WELLS FARGO CREDIT CARD A...	Stages Theatre Company Swe...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50090	16.00
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Bods...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	17.64
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Roach...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	43.61
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Roach...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.40040	47.87
WELLS FARGO CREDIT CARD A...	The Works Swenhaugen WF 6...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50090	826.00
WELLS FARGO CREDIT CARD A...	Wal-Mart #5089 Hofmeister ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	40.96
WELLS FARGO CREDIT CARD A...	Wal-Mart #5089 Hofmeister ...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	35.76
WELLS FARGO CREDIT CARD A...	Wal-Mart #5089 Mikel, Rac W...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.60065	11.82
WELLS FARGO CREDIT CARD A...	Zumba Fitness Crary, Amy WF...	07/31/2023	Wells Fargo Purchase Cards	205.44.6200.453.50070	38.99
R & R SPECIALTIES OF WI, INC.	0079389-IN	08/04/2023	zamboni blade sharpening	205.44.6200.453.40042	115.00
DANIEL BAUER	1040	08/04/2023	AHU-3 repairs	205.44.6200.453.40040	160.00
DANIEL BAUER	1046	08/04/2023	repairs to Zam room exhaust f...	205.44.6200.453.40040	285.00
CULLIGAN	157011438908X07312023	08/04/2023	softener salt	205.44.6200.453.60016	331.44
CULLIGAN	157011438908X07312023	08/04/2023	softener salt	205.44.6200.453.60016	82.86
TOTAL CONSTRUCTION & EQU...	36953	08/04/2023	change doors to mag holds for...	205.44.6200.453.40040	6,018.49
TOTAL CONSTRUCTION & EQU...	36953	08/04/2023	change doors to magnetic hol...	205.44.6200.453.40040	6,018.49
TWIN SOURCE SUPPLY	505538	08/04/2023	cleaning supplies	205.44.6200.453.60011	419.20
TWIN SOURCE SUPPLY	505538	08/04/2023	cleaning supplies	205.44.6200.453.60011	419.19
TWIN SOURCE SUPPLY	505540	08/04/2023	cleaning supply	205.44.6200.453.60011	208.05
TWIN SOURCE SUPPLY	505540	08/04/2023	cleaning supply	205.44.6200.453.60011	208.05
KENDELL DOORS & HARDWARE	IN081291	08/04/2023	key blanks	205.44.6200.453.60065	124.60
KENDELL DOORS & HARDWARE	IN081291	08/04/2023	key blanks	205.44.6200.453.60065	124.60
TOTAL MECHANICAL SERVICES...	PM4911	08/04/2023	PM for Aug-Oct 2023	205.44.6200.453.40040	945.31
TOTAL MECHANICAL SERVICES...	PM4911	08/04/2023	PM for Aug-Oct 2023	205.44.6200.453.40040	945.32
Fund 205 - COMMUNITY CENTER-OPERATING FUND Total:					112,673.09

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
Fund: 206 - COMMUNITY CENTER-CAPITAL FUND					
LVC COMPANIES, INC.	117736	07/20/2023	fire alarm door openers	206.44.6200.459.80200	3,589.51
TWIN CITY HARDWARE	PSI2202392	07/20/2023	replace West Rink entry doors	206.44.6200.459.80200	10,000.00
RETROFIT COMPANIES INC	J1504B-IN	07/27/2023	balance on VMCC rink lighting ...	206.44.6200.459.80200	4,800.00
KENDELL DOORS & HARDWARE	IN081048	08/04/2023	re-keyed exterior door locks	206.44.6200.459.80200	5,081.00
Fund 206 - COMMUNITY CENTER-CAPITAL FUND Total:					23,470.51
Fund: 270 - HOST COMMUNITY FUND					
DAKOTA CTY FINANCIAL SVCS	5500687	07/20/2023	Oakwood park and pinebend li..	270.47.1400.413.80800	12,044.90
BARR ENGINEERING COMPANY	23190218.00-319	08/04/2023	Progress on Environmental Te...	270.75.5900.751.30700	7,769.00
GREENE ESPEL PLLP	88364	08/04/2023	Legal advice & representation...	270.75.5900.751.30420	573.00
Fund 270 - HOST COMMUNITY FUND Total:					20,386.90
Fund: 290 - EDA-OPERATING FUND					
KRUEGER REAL ESTATE ADVIS...	7/31/2023	08/04/2023	Monthly services 7.2023	290.45.3000.419.30700	7,800.00
Fund 290 - EDA-OPERATING FUND Total:					7,800.00
Fund: 291 - EDA-ACQUISITIONS FUND					
LEVANDER, GILLEN & MILLER P..	6/30/2023 81.01	07/20/2023	McPhillips acquisition related l...	291.45.3000.419.30420	84.00
Fund 291 - EDA-ACQUISITIONS FUND Total:					84.00
Fund: 365 - G.O. IMPR BONDS 2015A					
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2015A interest	365.57.9000.570.90200	65,925.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2015A agent fees	365.57.9000.570.90300	475.00
Fund 365 - G.O. IMPR BONDS 2015A Total:					66,400.00
Fund: 367 - G.O. CAPITAL IMPR REF BONDS, 2016A					
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2016B interest	367.57.9000.570.90200	94,468.75
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2016A agent fees	367.57.9000.570.90300	475.00
Fund 367 - G.O. CAPITAL IMPR REF BONDS, 2016A Total:					94,943.75
Fund: 369 - G.O. IMPR BONDS 2017B					
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2017B interest	369.57.9000.570.90200	32,818.76
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2017B agent fees	369.57.9000.570.90300	475.00
Fund 369 - G.O. IMPR BONDS 2017B Total:					33,293.76
Fund: 392 - G.O. CAP IMPR BONDS 2018A-FIRE STATION					
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2018A interest	392.57.9000.570.90200	154,542.50
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2018A agent fees	392.57.9000.570.90300	475.00
Fund 392 - G.O. CAP IMPR BONDS 2018A-FIRE STATION Total:					155,017.50
Fund: 393 - G.O. CAP IMPR BONDS 2019A-FIRE STATION					
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2019A interest	393.57.9000.570.90200	36,850.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2019A agent fees	393.57.9000.570.90300	475.00
Fund 393 - G.O. CAP IMPR BONDS 2019A-FIRE STATION Total:					37,325.00
Fund: 394 - G.O. REFUND BONDS 2020A (10B)					
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2020A interest	394.57.9000.570.90200	3,865.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2020A agent fees	394.57.9000.570.90300	475.00
Fund 394 - G.O. REFUND BONDS 2020A (10B) Total:					4,340.00
Fund: 401 - PARK CAPITAL REPLACEMENT					
HOISINGTON KOEGLER GROUP..	021-002-27	07/20/2023	South Valley construction sup...	401.44.5900.744.30700	1,910.00
WEBER, INC.	6/27/2023	07/27/2023	Project 2021-14 PV #2	401.44.5900.744.80300	86,867.46
LANDSCAPE STRUCTURES INC.	131763	08/04/2023	South Valley playstructure	401.44.5900.744.80300	200,989.96
BRAUN INTERTEC CORPORATI...	8351800	08/04/2023	SV testing & inspections	401.44.5900.744.30700	2,023.00
Fund 401 - PARK CAPITAL REPLACEMENT Total:					291,790.42
Fund: 402 - PARK ACQUISITION & DEVELOPMENT FUND					
MINNESOTA/WISCONSIN PLA...	2023284	07/27/2023	playground equipment	402.44.6000.451.80800	65,611.24
MINNESOTA/WISCONSIN PLA...	2023298	07/27/2023	Overlook Ridge playground eq...	402.44.6000.451.80800	11,133.89
KIMLEY-HORN & ASSOCIATES, ...	25264665	08/04/2023	Vista Pines Parks Trail Constru...	402.44.6000.451.30700	1,732.54
R&T CEMENT	7/31/2023	08/04/2023	Vista Pines curbs installed	402.44.6000.451.60065	1,040.00
Fund 402 - PARK ACQUISITION & DEVELOPMENT FUND Total:					79,517.67
Fund: 436 - 117TH STREET RECONSTRUCTION					
LEVANDER, GILLEN & MILLER P..	6/30/2023 81.09	07/13/2023	Landfill Agreement Review	436.73.5900.736.30420	290.00
SRF CONSULTING GROUP, INC	13074.00-26	07/20/2023	117th St. Preliminary Design	436.73.5900.736.30300	691.20

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SRF CONSULTING GROUP, INC	16424.00-2	07/20/2023	117th St. reconstruction Final...	436.73.5900.736.30300	37,744.35
Fund 436 - 117TH STREET RECONSTRUCTION Total:					38,725.55
Fund: 440 - PAVEMENT MGMT-LOCAL STREETS					
MEYER CONTRACTING, INC.	6/28/2023	07/20/2023	Project 2023-09D pay voucher...	440.74.5900.740.80300	224,248.95
PINE BEND PAVING, INC.	23-1996	07/27/2023	Dickman Trl project	440.74.5900.740.60016	51,301.76
KIMLEY-HORN & ASSOCIATES, ...	25264667	08/04/2023	Feasibility Study	440.74.5900.740.30300	5,717.50
MCNAMARA CONTRACTING I...	7/7/2023	08/04/2023	Pay Voucher #2, Project 2022...	440.74.5900.740.80300	895,974.80
Fund 440 - PAVEMENT MGMT-LOCAL STREETS Total:					1,177,243.01
Fund: 443 - TREE REPLACEMENT FUND					
SHAKOPEE MDEWAKANTON S...	1245	08/04/2023	mulch	443.74.5900.743.60016	1,456.00
EXPERT TREE SERVICE AND SC...	9766	08/04/2023	remove damaged & diseased t...	443.74.5900.743.40047	4,200.00
Fund 443 - TREE REPLACEMENT FUND Total:					5,656.00
Fund: 471 - 2021 IMPROVEMENT FUND					
WATERMARK PROPERTIES, LLC	1	07/27/2023	Watermark County Road Impr...	471.71.5900.771.70600	238,819.87
Fund 471 - 2021 IMPROVEMENT FUND Total:					238,819.87
Fund: 500 - NW AREA CAPITAL PROJECTS					
KIMLEY-HORN & ASSOCIATES, ...	25264665	08/04/2023	Construction Services	500.74.5900.746.30300	5,600.00
NORTHERN LINES CONTRACTI...	7/24/2023	08/04/2023	Final Pay Voucher #7, Project ...	500.74.5900.746.80300	76,951.27
Fund 500 - NW AREA CAPITAL PROJECTS Total:					82,551.27
Fund: 510 - WATER-OPERATING FUND					
USABBLUEBOOK	INV00041275	07/13/2023	Kit for WTP	510.50.7100.512.40042	92.09
USABBLUEBOOK	SCN001616	07/13/2023	Parts for WTF	510.50.7100.512.60016	-105.20
USABBLUEBOOK	SCN001617	07/13/2023	Parts for pumps	510.50.7100.512.60016	-237.00
SHADES OF GREEN OUTDOOR ...	1930	07/20/2023	Lawn care	510.50.7100.512.30700	1,900.00
CITY OF BLOOMINGTON	22324	07/20/2023	Water Samples	510.50.7100.512.30700	480.00
A.J. ALBERTS PLBG	23322389	07/20/2023	Backflow equipment testing	510.50.7100.512.40042	3,065.00
GOPHER STATE ONE-CALL	3060488	07/20/2023	Locate tickets	510.50.7100.512.30700	846.45
OPTION ONE MECHANICAL LLC	3281	07/20/2023	Equip repair at WTF	510.50.7100.512.40042	1,617.00
FIRST SUPPLY LLC	3477761-00	07/20/2023	supplies	510.50.7100.512.60016	36.00
CINTAS CORPORATION	4161228123	07/20/2023	WTF rugs	510.50.7100.512.40065	52.35
SHERWIN-WILLIAMS CO.	4887-9	07/20/2023	asher tower grafitti cover up	510.50.7100.512.40040	199.69
DTN, LLC	6332711	07/20/2023	WxSentry Turf Online-Pro ann...	510.50.7100.512.30700	1,128.00
HAWKINS, INC.	6519086	07/20/2023	chemicals	510.50.7100.512.60019	5,700.47
LONE OAK COMPANIES	7/11/2023	07/20/2023	Reminder notice postage 7.20...	510.50.7100.512.50035	448.25
LONE OAK COMPANIES	7/11/2023	07/20/2023	Utility Bill postage 7.2023 (5...	510.50.7100.512.50035	818.50
LONE OAK COMPANIES	7/11/2023	07/20/2023	Reminder Notice Paper 7.2023..	510.50.7100.512.60010	37.50
USABBLUEBOOK	INV00069973	07/20/2023	chemicals	510.50.7100.512.60019	1,407.59
CORE & MAIN LP	T124549	07/20/2023	3/4 Water meters	510.50.7100.512.75500	6,651.60
MN DEPT OF REVENUE	June 2023	07/25/2023	Taxes	510.207.2070200	10,263.44
JB CONTROLS, INC.	3391	07/27/2023	Equip Repair	510.50.7100.512.40042	590.08
HAWKINS, INC.	6529053	07/27/2023	Chemicals	510.50.7100.512.60019	1,961.00
MIDWEST SAFETY COUNSELO...	IVC0069154	07/27/2023	fit testing for WTF	510.50.7100.512.30700	377.80
XCEL ENERGY	835052200	07/31/2023	Water natural gas charges	510.50.7100.512.40010	1,173.53
XCEL ENERGY	835052200	07/31/2023	Water electric charges	510.50.7100.512.40020	48,080.64
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Gubas...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60016	14.97
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Johns...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60016	37.95
WELLS FARGO CREDIT CARD A...	Sierra #4046 Johnson, M WF 6...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60045	87.95
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Guba...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.40042	37.40
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Guba...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60011	5.88
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Guba...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60011	27.94
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Guba...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60040	50.50
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Guba...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60040	44.91
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Johns...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60040	209.73
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Guba...	07/31/2023	Wells Fargo Purchase Cards	510.50.7100.512.60016	39.99
WATER CONSERVATION SERV...	13366	08/04/2023	Leak Detection	510.50.7100.512.30700	350.96
WATER CONSERVATION SERV...	13380	08/04/2023	leak survey	510.50.7100.512.30700	10,803.00
GOPHER STATE ONE-CALL	3070488	08/04/2023	Locate tickets	510.50.7100.512.30700	830.25
EVERETT J. PRESCOTT, INC.	6146429	08/04/2023	Meter parts	510.50.7100.512.75500	3,130.00
LONE OAK COMPANIES	92798	08/04/2023	UT Statement processing (50%...	510.50.7100.512.30700	591.53

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LONE OAK COMPANIES	92798	08/04/2023	Postage credit (50%) 7.2023	510.50.7100.512.50035	-93.77
LONE OAK COMPANIES	92959	08/04/2023	Reminder Notices (50%) 7.20...	510.50.7100.512.30700	213.30
Fund 510 - WATER-OPERATING FUND Total:					102,967.27
Fund: 520 - SEWER-OPERATING FUND					
METROPOLITAN COUNCIL	1160261	07/20/2023	Waste water	520.51.7200.514.40015	181,505.90
LONE OAK COMPANIES	7/11/2023	07/20/2023	Reminder notice postage 7.20...	520.51.7200.514.50035	448.25
LONE OAK COMPANIES	7/11/2023	07/20/2023	Utility Bill postage 7.2023 (50...	520.51.7200.514.50035	818.50
LONE OAK COMPANIES	7/11/2023	07/20/2023	Reminder Notice Paper 7.2023..	520.51.7200.514.60010	37.50
DAKOTA ELECTRIC ASSN	200010048618 7/21/2023	07/31/2023	Electric	520.51.7200.514.40020	145.01
XCEL ENERGY	835052200	07/31/2023	Sewer natural gas charges	520.51.7200.514.40010	79.27
XCEL ENERGY	835052200	07/31/2023	Sewer electric charges	520.51.7200.514.40020	2,326.14
WELLS FARGO CREDIT CARD A...	Epasales Johnson, M WF 6/23	07/31/2023	Wells Fargo Purchase Cards	520.51.7200.514.40042	207.63
METROPOLITAN COUNCIL	1160627	08/04/2023	waste water services def revi...	520.51.7200.514.40015	181,505.90
LONE OAK COMPANIES	92798	08/04/2023	UT Statement processing (50%...	520.51.7200.514.30700	591.54
LONE OAK COMPANIES	92798	08/04/2023	Postage credit (50%) 7.2023	520.51.7200.514.50035	-93.78
LONE OAK COMPANIES	92959	08/04/2023	Reminder Notices (50%) 7.20...	520.51.7200.514.30700	213.30
Fund 520 - SEWER-OPERATING FUND Total:					367,785.16
Fund: 521 - SEWER-CAPITAL FUND					
METROPOLITAN COUNCIL	7/5/2023	07/20/2023	Monthly SAC fees	521.217.2170000	121,765.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2017A interest	521.57.9000.570.90200	63,487.50
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2015B interest	521.57.9000.570.90200	41,150.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2021A interest	521.57.9000.570.90200	33,200.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2021A agent fees	521.57.9000.570.90300	475.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2017A agent fees	521.57.9000.570.90300	475.00
EHLERS AND ASSOCIATES, INC.	7/28/2023	07/28/2023	Bond series 2015B agent fees	521.57.9000.570.90300	475.00
Fund 521 - SEWER-CAPITAL FUND Total:					261,027.50
Fund: 530 - STORM WATER-OPERATING					
M & J SERVICES, LLC	2761	07/20/2023	storm sewer maintenance	530.74.5900.741.40066	4,910.00
M & J SERVICES, LLC	2762	07/20/2023	storm sewer maintenance	530.74.5900.741.40066	2,080.00
M & J SERVICES, LLC	2768	07/20/2023	storm sewer maintenance	530.74.5900.741.40066	2,275.00
M & J SERVICES, LLC	2769	07/20/2023	storm sewer repair	530.74.5900.741.40066	5,070.00
M & J SERVICES, LLC	2770	07/20/2023	storm sewer repair	530.74.5900.741.40066	4,520.00
ESS BROTHERS & SONS INC	DD4682	07/20/2023	Strong seal - quick set repair	530.74.5900.741.40066	9,609.00
CORE & MAIN LP	T222185	07/20/2023	stormwater supplies	530.74.5900.741.40066	832.48
M & J SERVICES, LLC	2773	07/27/2023	storm sewer repair	530.74.5900.741.40066	1,040.00
M & J SERVICES, LLC	2774	07/27/2023	storm sewer repair	530.74.5900.741.40066	3,445.00
M & J SERVICES, LLC	2775	07/27/2023	storm sewer repair	530.74.5900.741.40066	3,640.00
XCEL ENERGY	835052200	07/31/2023	Storm water electric charges	530.74.5900.741.40020	855.98
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 1g75i3a43 Rell...	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	498.65
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 6j51p7I53 Rell...	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	7.50
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Rivera..	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	34.27
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Rivera..	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	17.17
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Reller,...	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	114.42
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Rivera...	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	117.98
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Rivera...	07/31/2023	Wells Fargo Purchase Cards	530.74.5900.741.40066	55.98
GLACIAL RIDGE GROWERS, INC.	7671	08/04/2023	storm water maintenance	530.74.5900.741.40066	2,245.25
EXPERT TREE SERVICE AND SC...	9709	08/04/2023	Tree removal services	530.74.5900.741.40066	875.00
ESS BROTHERS & SONS INC	DD5421	08/04/2023	Storm sewer maintenance	530.74.5900.741.40066	3,814.80
Fund 530 - STORM WATER-OPERATING Total:					46,058.48
Fund: 533 - STORM WATER-CAPITAL FUND NWA					
KIMLEY-HORN & ASSOCIATES, ...	16050060-0623	08/04/2023	Construction Services	533.74.5900.748.30300	824.15
Fund 533 - STORM WATER-CAPITAL FUND NWA Total:					824.15
Fund: 550 - INVER WOOD GOLF COURSE					
HERITAGE LANDSCAPE SUPPLY...	0011396809-001	07/20/2023	fairway fertilizer	550.52.8600.527.60030	6,617.70
HERITAGE LANDSCAPE SUPPLY...	0011687514-001	07/20/2023	fairway fertilizer	550.52.8600.527.60030	1,654.43
HERITAGE LANDSCAPE SUPPLY...	0011712776-001	07/20/2023	fairway fertilizer	550.52.8600.527.60030	765.23
BREAKTHRU BEVERAGE MINN...	111204299	07/20/2023	beer for resale	550.52.8300.524.76150	186.00
BREAKTHRU BEVERAGE MINN...	111209782	07/20/2023	beer for resale	550.52.8300.524.76150	550.80
DENNY'S 5TH AVENUE BAKERY	13559	07/20/2023	bread for food resale	550.52.8300.524.76050	139.75

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DENNY'S 5TH AVENUE BAKERY	13668	07/20/2023	breads for food resale	550.52.8300.524.76050	139.75
GERTENS	205391/D	07/20/2023	mulch GC supplies	550.52.8600.527.60020	679.44
MANSFIELD OIL COMPANY	24448613	07/20/2023	fuel for equipment	550.52.8600.527.60021	2,680.02
MANSFIELD OIL COMPANY	24448619	07/20/2023	fuel for equipment	550.52.8600.527.60021	2,437.53
SHAMROCK GROUP	2896385	07/20/2023	ice for bev sales	550.52.8300.524.76100	243.70
SHAMROCK GROUP	2913152	07/20/2023	ice for bev. resale	550.52.8300.524.76100	214.65
SHAMROCK GROUP	2913635	07/20/2023	ice for bev resale	550.52.8300.524.76100	233.10
COCA COLA BOTTLING COMP...	3607217965	07/20/2023	pop & water for resale	550.52.8300.524.76100	856.88
HEGGIES PIZZA	402285	07/20/2023	food for resale	550.52.8300.524.76050	189.90
SUPERIOR TURF SERVICES INC	4154	07/20/2023	herbicide spray	550.52.8600.527.60035	171.36
PERFORMANCE FOOD GROUP ...	68231956	07/20/2023	Credit for wrong item	550.52.8300.524.76050	-66.46
PERFORMANCE FOOD GROUP ...	68632813	07/20/2023	food supply for resale	550.52.8300.524.76050	13.45
PERFORMANCE FOOD GROUP ...	68818958	07/20/2023	supplies	550.52.8300.524.60065	174.27
PERFORMANCE FOOD GROUP ...	68818958	07/20/2023	food & supplies for resale	550.52.8300.524.76050	646.13
UNIFIRST CORPORATION	900776527	07/20/2023	uniforms and towels	550.52.8600.527.60045	136.81
TITLEIST	916061416	07/20/2023	apparel for resale	550.52.8200.523.76200	102.90
TITLEIST	916154017	07/20/2023	golf balls for resale	550.52.8200.523.76450	918.73
DAVIS EQUIPMENT CORPORAT...	EE05519	07/20/2023	new topdresser	550.52.8600.527.80800	16,341.19
COMMERCIAL INFRASTRUCTU...	I10466	07/20/2023	install data drops for menu TV	550.52.8500.526.40040	411.98
INNOVATIVE OFFICE SOLUTIO...	IN4263294	07/20/2023	electric stapler	550.52.8000.521.60010	183.72
MN DEPT OF REVENUE	June 2023	07/25/2023	Taxes	550.207.2070300	37,409.02
HERITAGE LANDSCAPE SUPPLY...	0010994765-001	07/27/2023	fertilizer	550.52.8600.527.60030	91.57
BREAKTHRU BEVERAGE MINN...	111310270	07/27/2023	beer for resale	550.52.8300.524.76150	932.90
DENNY'S 5TH AVENUE BAKERY	13807	07/27/2023	breads for food resale	550.52.8300.524.76050	139.75
DENNY'S 5TH AVENUE BAKERY	13909	07/27/2023	breads for food resale	550.52.8300.524.76050	139.75
MTI DISTRIBUTING CO	1394955-00	07/27/2023	equipment repair	550.52.8600.527.40042	284.06
MTI DISTRIBUTING CO	1394955-01	07/27/2023	equipment repair	550.52.8600.527.40042	175.22
MTI DISTRIBUTING CO	1395637-00	07/27/2023	irrigation parts	550.52.8600.527.60008	11.40
MTI DISTRIBUTING CO	1396050-00	07/27/2023	equipment repair	550.52.8600.527.40042	683.64
MTI DISTRIBUTING CO	1396720-00	07/27/2023	equipment repair	550.52.8600.527.40042	279.97
DENNY'S 5TH AVENUE BAKERY	14041	07/27/2023	breads for food resale	550.52.8300.524.76050	143.97
DENNY'S 5TH AVENUE BAKERY	14167	07/27/2023	breads for food resale	550.52.8300.524.76050	139.75
MANSFIELD OIL COMPANY	24466480	07/27/2023	cart fuel	550.52.8400.525.60021	1,480.35
MANSFIELD OIL COMPANY	24478668	07/27/2023	cart fuel	550.52.8400.525.60021	1,408.38
SHAMROCK GROUP	2915651	07/27/2023	ice for bev. resale	550.52.8300.524.76100	206.35
SHAMROCK GROUP	2916160	07/27/2023	ice for bev. resale	550.52.8300.524.76100	208.20
COCA COLA BOTTLING COMP...	3607218042	07/27/2023	pop & water for resale	550.52.8300.524.76100	1,318.02
COCA COLA BOTTLING COMP...	3607218043	07/27/2023	CO2 tank return credit	550.52.8300.524.76100	-75.00
COCA COLA BOTTLING COMP...	3607218107	07/27/2023	pop & water for resale	550.52.8300.524.76150	1,429.04
ARTISAN BEER COMPANY	3615862	07/27/2023	beer for resale	550.52.8300.524.76150	341.60
ARTISAN BEER COMPANY	3617291	07/27/2023	beer for resales	550.52.8300.524.76150	484.65
M. AMUNDSON LLP	365868	07/27/2023	snacks for resale	550.52.8300.524.76050	391.16
COCA COLA BOTTLING COMP...	3762201934	07/27/2023	cups for bev. resale	550.52.8300.524.76100	99.00
ARAMARK REFRESHMENT SER...	6710559	07/27/2023	coffee for resale	550.52.8300.524.76100	263.65
PERFORMANCE FOOD GROUP ...	68889347	07/27/2023	misc supplies	550.52.8300.524.60065	191.02
PERFORMANCE FOOD GROUP ...	68889347	07/27/2023	food & supplies for food resale	550.52.8300.524.76050	1,093.85
PERFORMANCE FOOD GROUP ...	68889347	07/27/2023	supplies for bev. resale	550.52.8300.524.76100	140.85
PERFORMANCE FOOD GROUP ...	68961409	07/27/2023	supplies	550.52.8300.524.60065	170.70
PERFORMANCE FOOD GROUP ...	68961409	07/27/2023	food and supplies for food res...	550.52.8300.524.76050	1,001.42
PLUNKETT'S PEST CONTROL	8122714	07/27/2023	June pest control	550.52.8500.526.40040	79.82
METRO CASH REGISTER SYST...	88617	07/27/2023	POS paper	550.52.8000.521.60010	253.77
UNIFIRST CORPORATION	900777934	07/27/2023	uniform and towels	550.52.8600.527.60045	136.81
COLLEGE CITY BEVERAGE	929284	07/27/2023	beer for resale	550.52.8300.524.76150	454.90
COLLEGE CITY BEVERAGE	932068	07/27/2023	beer for resale	550.52.8300.524.76150	537.60
DAKOTA ELECTRIC ASSN	200002013605 7/21/2023	07/31/2023	Electric	550.52.8600.527.40020	242.39
XCEL ENERGY	835052200	07/31/2023	GC natural gas charges	550.52.8500.526.40010	59.26
XCEL ENERGY	835052200	07/31/2023	GC electric charges	550.52.8500.526.40020	1,839.41
XCEL ENERGY	835052200	07/31/2023	GC maintenance natural gas c...	550.52.8600.527.40010	55.04
XCEL ENERGY	835052200	07/31/2023	GC maintenance electric char...	550.52.8600.527.40020	5,984.88
WELLS FARGO CREDIT CARD A...	American Metro Pos Moyniha...	07/31/2023	Wells Fargo Purchase Cards	550.52.8000.521.60010	253.77

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WELLS FARGO CREDIT CARD A...	American Solutions4 Bu Moyn...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.60065	107.13
WELLS FARGO CREDIT CARD A...	Batteries+Bulbs #026 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8500.526.60040	96.39
WELLS FARGO CREDIT CARD A...	Cub Foods #1639 Moynihan, ...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76100	16.07
WELLS FARGO CREDIT CARD A...	Cub Foods #1695 Moynihan, ...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76050	7.23
WELLS FARGO CREDIT CARD A...	Cub Foods Otness, Le WF 6/23	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76050	61.94
WELLS FARGO CREDIT CARD A...	Cub Foods Otness, Le WF 6/23	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76050	8.04
WELLS FARGO CREDIT CARD A...	Golf Course Superinten Metz, ...	07/31/2023	Wells Fargo Purchase Cards	550.52.8600.527.50070	465.00
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Moyni...	07/31/2023	Wells Fargo Purchase Cards	550.52.8500.526.60040	12.83
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Otness,..	07/31/2023	Wells Fargo Purchase Cards	550.52.8500.526.60065	75.11
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Lage,...	07/31/2023	Wells Fargo Purchase Cards	550.52.8600.527.60012	27.85
WELLS FARGO CREDIT CARD A...	Menards West St Paul M Metz...	07/31/2023	Wells Fargo Purchase Cards	550.52.8600.527.60012	249.67
WELLS FARGO CREDIT CARD A...	Napa Store 3279003 Lage, Ti...	07/31/2023	Wells Fargo Purchase Cards	550.52.8600.527.40042	132.91
WELLS FARGO CREDIT CARD A...	Nicollet Ace Hardware Lage, T...	07/31/2023	Wells Fargo Purchase Cards	550.52.8600.527.40040	11.86
WELLS FARGO CREDIT CARD A...	Sams Club #4738 Moynihan, ...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76050	14.48
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Moynihan, ...	07/31/2023	Wells Fargo Purchase Cards	550.52.8000.521.60010	194.00
WELLS FARGO CREDIT CARD A...	Samsclub #4738 Moynihan, ...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76050	28.96
WELLS FARGO CREDIT CARD A...	Target 00025197 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.60065	6.43
WELLS FARGO CREDIT CARD A...	Target 00025197 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.60065	55.64
WELLS FARGO CREDIT CARD A...	Target 00025197 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.60065	86.70
WELLS FARGO CREDIT CARD A...	Target 00025197 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.60065	21.36
WELLS FARGO CREDIT CARD A...	Target 00025197 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.60065	34.67
WELLS FARGO CREDIT CARD A...	Target 00025197 Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76100	23.91
WELLS FARGO CREDIT CARD A...	Total Wine And More Moynih...	07/31/2023	Wells Fargo Purchase Cards	550.52.8300.524.76100	10.71
EASY PICKER GOLF PRODUCTS ...	0194768-IN	08/04/2023	bag shag - 75 ball capacity	550.52.8100.522.60015	67.94
COMMERCIAL INFRASTRUCTU...	110466	08/04/2023	install data drops for Menu bo...	550.52.8500.526.40040	411.98
BREAKTHRU BEVERAGE MINN...	111409581	08/04/2023	beer for resale	550.52.8300.524.76150	186.00
BREAKTHRU BEVERAGE MINN...	111413508	08/04/2023	beer for resale	550.52.8300.524.76150	371.50
SIGNAL SYSTEMS INC	13098015	08/04/2023	time cards	550.52.8500.526.60010	61.84
SITEONE LANDSCAPE SUPPLY, ...	132832235-001	08/04/2023	drainage supplies	550.52.8600.527.60020	127.94
MTI DISTRIBUTING CO	1370575-01	08/04/2023	equipment parts	550.52.8600.527.40042	13.69
MTI DISTRIBUTING CO	1375231-00	08/04/2023	equipment repair credit	550.52.8600.527.40042	-482.04
MTI DISTRIBUTING CO	1382436-03	08/04/2023	equipment repair	550.52.8600.527.40042	7.18
MTI DISTRIBUTING CO	1387395-00	08/04/2023	parts credit	550.52.8600.527.40042	-59.50
MTI DISTRIBUTING CO	1395015-00	08/04/2023	equipment repair credit	550.52.8600.527.40042	-452.71
MTI DISTRIBUTING CO	1395637-01	08/04/2023	irrigation parts	550.52.8600.527.60008	94.05
MTI DISTRIBUTING CO	1396024-00	08/04/2023	irrigation parts	550.52.8600.527.60008	246.68
MTI DISTRIBUTING CO	1396032-00	08/04/2023	irrigation parts credit	550.52.8600.527.60008	-90.32
MTI DISTRIBUTING CO	1396720-01	08/04/2023	equipment repair	550.52.8600.527.40042	49.01
MTI DISTRIBUTING CO	1397802-00	08/04/2023	equipment repair	550.52.8600.527.40042	492.83
UNIFIRST CORPORATION	1410001748	08/04/2023	uniforms and towels	550.52.8600.527.60045	134.97
DENNY'S 5TH AVENUE BAKERY	14303	08/04/2023	breads for food resale	550.52.8300.524.76050	127.09
DENNY'S 5TH AVENUE BAKERY	14406	08/04/2023	breads for food resale	550.52.8300.524.76050	127.09
DENNY'S 5TH AVENUE BAKERY	14527	08/04/2023	breads for food resale	550.52.8300.524.76050	133.40
COVERALL OF THE TWIN CITIE...	1590029484	08/04/2023	clubhouse cleaning 8.2023	550.52.8500.526.40040	1,446.19
SHAMROCK GROUP	2919987	08/04/2023	ice for beer resale	550.52.8300.524.76150	343.30
SHAMROCK GROUP	2920490	08/04/2023	ice for bev. resales	550.52.8300.524.76100	208.20
ARTISAN BEER COMPANY	3618815	08/04/2023	beer for resale	550.52.8300.524.76150	363.15
M. AMUNDSON LLP	366298	08/04/2023	snacks for resale	550.52.8300.524.76050	281.99
COCA COLA BOTTLING COMP...	36887964009	08/04/2023	pop & water for resale	550.52.8300.524.76100	899.14
HEGGIES PIZZA	404917	08/04/2023	pizzas for resale	550.52.8300.524.76050	97.25
ARAMARK REFRESHMENT SER...	6023945	08/04/2023	coffee for resale	550.52.8300.524.76100	105.04
PLAISTED COMPANIES, INC.	62872	08/04/2023	topdressing sand for greens a...	550.52.8600.527.60020	2,830.38
ARTISAN BEER COMPANY	6630083	08/04/2023	beer for resale	550.52.8300.524.76150	846.81
PERFORMANCE FOOD GROUP ...	69035927	08/04/2023	misc supplies	550.52.8300.524.60065	110.25
PERFORMANCE FOOD GROUP ...	69035927	08/04/2023	food & supplies for food resale	550.52.8300.524.76050	792.95
PERFORMANCE FOOD GROUP ...	69035927	08/04/2023	distilled water for bev. resale	550.52.8300.524.76100	12.82
BIG TOP RENTAL, INC.	73954	08/04/2023	toilets on course	550.52.8600.527.40065	160.69
TITLEIST	916154684	08/04/2023	clubs for resale	550.52.8200.523.76250	1,009.22
TITLEIST	916193340	08/04/2023	golf balls for resale	550.52.8200.523.76450	3,557.77
COLLEGE CITY BEVERAGE	934404	08/04/2023	beer for resale	550.52.8300.524.76150	210.30

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TOUR EDGE GOLF MFG., INC.	IN-01655583	08/04/2023	club for resale	550.52.8200.523.76250	318.17
Fund 550 - INVER WOOD GOLF COURSE Total:					114,015.98
Fund: 602 - RISK MANAGEMENT					
LEVANDER, GILLEN & MILLER P..	6/30/2023 81.01	07/20/2023	Blackwell Prsl injury lawsuit le...	602.00.2100.415.30420	14.00
LEAGUE OF MN CITIES INS TR...	8329	07/20/2023	Deductible: Claim 115004	602.00.2100.415.70200	2,543.64
ATHLETICA SPORT SYSTEMS, I...	419098	08/04/2023	Claim 244444-Skyview Park V...	602.00.2100.415.70200	3,600.00
LEAGUE OF MN CITIES INS TR...	8391	08/04/2023	Claim: 295110 Vehicle Damage..	602.00.2100.415.70200	234.39
Fund 602 - RISK MANAGEMENT Total:					6,392.03
Fund: 603 - CENTRAL EQUIPMENT					
FACTORY MOTOR PARTS COM...	1-232876	07/20/2023	Shop Supplies	603.00.5300.444.60012	100.00
CUSTOM FIRE APPARATUS INC	0022326-IN	07/20/2023	Fire Truck (#E21)	603.00.5300.444.40041	574.86
CUSTOM FIRE APPARATUS INC	0022435-IN	07/20/2023	Tail lights for fire truck (#T14)	603.00.5300.444.40041	93.43
CUSTOM FIRE APPARATUS INC	0022562-IN	07/20/2023	Fire Truck dass replacement kit	603.00.5300.444.40041	143.60
R & R SPECIALTIES OF WI, INC.	0079169-IN	07/20/2023	6202 2018 Zamboni.	603.00.5300.444.40042	11,892.03
ABM EQUIPMENT & SUPPLY	0174891-IN	07/20/2023	Winch cable for F550	603.00.5300.444.40041	464.73
KIMBALL MIDWEST	101229051	07/20/2023	Shop Supplies	603.00.5300.444.60012	1,043.10
RIVER HEIGHTS MARINA	10482	07/20/2023	new props for Boat 2	603.00.5300.444.40041	157.55
SOUTH EAST TOWING, Inc.	238191	07/20/2023	Squad car tow	603.00.5300.444.40041	150.00
GERLACH OUTDOOR POWER ...	253896	07/20/2023	Parts for mower	603.00.5300.444.40042	31.94
SHAPCO PRINTING	273707	07/20/2023	Work orders for the shop	603.00.5300.444.60010	389.00
L.T.G. POWER EQUIPMENT	278360	07/20/2023	Mower motor starter	603.00.5300.444.40042	359.94
NORTH AMERICAN TRAILER S...	30004205824	07/20/2023	Lights for paver truck (302)	603.00.5300.444.40041	16.34
PERFECTION PLUS, INC	314771	07/20/2023	Monthly cleaning svcs 7.2023	603.00.5300.444.40040	521.62
C.J. SPRAY, INC.	3235896	07/20/2023	Parts for painter roadlazer (#3...	603.00.5300.444.40042	154.94
LITTLE FALLS MACHINE INC	368516	07/20/2023	Hitch for dump truck	603.00.5300.444.40041	979.72
WORLD FUEL SERVICES	378887140373-41801	07/20/2023	Two cycle oil for weedwhips	603.00.5300.444.60012	188.46
WORLD FUEL SERVICES	379713401233-41801	07/20/2023	Stock	603.140.1450050	1,168.95
CINTAS CORPORATION	4161228040	07/20/2023	Public Work's rugs	603.00.5300.444.40065	99.25
INVER GROVE FORD	5331815	07/20/2023	Return	603.00.5300.444.40041	311.65
INVER GROVE FORD	5331964	07/20/2023	Parts for fire truck	603.00.5300.444.40041	-270.36
INVER GROVE FORD	5332037	07/20/2023	Squad car brake lining	603.00.5300.444.40041	90.28
INVER GROVE FORD	5332101	07/20/2023	Utility's F250 brake parts	603.00.5300.444.40041	246.07
INVER GROVE FORD	5332152	07/20/2023	Squad car exhaust sensor	603.00.5300.444.40041	55.89
INVER GROVE FORD	5332167	07/20/2023	Squad car brake parts	603.00.5300.444.40041	248.06
INVER GROVE FORD	5332269	07/20/2023	Parts for squad car	603.00.5300.444.40041	47.23
INVER GROVE FORD	5332327	07/20/2023	Utility's F250 brake lining kit	603.00.5300.444.40041	103.48
NORTHERN SAFETY TECHNOL...	56095	07/20/2023	Squad car repairs	603.00.5300.444.40041	63.00
INVER GROVE FORD	6394707	07/20/2023	Squad car repairs	603.00.5300.444.40041	273.20
LAURENTINA DEJONG	7/6/2023	07/20/2023	Summer 2023 plantings/main...	603.00.5300.444.40040	333.33
UNIFIRST CORPORATION	900775213	07/20/2023	Misc rentals	603.00.5300.444.40065	137.69
UNIFIRST CORPORATION	900775213	07/20/2023	CE uniforms	603.00.5300.444.60045	35.81
UNIFIRST CORPORATION	900776487	07/20/2023	Misc Rentals	603.00.5300.444.40065	120.35
UNIFIRST CORPORATION	900776487	07/20/2023	CE uniforms	603.00.5300.444.60045	35.81
POMP'S TIRE SERVICE, INC.	980107705	07/20/2023	Tire for utility's F250	603.00.5300.444.60014	600.08
TRI-STATE BOBCAT INC.	A23437	07/20/2023	Toolcat parts	603.00.5300.444.40042	508.39
CENTENNIAL GLASS	I00013231	07/20/2023	Unmarked car windshield repa..	603.00.5300.444.40041	560.00
INNOVATIVE OFFICE SOLUTIO...	IN4262170	07/20/2023	Binder and lable maker	603.00.5300.444.60010	47.72
TRENCHERS PLUS, INC.	IT06978	07/20/2023	Parts for chipper	603.00.5300.444.40042	628.08
TRI-STATE BOBCAT INC.	P00183	07/20/2023	Filter for toolcat #332	603.00.5300.444.40042	221.86
TRI-STATE BOBCAT INC.	P00474	07/20/2023	Fan filter for skid steer	603.00.5300.444.40042	39.25
TRI-STATE BOBCAT INC.	P00623	07/20/2023	Hydraulic cylinder for toolcat	603.00.5300.444.40042	772.32
MACQUEEN EMERGENCY GR...	P09396	07/20/2023	Fire truck (T26) switch	603.00.5300.444.40041	33.43
MACQUEEN EMERGENCY GR...	P09405	07/20/2023	Parts for fire truck (E33)	603.00.5300.444.40041	130.43
MACQUEEN EMERGENCY GR...	P09413	07/20/2023	Fire truck auto pump timer	603.00.5300.444.40041	186.37
NUSS TRUCK AND EQUIPMENT	PSO019892-1	07/20/2023	Mirror for dump truck (#321)	603.00.5300.444.40041	104.28
KIMBALL MIDWEST	101239255	07/27/2023	Shop Supplies	603.00.5300.444.60012	27.86
HOSE / CONVEYORS INC	104457	07/27/2023	331 Sweeper with Lic	603.00.5300.444.40041	294.95
CINTAS CORPORATION	4151471139	07/27/2023	PW Rugs	603.00.5300.444.40065	99.25
INVER GROVE FORD	5329923	07/27/2023	Credit for mirror assembly	603.00.5300.444.40041	-278.83
INVER GROVE FORD	5332436	07/27/2023	S2 FD shock absorber	603.00.5300.444.40041	274.10

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INVER GROVE FORD	6393788	07/27/2023	S4 FD F150 check engine lt	603.00.5300.444.40041	124.29
COMO LUBE & SUPPLIES	696824	07/27/2023	Used Oil Filters	603.00.5300.444.40025	60.00
COMO LUBE & SUPPLIES	696825	07/27/2023	Used Oil Filters	603.00.5300.444.40025	60.00
POMP'S TIRE SERVICE, INC.	980107823	07/27/2023	Stock Tires	603.140.1450050	1,080.00
EMERGENCY AUTOMOTIVE TE...	AW071923-1	07/27/2023	S2 Fire Dept Exp	603.00.5300.444.40041	640.80
TRENCHERS PLUS, INC.	IT07409	07/27/2023	335 Chipper	603.00.5300.444.40042	293.33
TRENCHERS PLUS, INC.	IT07414	07/27/2023	335 Chipper	603.00.5300.444.40042	902.35
TRENCHERS PLUS, INC.	IT07439	07/27/2023	335 Chipper	603.00.5300.444.40042	10.11
MACQUEEN EQUIPMENT INC	P09488	07/27/2023	E17 Fire truck	603.00.5300.444.40041	558.78
BATTERIES PLUS	P64327068	07/27/2023	Shop Supplies	603.00.5300.444.60012	54.72
MN DEPT OF REVENUE	7/31/2023	07/31/2023	Monthyl fuel tax 6.2023	603.00.5300.444.60021	366.23
XCEL ENERGY	835052200	07/31/2023	PW natural gas charges	603.00.5300.444.40010	90.56
XCEL ENERGY	835052200	07/31/2023	PW electric charges	603.00.5300.444.40020	2,094.20
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Mx9zg9oi3 Un...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	55.18
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Oj8w95xu3 Jac...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	69.56
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Uh5338253 Jac...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	22.98
WELLS FARGO CREDIT CARD A...	Inver Grove Heights Ac Jackso...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	17.99
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	44.70
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	49.99
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	16.76
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	23.99
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	25.04
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	588.24
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	25.51
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	111.96
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40042	6.92
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40042	18.26
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40042	18.95
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40042	22.98
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	170.94
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	26.38
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	34.47
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.140.1450050	262.94
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.140.1450050	16.13
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.140.1450050	37.88
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	-100.72
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40042	-18.95
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	-24.42
WELLS FARGO CREDIT CARD A...	O'Reilly Auto Parts 17 Jackson,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	-40.70
WELLS FARGO CREDIT CARD A...	River Heights Marina I Chiodo,...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	1,420.57
WELLS FARGO CREDIT CARD A...	The Corner Store Chiodo, Mo...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	150.00
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Chiod...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.40041	41.04
WELLS FARGO CREDIT CARD A...	Tractor-Supply-Co #019 Jacks...	07/31/2023	Wells Fargo Purchase Cards	603.00.5300.444.60012	9.99
UNIFIRST CORPORATION	090 0777896	08/04/2023	Other rentals	603.00.5300.444.40065	137.15
UNIFIRST CORPORATION	090 0777896	08/04/2023	CE uniforms	603.00.5300.444.60045	35.81
METRO JANITORIAL SUPPLY I...	11015904	08/04/2023	Shop supplies	603.00.5300.444.60012	129.41
METRO JANITORIAL SUPPLY I...	11015905	08/04/2023	supplies	603.00.5300.444.60011	379.31
MTI DISTRIBUTING CO	1397813-00	08/04/2023	Mower seal kits	603.00.5300.444.40042	440.52
MTI DISTRIBUTING CO	1397814-01	08/04/2023	Mower seal kits	603.00.5300.444.40042	153.87
UNIFIRST CORPORATION	1410000294	08/04/2023	Other Rentals	603.00.5300.444.40065	120.35
UNIFIRST CORPORATION	1410000294	08/04/2023	CE uniforms	603.00.5300.444.60045	35.81
UNIFIRST CORPORATION	1410001746	08/04/2023	Other rentals	603.00.5300.444.40065	120.35
UNIFIRST CORPORATION	1410001746	08/04/2023	CE uniforms	603.00.5300.444.60045	30.86
TITAN MACHINERY	18681439	08/04/2023	Backhoe ignition switch	603.00.5300.444.40042	40.00
CUSTOM TRUCK ONE SOURCE,...	2023002126168	08/04/2023	Parts for F550 Sign Truck	603.00.5300.444.40041	1,187.75
MANSFIELD OIL COMPANY	24489704	08/04/2023	Unleaded Fuel	603.140.1450060	13,576.71
MANSFIELD OIL COMPANY	24489705	08/04/2023	Fuel	603.140.1450060	8,400.25
L.T.G. POWER EQUIPMENT	278624	08/04/2023	Mower parts	603.00.5300.444.40042	97.83
GYRO-TRAC CORPORATION	35893	08/04/2023	Parts for brush cutter.	603.00.5300.444.40042	738.03
CINTAS CORPORATION	4162650038	08/04/2023	PW rugs	603.00.5300.444.40065	236.95

Expense Approval Report

Payment Dates: 7/19/2023 - 8/8/2023

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
TOWMASTER TRAILERS INC	461937	08/04/2023	Trailer spring ramps	603.00.5300.444.40042	159.44
NORTHERN SAFETY TECHNOL...	56172	08/04/2023	Squad 27 outfitting	603.00.5300.444.80701	10,965.52
NORTHERN SAFETY TECHNOL...	56173	08/04/2023	Squad 26 outfitting	603.00.5300.444.80701	9,828.31
BIG TOP RENTAL, INC.	73987	08/04/2023	PW biffs 6.2023	603.00.5300.444.40040	70.00
BIG TOP RENTAL, INC.	73988	08/04/2023	PW biffs	603.00.5300.444.40040	70.00
RUFFRIDGE-JOHNSON	IA25326A	08/04/2023	Paver engine belt & latch	603.00.5300.444.40042	261.28
TRI-STATE BOBCAT INC.	P01259	08/04/2023	Brackets for Tamper	603.00.5300.444.40042	45.04
TRI-STATE BOBCAT INC.	P01395	08/04/2023	Toolcat parts	603.00.5300.444.40042	481.84
TRI-STATE BOBCAT INC.	P01579	08/04/2023	Skid steer parts	603.00.5300.444.40042	452.50
TRI-STATE BOBCAT INC.	P01580	08/04/2023	Skid steer louver	603.00.5300.444.40042	44.17
MACQUEEN EQUIPMENT INC	P09518	08/04/2023	Fire Truck datalink module	603.00.5300.444.40041	86.22
Fund 603 - CENTRAL EQUIPMENT Total:					82,375.70

Fund: 605 - CITY FACILITIES

HUEBSCH SERVICES	20242887	07/20/2023	lobby mats	605.00.7500.460.40065	171.57
PERFECTION PLUS, INC	314771	07/20/2023	Monthly cleaning svcs 7.2023	605.00.7500.460.40040	5,133.19
DEY DISTRIBUTING	6519566	07/20/2023	door part	605.00.7500.460.60016	19.35
LAURENTINA DEJONG	7/6/2023	07/20/2023	Summer 2023 plantings/main...	605.00.7500.460.30700	1,499.17
BILL RASCHER MECHANICAL I...	9376	07/20/2023	RPZ testing and repairs at 3 pa...	605.00.7500.460.40040	1,167.98
GRAINGER	9769436768	07/20/2023	toilet parts	605.00.7500.460.60016	116.31
GIP III ZEPHYR ACQUISITION P...	INVGRV-22307	07/20/2023	Solar gardens 5.2023	605.00.7500.460.40021	9,659.18
GIP III ZEPHYR ACQUISITION P...	INVRGRV-12307	07/20/2023	Solar gardens 5.2023	605.00.7500.460.40021	7,633.24
DANIEL BAUER	1015	07/27/2023	FS #1 generator rm heat repair	605.00.7500.460.40040	3,350.00
DANIEL BAUER	1016	07/27/2023	FS #1 MUA repair	605.00.7500.460.40040	2,995.00
DANIEL BAUER	1022	07/27/2023	CH heat pump 34 repair	605.00.7500.460.40040	285.00
DANIEL BAUER	1023	07/27/2023	CH geothermal glycol	605.00.7500.460.40040	2,129.17
DANIEL BAUER	1029	07/27/2023	PD heat pump downpayment	605.00.7500.460.80200	3,500.00
DANIEL BAUER	1031	07/27/2023	PD HVAC repairs	605.00.7500.460.40040	3,354.00
GILBERT MECHANICAL CONTR...	233721	07/27/2023	temp sensors	605.00.7500.460.40040	180.00
GILBERT MECHANICAL CONTR...	61317	07/27/2023	PD Alerton Conversion	605.00.7500.460.80200	29,445.00
XCEL ENERGY	831988625 CR	07/31/2023	Solar credits	605.46.0000.3653000	-164.00
XCEL ENERGY	834699064	07/31/2023	City hall electric charges	605.00.7500.460.40020	5,993.87
XCEL ENERGY	835052200 CR	07/31/2023	Solar credits	605.46.0000.3653000	-49,230.57
WELLS FARGO CREDIT CARD A...	Amazon.Com 9k1r93el3 A Tod...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	30.63
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 077ae3p93 Hal...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.60065	37.99
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 1798q17j3 Stie...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	44.14
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 4m2sk5l03 To...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	177.45
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 968036iy3 Tod...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	53.99
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us K15dm4ys3 To...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	8.50
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Todd...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	146.90
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Todd...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	69.15
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Todd...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	30.46
WELLS FARGO CREDIT CARD A...	The Home Depot #2843 Todd...	07/31/2023	Wells Fargo Purchase Cards	605.00.7500.460.40040	25.70
DANIEL BAUER	1045	08/04/2023	replaced thermostat in PD hea...	605.00.7500.460.40040	250.00
CULLIGAN	157985030228X07312023	08/04/2023	softener salt	605.00.7500.460.60016	79.90
HUEBSCH SERVICES	20246205	08/04/2023	lobby mats	605.00.7500.460.40065	171.57
BRUCE NELSON PLUMBING A...	5082	08/04/2023	replaced drinking fountains in...	605.00.7500.460.40040	3,250.00
CINTAS CORPORATION	5168683563	08/04/2023	first aid supplies	605.00.7500.460.60065	50.45
B & B SHEETMETAL AND ROOF...	60755	08/04/2023	FS #1 roof repairs per inspecti...	605.00.7500.460.40040	11,290.00
GRAINGER	9781735668	08/04/2023	OSHA signs	605.00.7500.460.60065	178.64
GRAINGER	9788281948	08/04/2023	OSHA signs	605.00.7500.460.60065	21.62
INNOVATIVE OFFICE SOLUTIO...	CIN116889	08/04/2023	standing desk for Communicat...	605.00.7500.460.40040	721.71
Fund 605 - CITY FACILITIES Total:					43,876.26

Fund: 606 - TECHNOLOGY FUND

EXCEL AV GROUP	6674-D	07/27/2023	Council Chambers AV Equipm...	606.00.1400.413.80610	30,615.00
WELLS FARGO CREDIT CARD A...	Amazon.Com 1i2g02ud3 Gade...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.60040	55.90
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us 3d0ps1fw3 Ga...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.60040	18.84
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Aw1qw8s13 G...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.60040	79.99
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Du2sz6783 Ga...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.60040	24.46
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us G22gf94n3 Ga...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.80610	806.89
WELLS FARGO CREDIT CARD A...	Amzn Mktp Us Mk6wr0og3 G...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.60040	104.87

Expense Approval Report

Payment Dates: 7/19/2023 - 8/8/2023

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
WELLS FARGO CREDIT CARD A...	Dmi Dell Bus Online Gade, Ma..	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.80610	13,114.01
WELLS FARGO CREDIT CARD A...	Dmi Dell Bus Online Gade, Ma..	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.80610	-764.20
WELLS FARGO CREDIT CARD A...	Zoom.U.s 888-799-9666 Gade,...	07/31/2023	Wells Fargo Purchase Cards	606.00.1400.413.50072	31.98
ZAYO GROUP, LLC	19693183	08/04/2023	PRI Phone system	606.00.1400.413.50020	1,398.93
ZAYO GROUP, LLC	19709754	08/04/2023	PRI lines	606.00.1400.413.50020	1,305.52
Fund 606 - TECHNOLOGY FUND Total:					46,792.19

Fund: 702 - ESCROW FUND

STANTEC CONSULTING SERVI...	2098108	07/20/2023	Stormwater Facility Construct...	702.229.2298003	1,700.22
PAWS ABILITIES DOG TRAINING	6/1/2023	07/20/2023	Escrow Release - Paw Abilities...	702.229.2283903	851.04
RHINOTECH SUPPLIES, INC.	6/13/2023	07/20/2023	Escrow Release - Rhino Tech S...	702.229.2294603	975.50
LEVANDER, GILLEN & MILLER P..	6/30/2023 81.06	07/20/2023	Pine Bend Landfill	702.229.2293002	420.00
WELLS FARGO CREDIT CARD A...	Simplifile.Com Kiernan, R WF ...	07/31/2023	Wells Fargo Purchase Cards	702.229.2285703	52.33
WELLS FARGO CREDIT CARD A...	Simplifile.Com Kiernan, R WF ...	07/31/2023	Wells Fargo Purchase Cards	702.229.2287503	52.33
WELLS FARGO CREDIT CARD A...	Simplifile.Com Kiernan, R WF ...	07/31/2023	Wells Fargo Purchase Cards	702.229.2287503	52.33
EMMONS & OLIVIER RESOUR...	0095-0074-26	08/04/2023	Erosion and Sediment Control ...	702.229.2284803	796.36
EMMONS & OLIVIER RESOUR...	0095-0074-26	08/04/2023	Erosion and Sediment Control ...	702.229.2304103	341.03
SOUTH EAST TOWING, Inc.	07012023stmt	08/04/2023	Tows	702.229.2291000	1,458.60
GULLICKSON, ERIC	7/20/2023	08/04/2023	Escrow Release-5641 Babcock...	702.229.2286103	1,000.00
SCHWARTZ, KRYSTIN	7/20/2023	08/04/2023	Escrow Release - 7755 Boyd A...	702.229.2304003	1,283.00
URBAN ESCAPES LLC	8/3/2023	08/04/2023	Escrow Release - 6402 Alvina ...	702.229.2305803	853.67
Fund 702 - ESCROW FUND Total:					9,836.41

Grand Total: 4,295,174.08



Request for Council Action

SUBJECT: **Personnel Actions**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Cora Bauer, HR Coordinator, 651.450.2490

ACTION REQUESTED

The Council is asked to confirm and approve the personnel actions as attached.

BACKGROUND

The attached listing of hires, promotions, resignations and/or retirements is presented for Council approval. Data contained in the attachment is not public information until after Council takes action.

FISCAL IMPACT

All positions to be filled are funded within the adopted City budget.

RECOMMENDATION

Staff recommends approval of the attached personnel actions.

ATTACHMENTS

1. Personnel Actions 08.14.23



Request for Council Action

SUBJECT: Ice Usage Agreement with Premier Skating Academy

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Julie Dorshak, Recreation Superintendent, 651.450.2588

ACTION REQUESTED

The Council is asked to approve the attached Ice Usage Agreement with Premier Skating Academy.

BACKGROUND

The Parks and Recreation Department has been coordinating and offering a Learn to Skate USA (LTS) program at the VMCC for most of its years of existence. The LTS program is a nationally recognized ice-skating program that offers skill-based programs for skaters of all ages and abilities. Learn to Skate USA is endorsed by U.S. Figure Skating. The LTS program currently organized by the City primarily offers classes for youth figure skating, however, the program does offer some adult, teen and youth hockey classes as well.

A LTS program is a key offering for a municipal ice arena, as figure skating is a yearlong sport that compliments the use of an arena, providing a balance of programming during the summer months. Approximately 50% of local ice arenas run LTS independently and the other 50% either partner with or rent ice to an outside organization to offer LTS and Figure Skating Club programs.

The curriculum and certification requirements for LTS are dictated by Learn to Skate USA and are mandatory for implementing the program. As with many sports, the requirements continue to increase and change each year. Most recently, changes in the requirements for staff training and certifications were implemented which has increased the required skill level of instructors and expected wages, plus creating additional costs for training of staff.

It is possible for the City to continue to offer the LTS program. However, to be competitive, attracting quality skating coaches is key, as well as having the capacity and time to continue to grow the program. The City's current wages for LTS staff are lower than industry standards. In addition, there are increased requirements and membership costs for the LTS program which will require additional training hours and time for supervision for the program. Parks and Recreation staff did adjust part-time wages in 2023 to be more competitive in the market, however, further increases would be necessary, approximately a minimal increase of \$2,000-\$3,000. This estimate does not account for the additional staff time that would be necessary for the Recreation Coordinator and Ice Programs Supervisor responsible for oversight of the program. The expected additional supervisory hours are estimated to be around 5-6 hours per week.

Staff believe the challenges identified above create an opportunity to shift to a new model with Premier Skating Academy (PSA). PSA is an organization with an owner who has 20 years of coaching experience and connections to the professional skating world. To continue to build a

successful LTS skating program for our residents, staff believe cooperating with the PSA to manage and implement the LTS program will allow the program to continue to grow with an organization that has the time and staff to manage that expansion. PSA also has the ability to hire qualified coaches, pay staff at a higher competitive rate, offer additional working hours, as well as a simpler staff onboarding and training process. In addition, PSA plans to partner and collaborate with the Great River Figure Skating Club to purchase ice for ice shows and other organized skating events, as well as to continue to develop a Figure Skating Club at the VMCC.

Transitioning the LTS program to PSA will provide the following additional benefits to the IGH community:

- Ability to provide a fluid program from a beginning skating level to advanced as well as competitive skating.
- Increased figure skating presence in the metro with an ability to be viable in the competitive market and attract participants.
- Potential for increased ice rentals as the program grows.
- Ability to bring future figure skating competitions to the VMCC.
- Ability to respond and align more quickly to trends, industry standards, current regulations, and program needs.

This transition will align all parties to coordinate the areas of business they do well. Ultimately, having a successful LTS program will lead to increased program opportunities for our residents as well as increased ice purchasing as the LTS program grows and interest in professional skating increases.

Recreation Coordinator Chelsea Swenhaugen, will continue to serve as a liaison for the program and will help PSA coordinate messaging to customers to ensure a smooth transition. Chelsea will also work with PSA to coordinate City-sponsored special events such as Skate with Santa and Scary Skate.

A key summary of the agreement terms are below:

1. Overall Rental Terms:

- 2-year agreement beginning September 1, 2023.
- A total of 72 hours were booked as LTS hours in 2022 Tuesday and Sunday nights. PSA is assured of these hours and may request additional hours of time as available.
- PSA shall be responsible for supervising, controlling, and monitoring its participants and invitees. VMCC is not responsible for personal property of PSA or its participants.

2. Transition Communication/Advertising: The City will allocate one half page in the Parks and Recreation Winter/Spring 2024 brochure and one quarter page in the Summer 2024 brochure for transition to the new LTS format. A bulletin board within the VMCC will also host LTS information. Any additional advertising shall be the responsibility of PSA.

3. Fees/Scholarships: PSA shall continue to offer the LTS program at a comparable price with an annual cost of living increase of no more than 3%-5%. PSA further agrees to offer partial scholarships to students in need, utilizing similar criteria to the city's scholarship program for reduced class fees.

The changeover is slated to begin on September 1, 2023. The current LTS session will end on August 29, 2023. The primary changes to the program for customers will be to register through PSA rather than the City. There should be little to no disruption in the type of classes offered or lead instructors implementing the lessons.

FISCAL IMPACT

The City's net revenues for the Learn to Skate Program have been as follows:

2018 \$16,134
2019 \$12,107
2020 \$ 5,567
2021 \$15,777
2022 \$27,367

The table below shows the revenues and expenses for 2022, as well as the projected 2023 budget and estimated year-end revenue should the Parks and Recreation Department continue to offer the program. As shown, the estimated staffing costs have doubled from 2022. Staff anticipate that with the additional costs to run the program, the potential revenue for 2024 and beyond will be less than \$17,000 without increasing the LTS fees, which are currently in line with local markets.

	2022		2023	
	Budget	Actual	Budget	Estimate Yearend
<i>Revenue</i>	\$ 31,310	\$ 39,165	\$ 34,000	\$ 40,400
<i>Expense</i>				
Staff	\$ (15,500)	\$ (10,620)	\$ (20,042)	\$ (21,068)
Supplies	\$ (1,120)	\$ (1,178)	\$ (2,080)	\$ (2,000)
Net Revenue	\$ 14,690	\$ 27,367	\$ 11,878	\$ 17,332

With the transition of the Learn to Skate program to PSA, the projected 2024 rental revenue is \$28,000-\$30,000. This will create an approximate \$11,000-\$13,000 increase in overall revenue in ice arena rentals.

RECOMMENDATION

Staff recommends approval of the Ice Usage Agreement with Premier Skating Academy.

ATTACHMENTS

1. Ice Contract Agreement with PSA

City of Inver Grove Heights Parks and Recreation Department
&
Premier Skating Academy, LLC
Ice Usage Agreement

AGREEMENT

This Ice Usage Agreement (Agreement) is entered into between the City of Inver Grove Heights, a Minnesota Municipal Corporation (City) and Premier Skating Academy LLC, a Minnesota limited liability company (PSA) for the use of ice at the Veterans Memorial Community Center (VMCC) for two-year period beginning on September 1, 2023 and ending August 31, 2025.

PURPOSE

The City of Inver Grove Heights, through its Parks and Recreation Department, operates the Veterans Memorial Community Center (VMCC) to benefit the citizens of the community. Consistent with this mission and in recognition that this revenue facility must meet its operational cost objectives, a strong partnership needs to be forged with its users. PSA is one of the important users who benefit from a successful operation and is committed to promoting a strong figure skating presence at the facility. The City's Parks and Recreation Department has run a Learn to Skate USA® program for many years, providing participants the opportunity to learn to ice skate. The City has determined that PSA has the ability to offer a Learn to Skate USA® program to participants, and that it would be beneficial to both parties for the City to sell the ice time it previously reserved for its Learn to Skate USA® program to PSA upon PSA's agreement to offer a Learn to Skate USA® program at the VMCC.

LEARN TO SKATE USA® PROGRAMMING

The City currently offers Learn to Skate USA® programming. PSA intends to offer Learn to Skate USA® programming during the term of this Agreement, and agrees to provide at least 72 hours of Learn to Skate USA® programming at the VMCC during each calendar year that this Agreement remains in effect. The Parties acknowledge that but for PSA offering the Learn to Skate USA® programming at the level described herein, the City would not be offering the ice time it currently uses for its Learn to Skate USA® programming to PSA at the times and rates established in this Agreement.

TERM AND TERMINATION

This Agreement shall terminate on August 31, 2025, unless earlier terminated by either party. Either party may terminate this agreement by providing at least one year's written notice to the other party, which shall be given no later than April 1 of the year prior to the effective date of termination. Notwithstanding the above, the City may terminate this Agreement

upon thirty (30) days written notice for breach of any material term or condition of this Agreement by PSA, including but not limited to nonpayment of ice time fees as required by this Agreement or failure by PSA to offer Learn to Skate USA® programming as required herein. Prior to the City terminating this Agreement, City agrees to provide written notice to PSA of any breach of any material term or condition of this Agreement by PSA, including written notice of how PSA can remedy the breach, and a reasonable timeline for PSA to do so.

RESPONSIBILITIES OF CITY AND PSA FOR BUILDING USE

1. The City is exclusively responsible for the management, operation, scheduling, and maintenance of the VMCC (including Rink #1, Rink #2, and the common area).
2. During its ice rental times, PSA shall supervise, control and monitor its participants and invitees. Coaches/Instructors must ensure that participants leave the ice immediately at the end of their scheduled time. Coaches/instructors or other adult supervisors must be present at all times. The VMCC is not responsible for personal property of PSA or its participants. If PSA participants damage the facility or City property, PSA is responsible for repairing such damage to the City's satisfaction or paying the City for the repair of such damage.

VMCC ICE PRIORITY

Ice will be allocated using the following priorities for the Summer (May 1st through October 15) and Winter (October 16th through April 30) hours:

1. High School (ISD #199) & Post Season MSHSL Sectional Playoff Games
2. City of Inver Grove Heights recreational and community programs to include:
 - Public Open Skating
 - Public Open Hockey
 - Parks and Recreation Programs or Events
3. Inver Grove Heights Hockey Association
4. Other Contractual Organizations- Including PSA, City of Rosemount

The City will be responsible for making ice hours available to PSA for purchase other than those reserved for ISD #199, Post Season MSHSL Play, IGHHA, Rosemount, and City recreational and community programs.

PROCESS FOR ICE SCHEDULING

PSA shall be responsible for designating an Ice Scheduler who shall be the primary contact with the designated City Ice Scheduling Coordinator. The City Ice Scheduling Coordinator will be the PSA contact with the City for all ice scheduling matters. If the City Ice Scheduling Coordinator is unavailable the Recreation Superintendent will be the contact.

The PSA Ice Scheduler will submit their request for hours as follows:

- Winter Season which will be identified as October-April, all rentals during this time rentals shall be on the West Rink.
 - October 2023-April 2024 requests are completed as of this contract date.
 - October 2024-April 2025 requests shall be due by April 1, 2024.
- Summer Season will be identified as May-August, rentals will be on the East Rink.
 - May 2024-August 2024 request shall be due by August 1, 2023
 - May 2025-August 2025 request shall be due by August 1, 2024

Within 30 days of receiving an ice use schedule from PSA, the City will confirm all PSA hours for use for the given time period. For all confirmed hours during the year, PSA shall be able to cancel a maximum of twenty (20) hours in a calendar year upon (30) days' notice prior to the scheduled date of scheduled ice time.

ICE SCHEDULING PROVISIONS

PSA ice hours will first be scheduled as requests on the rinks during previously used Learn to Skate timeframes which are from 5:30-7:30 pm on Tuesday evenings and on Sunday afternoons from 4:30-6:30 pm for a total of at least 72 hours. Any additional hours may be reserved during unscheduled or underutilized ice hours, ensuring no other user or public open times are affected.

PSA may not resell, share, or otherwise transfer any ice time provided to PSA under this Contract to any other person, group, or entity.

RENTAL RATES

Ice rates shall be reviewed and approved by the Inver Grove Heights City Council on an annual basis as shown on the City's fee schedule. PSA shall pay the prime and non-prime rates established by the fee schedule for all ice time used. These rates currently range from \$145-\$225/hour.

PAYMENTS

Payments will be made by the last day of each month for the previous month's usage, commencing September 30th for ice usage in August. An invoice for actual hours used will be provided to PSA at the end of each month for payment. Errors and omissions are to be brought to the attention of the City Ice Scheduler for immediate resolution. In the event there is an error that cannot be resolved by the last day of the month, payment shall still be made with any corrections in billing to be adjusted for in the following months billing.

All payments due for the previous calendar year must be made in full by January 31. Failure to make all payments as required may result in termination of this Agreement.

STORAGE AND ACCESS TO VMCC FACILITIES

PSA shall have access to and use of previously used Learn to Skate USA® program supplies including skate toys, skating parachutes, white board and easel owned by the City. Further, PSA shall have permitted access to locker rooms and the Open Ice Office for coaches/instructors and participant use during the time PSA is offering Learn to Skate USA programming, including 30 minutes before and 30 minutes after scheduled ice time for the programming.

PSA shall be permitted to purchase at their expense and store up to two locked deck boxes within the east and west rink areas. Deck box size and location must be mutually acceptable and approved by the City Facilities Operations and Maintenance Supervisor prior to placement. Deck boxes shall be securely placed in approved location by City staff. City staff reserve the right to temporarily relocate or remove deck boxes as necessary for maintenance or access needs. City staff shall give PSA notice of planned projects and need for deck box movement within 48 hours. Deck boxes are the sole property of PSA, and the City will not be responsible for any items stored in or left outside of the boxes.

TRANSITION COMMUNICATION.

City agrees to send an email communication to all prior and current Learn to Skate® program participants advising them of the transition of Learn to Skate® programming from the City to PSA. PSA may leave written materials (pamphlet, postcard, or flyer) at the front desk of the VMCC for City staff to share with interested parties asking about Learn to Skate® programming. City agrees to provide a one-half page space within the Parks and Recreation Winter/Spring brochure and a one quarter page in the Summer 2024 brochures to inform the community of the transition of the Learn to Skate USA® program operations to PSA. Any additional promotions will be the responsibility and expense of PSA. City also agrees to create a Skating Opportunities and Information Bulletin Board within the VMCC where PSA can post Learn to Skate information; City reserves the right to post other ice activity related information from the City, hockey association, and other third parties.

FEES AND SCHOLARSHIPS FOR PARTICIPANTS.

The Learn to Skate USA® program is traditionally a youth program to teach young people to skate. The city desires a non-disruptive transition to PSA oversight. The City's current Learn to Skate USA® program is priced at approximately \$12 per 30-minute class. PSA agrees to continue to offer the Learn to Skate USA® program for the fall of 2023 at the same price of \$12/class, with yearly fee increases in 2024 and 2025 of no more than 3-5% per

year. PSA further agrees to offer financial assistance to its Learn to Skate USA® participants who have a demonstrated financial need in a manner similar to how the City's Parks and Recreation Department currently offers scholarships to its program participants.

INSURANCE AND INDEMNIFICATION.

1. PSA shall maintain Commercial General Liability insurance in a minimum amount of \$1,000,000 per occurrence; \$2,000,000 annual aggregate. The policy shall cover liability arising from premises, operations, products-completed operations, personal injury, advertising injury, and contractually assumed liability. The City, including its elected and appointed officials, employees, and agents, shall be endorsed as additional insured.

2. To the fullest extent permitted by law, the PSA shall defend, indemnify and hold harmless the City, and its employees, officials, and agents from and against all claims, actions, damages, losses and expenses, including reasonable attorney fees, arising out of the PSA's negligence or PSA's performance or failure to perform its obligations under this Agreement. PSA's indemnification obligation shall apply to anyone directly or indirectly employed or hired by PSA, or anyone for whose acts the PSA may be liable. PSA agrees this indemnity obligation shall survive the completion or termination of this Agreement.

UNAVAILABILITY OF FACILITY.

In the event City facilities are not useable due to repairs or unexpected circumstances such as inclement weather, acts of God, electrical/mechanical/equipment malfunctions, fire or other casualties, and the City cancels the use of the facility by PSA shall be rescheduled or cancelled at the discretion of PSA. City staff shall notify PSA of any significant ice maintenance projects that impact access and scheduling for PSA ice time at least six months in advance.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the day and year first above written.

CITY OF INVER GROVE HEIGHTS

PREMIERE SKATING ACADEMY LLC

Print Name and Title

Print Name and Title

Signature/Date

Signature/Date

Request for Council Action

**SUBJECT: Marketing Contract for Inver Wood Golf Course
Anniversary Membership Campaign**

MEETING DATE: August 14, 2023
ITEM TYPE: Consent Agenda
CONTACT: Matt Moynihan, Clubhouse Superintendent, 651.450.4324

ACTION REQUESTED

The Council is asked to approve the attached contact with Mulligan Marketing Concepts (MMC) to create an Anniversary Membership Campaign for the Inver Wood Golf Course.

BACKGROUND

In 2018 and again in 2020, the City of Inver Grove Heights contracted with Mulligan Marketing Concepts (MMC) to design and assist staff with the implementation of an Anniversary Membership Campaign for the Inver Wood Golf Course. The Anniversary Membership consists of unlimited golf at the Inver Wood Golf Course, subject to certain limitations. In past years, the campaign has been a tremendous success for the golf course in creating good will from golfers, filling un-used tee times, and generating the revenue necessary to cover the operational and capital needs of the course.

Highlights of the 2024-2025 program include:

Price	\$298 (number needs to be evenly divisible by 2)
Length of membership	2 year (2024, 2025)
Advanced tee time access	3 days
Marketing Firm Compensation	10% of gross

The primary purpose of the Membership Drive is to book tee times that typically go unused. Below is an overview of the terms of the Anniversary Membership Program:

- \$298 membership paid to Inver Wood good for 2 years (2024 & 2025 golf seasons)
- Enables the membership holder to all the golf they want for 2 years with no additional green fees, does not include leagues, events, tournaments, etc.
- Cannot make a tee time before 12:00 noon on Saturdays and Sundays
- Cannot be used on holidays
- May make and play in tee times made up to 3 days in advance
- Does not include use of driving range, golf carts, pro shop, or food & beverage purchases
- Has taken our tee sheet utilization from 40% to 75%+

MMC Marketing

- Receives 10% of gross revenues generated from this specific membership drive
- Administrative fee charged to golfers covers 100% of payment to MMC.
- Only gets paid for the memberships that get sold; City collects membership fees
- Provides marketing advice/ideas/concepts year-round for no extra charge

Marketing Campaign

- Email sent to existing membership holders,
- Marketed on Twitter, Facebook, city/golf course web and social media site(s)
- Membership opens to the public on August 26, 2023
- Develop FAQ to reduce questions coming via phone/email

Registration Process is On-Line

- All registrations will be taken on-line to reduce foot traffic and phone traffic
- All registrations are captured automatically in our system, so registration information is accurate
- Payments are processed immediately on-line

Key Points

- Growing the game, increasing rounds by adding new customers and targeting un-used tee times
- No increased staff expenses to generate additional revenue
- Members will bring non-member friends who will pay the full rate(s)

FISCAL IMPACT

The last two membership campaigns brought in an average of \$340,000 per year. Revenue received from this campaign will be deferred and split evenly between 2024 and 2025.

RECOMMENDATION

Staff recommends approval of the attached contract with Mulligan Marketing Concepts (MMC).

ATTACHMENTS

1. 2023 INVER WOOD GOLF COURSE AGREEMENT

MEMBERSHIP IMPROVEMENT AGREEMENT

THIS MEMBERSHIP IMPROVEMENT AGREEMENT (“Agreement”) is made this 14th day of August, 2023 (the “Effective Date”), by and between Mulligan Marketing Concepts (“Consultant”), a Florida corporation, with offices at 4600 Touchton Road E Building 100, Suite 150, Jacksonville, Duval County, Florida, and the City of Inver Grove Heights, a Minnesota municipal corporation (“Client”) with a principal place of business located at 8150 Barbara Avenue, Inver Grove Heights, MN 55077.

BACKGROUND

WHEREAS, Consultant designs membership improvement campaigns specially tailored for golf clubs and courses; and

WHEREAS, Client operates a golf course with the name Inver Wood Golf Course located at 1850 70th Street, Inver Grove Heights, MN 55077 (the “Course”) and desires for Consultant to establish a campaign for the Course to increase its membership and golf course tee time utilization (the “Campaign” or “Anniversary Membership Campaign”); and

WHEREAS, Consultant is willing to specifically design and tailor an Anniversary Membership Campaign for the Course, but only if Client agrees to the terms of this Agreement.

NOW THEREFORE, in consideration of the promises and for the other good and valuable consideration set forth herein, the parties agree as follows:

TERMS & CONDITIONS

1. **NATURE OF AGREEMENT.** Consultant shall be an independent contractor at all times and shall not be deemed to be an agent, servant, or employee of Client. Consultant shall have sole exclusive control of the implementation and execution of the Campaign pursuant to the Campaign parameters established herein.

2. **APPROVAL OF CAMPAIGN.** By executing this Agreement, Client hereby approves the Campaign which is defined as a membership campaign for the sale of Anniversary Memberships in a maximum number to be determined in the sole discretion of the Golf Course Manager, which Anniversary Memberships consist of two (2) year unlimited golf memberships (subject to certain restrictions as approved by Client) for \$298 to be launched on August 16th, 2023 (“Campaign Commencement Date”). The Campaign will be conducted by Consultant under this Agreement, and Client agrees to cooperate fully with Consultant in implementing the Campaign, which cooperation may include, but not necessarily be limited to, employing a direct mail package designed by Consultant to attract potential purchasers of Anniversary Memberships. The direct mail package shall include information concerning the Anniversary Membership terms and the Course’s facilities. Client covenants and agrees once the campaign has raised sufficient funds, in the sole discretion of the Golf Course Manager, to move forward to direct mail, Consultant shall

be permitted to complete all phases of the Campaign until the Campaign Completion Date, which shall be no later than one hundred twenty (120) days from the Campaign Commencement Date, regardless of the results of the Campaign.

3. **CAMPAIGN COSTS.** The funds needed to execute all phases of the Campaign including the direct mail phase of the Campaign, must be raised through the gross receipts received by the sale of Anniversary Memberships through the Campaign. All Campaign costs shall be paid directly by the City to all vendors. If, for any reason, insufficient funds are raised to advance the amount(s) necessary to proceed with any phase of the Campaign including the direct mail phase of the Campaign, Client may cancel this Agreement without any further monetary obligation to Consultant beyond the Campaign Success Fees due, as defined below in 4a.

4. **COMPENSATION OF CONSULTANT.** For designing and implementing the Campaign for Client and the Course, Consultant shall be compensated as follows:

- a. ***Campaign Success Fee:*** A Campaign Success Fee (the “Campaign Success Fee”) shall be paid to Consultant equal to ten percent (10%) of the gross receipts received by Client for the Anniversary Memberships sold by Client during the Campaign and for a period of two (2) years after the Campaign Commencement Date. Client shall pay the Campaign Success Fee to Consultant twice a month following the Campaign Commencement Date through the final day of the Campaign (the “Campaign Completion Date”). The payments must be wired or otherwise directly deposited into Consultant’s designated bank account. Payment to Consultant of the Campaign Success Fee for Anniversary Memberships sold by Client after the conclusion of the Campaign shall be made monthly.
- b. ***Venue.*** The parties specifically consent to personal jurisdiction over any disputes arising hereunder, or otherwise arising between the parties, in Dakota County District Court, Dakota County, Minnesota.
- c. ***Memberships Sold After Campaign Conclusion.*** Anniversary Memberships sold by Client after the conclusion of the Campaign and up to and including two (2) years after the Campaign Commencement Date are subject to payment to Consultant of the Campaign Success Fee.
- d. ***Limitation on Campaign Success Fee:*** The Campaign Success Fee is only paid on the gross revenue raised from the Anniversary Memberships designed by Consultant for this promotional campaign and sold as part of the Campaign; not the Course’s entire gross receipts e.g., green fees, food and beverage sales, cart fees, range revenue. Client shall retain 100% of the residual revenue from its profit centers and renewals. Client reserves the right to offer discounts, membership structures, and membership campaigns other than the Anniversary Campaign, and Consultant shall not be entitled to receive a Campaign Success Fee or any other compensation for the sale by Client or the Course of any such discounts or memberships.
- e. ***Sole Compensation.*** The Campaign Success Fee shall be Consultant’s sole compensation for its design and implementation of the Campaign. Consultant shall not

otherwise be reimbursed for any of its costs or expenses associated with the Campaign.

5. **COURSE OPERATIONS.** During the period of the Campaign, Client shall at all times operate and maintain the Course in a reasonable manner and with reasonable hours for a golf course of its class. Client shall also cooperate with Consultant in the implementation of the Campaign. Client agrees to maintain its current Course membership fee schedule until the Campaign Completion Date. The parties agree that Client may continue to sell memberships to the Course at its regular membership rates and Consultant shall not be entitled to any portion of regular membership receipts collected by the Client for the Course that are wholly unrelated to the Campaign during the term of the Campaign. It being agreed and understood that, subject to Section 4(d), the Campaign Success Fee is only calculated based upon membership receipts received by Client for the Anniversary Memberships sold by Client for \$298 during the term of the Campaign. Consultant shall not be entitled to compensation based on the resale of any unclaimed or unused Anniversary Memberships.

6. **ACCESS TO SALES AND FINANCIAL RECORDS.** Client agrees to provide Consultant with a weekly accounting of all receipts generated from the Campaign. Additionally, Client agrees to provide to Consultant and Consultant's agents full and free access to all books, records, and financial sales data of Client which are classified as Public Data under Minnesota Statutes, Chapter 13, the Minnesota Government Data Practices Act, to verify all amounts owed to Consultant pursuant to the terms of this Agreement. Client agrees to timely provide Consultant with all reasonable documentation requested by Consultant or Consultant's agents to determine the amounts owed to Consultant hereunder.

7. **EXCLUSIVITY.** Consultant agrees that for a period of two (2) years from the Commencement Date, Consultant will not work with any golf courses or golf clubs located within the area where the direct mail portion of the Campaign was conducted, if the Campaign progresses to a direct mail campaign, or within a ten (10) mile radius of the Course, whichever distance is greater, to execute and implement a similar campaign.

8. **CONFIDENTIALITY AND TRADE SECRETS.**

a. ***Confidential Information and Trade Secrets.*** Client acknowledges that all ideas, concepts, specifics and particulars relating to the Campaign represent proprietary trade secrets of Consultant are the sole property of Consultant and represent confidential information of Consultant (the "Confidential Information"). Client, on its own behalf and on behalf of all of its employees and agents (collectively for purposes of this paragraph the "Client"), covenants, agrees and warrants keeping the Confidential Information confidential and further agrees it shall not disclose the Confidential Information to any third party except as permitted or required under Minnesota Statutes, Chapter 13, the Minnesota Government Data Practices Act. Consultant agrees and understands that notwithstanding anything to the contrary in this Agreement, data maintained by the City shall be subject to the provisions of the Minnesota Government Data Practices Act. Client further covenants, agrees and warrants it shall not use the Confidential Information for its own personal use or benefit or the use or benefit of any third party without first obtaining Consultant's prior written consent. By entering into this Agreement with Consultant, Client agrees it has no right, title or interest in the Confidential Information and the Campaign and understands and agrees that the Confidential Information and the Campaign are and shall continue to remain the sole property of Consultant.

b. ***Mandatory Disclosures.*** If Client is requested or becomes legally compelled (by oral questions, interrogatories, requests for information or documents including a request for data under Minnesota Statutes, Chapter 13, the Minnesota Government Data Practices Act, subpoena, civil or criminal investigative demand, or similar process) or is required by a regulatory body to make any disclosure that is prohibited or otherwise constrained by this Agreement, Client will provide Consultant with prompt notice of such request so that Consultant may seek an appropriate protective order or other appropriate remedy.

c. ***Return of Confidential Information.*** Promptly upon Consultant's request, Client shall deliver to Consultant any Confidential Information, including original or copies of all documents used in the Campaign, that are in the possession or under the control of Client, except to the extent that such Confidential Information and documents are required to be retained under Client's Records Retention Schedule or are otherwise required by law to be retained. Promptly upon Consultant's request, Client shall destroy materials generated by Client that include or refer to any part of the Confidential Information, including the Campaign, without retaining a copy of any such material, except to the extent that such materials are required to be retained under Client's Records Retention Schedule or are otherwise required by law to be retained.

d. ***Indemnification.*** Consultant shall defend, indemnify and hold the Client from and against any and all expenses, costs, damages and liabilities, including attorney's fees and costs, incurred or sustained by the Client as a result of Consultant's alleged negligent acts or omissions in performance of this Agreement.

9. **SURVIVING OBLIGATIONS.** Upon the termination of this Agreement and/or cancellation of the Campaign, each of the respective parties shall be immediately released from all rights and obligations under this Agreement, except those obligations of the parties contained in paragraphs 4 and 8 of this Agreement, which obligations shall continue in full force and effect following the termination of this Agreement and/or the cancellation of the Campaign.

10. **SUCCESSORS.** This Agreement shall bind the successors, heirs, representatives, and assigns of all the parties to this Agreement.

11. **FULL COOPERATION.** Each of the parties hereto agree to cooperate with each other and to promptly execute any and all consents, authorizations or other documents reasonably necessary to carry out the terms of this Agreement and/or the Campaign.

12. **COUNTERPARTS.** This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

13. **ENTIRE AGREEMENT.** This Agreement constitutes the entire agreement of the parties, all prior negotiations and agreements, whether written or oral, having been merged into

this Agreement. All recitals set forth at the beginning of this Agreement are true and incorporated by reference.

14. **AMENDMENTS.** No amendments, modifications, alterations, or additions to this Agreement shall be binding unless made in writing and signed by all parties to this Agreement.

15. **GOVERNING LAW.** This Agreement shall be subject to and governed in all respects by the laws of the State of Minnesota.

16. **REVIEW BY COUNSEL.** Each party has had the opportunity to have this Agreement reviewed by independent counsel of their own choice before signing it. As such, the judicial rule of construction requiring or allowing a document to be construed to the detriment of or against the interests of the document's maker or drafter shall not apply to this Agreement.

17. **NON-WAIVER.** The failure of any party to this Agreement to insist upon the performance of the terms and conditions of this Agreement, or the waiver of any breach of any of the terms and conditions of this Agreement, shall not be construed as thereafter waiving any such terms and conditions or rights related thereto, all of which shall continue and remain in full force and effect as if no such forbearance or waiver had occurred.

18. **NOTICE.** Any notice required or permitted pursuant to this Agreement shall be sent by certified mail, United States mail, postage prepaid, to each of the parties at the following addresses, or such other address as may be provided in writing to the other party:

If to Client: Inver Wood Golf Course
Attn: Matt Moynihan
1850 70th Street
Inver Grove Heights, MN 55077
mmoynihan@invergroveheights.org

If to Consultant: MMC®
Attn: Chuck Thompson
4600 Touchton Road E Building 100, Suite 150
Jacksonville, Florida 32246
chuck@mmctoday.com

It is an ongoing obligation of all parties to this Agreement to keep each informed as to their current address.

IN WITNESS WHEREOF, this Agreement shall become effective as of the Effective Date.

“CONSULTANT”

MMC®

By: _____
Print Name: Chuck Thompson
Title: President/CEO

“CLIENT”

CITY OF INVER GROVE HEIGHTS

By: _____
Print Name: Brenda Dietrich
Its: Mayor

Attest: _____
Print Name: Rebecca Kiernan
Its: City Clerk



Request for Council Action

SUBJECT: **Resolution Accepting Work, Authorizing Final Payment, and Closing the Contract for City Project No. 2021-09D**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Steve Dodge, Assistant City Engineer, 651.450.2541

ACTION REQUESTED

The City Council is asked to adopt the attached Resolution, accepting work, authorizing final change order and payment, and closing the contract for City Project No. 2021-09D - Bryant Lane Area Improvements.

BACKGROUND

As part of the 2021 Pavement Management Program, Project No. 2021-09D for improvements to Blackberry Trail East, Bryant Lane, Burke Trail, Bradbury Court, and Brent Avenue was ordered by the City Council on February 22, 2021, with a total project feasibility budget of \$2,426,754.00. McNamara Contracting, Inc. was awarded the contract on May 10, 2021 in the amount for \$1,424,376.00 for construction of the improvements. Two subsequent change orders increased the contract value by \$92,399.90 to a total approved contract of \$1,516,775.90.

The attached Final Pay Voucher No. 6, in the amount of \$7,332.28, will constitute payment in full for all work performed for a total contract payment of \$1,466,456.28. Also attached is Final Compensating Change Order No. 3, in the amount of (\$50,319.62). The Final Compensating Change Order balances the approved contract amount and allows staff to administratively close the project budget. With final total project costs, including legal, administrative, engineering, and finance (LEAF) costs, determined by staff to be \$1,756,978.51, a savings of \$660,775.49 (27%), as compared to the feasibility budget, is realized for this project.

FISCAL IMPACT

The final compensating change order requests a reduction in the construction contract amount of (\$50,319.62), setting the final contract amount to \$1,466,456.28. The project was funded through Special Assessments, Pavement Management - Local Streets Fund (Fund 440), Water Capital Fund (Fund 511), and Sewer Capital Fund (Fund 521).

RECOMMENDATION

Staff recommends adoption of the attached Resolution, accepting the contract work, approving final compensating change order, authorizing final payment, and closing the contract for City Project No. 2021-09D.

ATTACHMENTS

1. Resolution - Final Acceptance - 2021-09D

2. Engineer's Report of Final Acceptance - 2021-09D
3. Final Compensating Change Order - 2021-09D
4. Final Pay Voucher - 2021-09D

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION ACCEPTING WORK, AUTHORIZING FINAL PAYMENT, APPROVING FINAL
COMPENSATION CHANGE ORDER, AND CLOSING OF CONTRACT FOR CITY PROJECT NO.
2021-09D – BYANT LANE AREA IMPROVEMENTS**

WHEREAS, on February 22, 2021, the City Council approved City Project No. 2021-09D (Resolution 2021-052) with a total estimated project budget of \$2,426,754.00 as identified in the feasibility report thereto, to be hosted in the Pavement Management – Local Streets Fund (Fund 440), with contributions in project funding from Special Assessments, the Pavement Management - Local Streets Fund (Fund 440), Water Capital Fund (Fund 511), and Sewer Capital Fund (Fund 521); and

WHEREAS, on May 10, 2021, the City Council awarded a contract to McNamara Contracting, Inc. (Resolution 2021-143) in the amount of \$1,424,376.00 for the construction of City Project No. 2021-09D; and

WHEREAS, on January 10, 2022, and March 27, 2023, the City Council approved contract change orders in the amount of \$86,449.90 and \$5,950.00 for contract work, bringing the total approved contract value to \$1,516,775.90; and

WHEREAS, pursuant to a written contract with the City of Inver Grove Heights dated May 10, 2021, McNamara Contracting, Inc. satisfactorily completed improvements and appurtenances for City Project No. 2021-09D – Bryant Lane Area Improvements for a total contract cost of \$1,466,456.28.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS, MINNESOTA THAT:

1. The Council accepts the Engineer's Report of Final Acceptance as approval of the work completed under this contract.
2. The Council approves the Final Compensating Change Order (Change Order No. 3).
3. The Mayor and the City Clerk are hereby directed to issue a proper order for final payment (Pay Estimate No. 6) on this contract, taking the contractor's receipt in full, and closing the construction contract for Project No. 2021-09D.

Adopted by the City Council of the City of Inver Grove Heights this 14th day of August 2023.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

ENGINEER'S REPORT OF FINAL ACCEPTANCE

CITY PROJECT NO. 2021-09D - BRYANT LANE AREA IMPROVEMENTS

August 14, 2023

TO THE CITY COUNCIL
INVER GROVE HEIGHTS, MINNESOTA

HONORABLE MAYOR AND CITY COUNCIL MEMBERS:

This is to advise you that I have received the work under contract to McNamara Contracting.
The work consisted of a street reconstruction with utility improvements.

The contractor has completed the project in accordance with the contract.

It is recommended, herewith, that final payment be made for said improvements to the contractor in the amount as follows:

ORIGINAL CONTRACT PRICE	\$1,424,376.00
CHANGE ORDERS	\$42,080.28
FINAL CONTRACT AMOUNT	\$1,466,456.28
FINAL VALUE OF WORK	\$1,466,456.28
PREVIOUS PAYMENTS	\$1,459,124.00
BALANCE DUE	\$7,332.28

Sincerely,

A handwritten signature in blue ink that reads "Steve W. Dodge". The signature is written in a cursive, flowing style.

Steve W. Dodge, P.E.
Assistant City Engineer

FINAL COMPENSATING CHANGE ORDER NO. 3

2021 Pavement Management Program

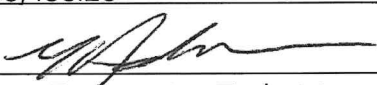
CITY PROJECT NO. 2021-09D - BRYANT LANE AREA IMPROVEMENTS

Owner: City of Inver Grove Heights 8150 Barbara Avenue Inver Grove Heights, MN 55077	Date of Issuance: August 14, 2023
Contractor: McNamara Contracting 16700 Chippendale Ave. Rosemount, MN 55068	Engineer: City of Inver Grove Heights

PURPOSE OF CHANGE ORDER

To balance the value of the work satisfactorily completed and total payments made to the Contractor.

Total Value of Work Completed to Date	\$1,466,456.28
<u>Contract Amount to Date</u>	<u>\$1,516,775.90</u>
Final Compensating Change Order Amount	(\$50,319.62)

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price: \$1,424,376.00	Original Contract Time: Final Completion: September 10, 2021
Previous Change Orders \$92,399.90	Net Change from Previous Change Orders None
Contract Price Prior to this Change Order \$1,516,775.90	Contract Time Prior to this Change Order None
Net Increase (Decrease) of this Change Order (\$50,319.62)	Net Increase (Decrease) of Change Order None
Contract Price with all Approved Change Orders \$1,466,456.28	Contract Time with Approved Change None
Recommended By: 	Approved By:  7/26/23
Nick Hahn, Senior Engineering Technician	McNamara Contracting

Approved By:


Paul Merchlewicz, City Engineer

Approved By:


Brenda Dietrich, Mayor

Date of Council Action:

August 14, 2023

CONSTRUCTION PAYMENT VOUCHER

ESTIMATE NO: 6 (Six - Final)
DATE: August 14, 2023
PERIOD ENDING: July 31, 2023
CONTRACT: 2021 Pavement Management Program
PROJECT NO: 2021-09D - Bryant Lane Area Improvements

TO: McNamara Contracting, Inc.
16700 Chippendale Ave.
Rosemount, MN 55068

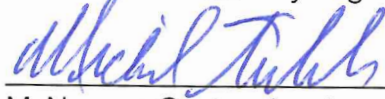
Original Contract Amount.....\$1,424,376.00
Total Addition (Change Order No. 1, 2).....\$92,399.90
Total Deduction (Final Compensating Change Order No. 3).....(\$50,319.62)
Total Contract Amount\$1,466,456.28
Total Value of Work to Date\$1,466,456.28
Less Retained (0%)\$0.00
Less Previous Payment.....\$1,459,124.00
Total Approved for Payment this Voucher\$7,332.28
Total Payments including this Voucher.....\$1,466,456.28

Approvals:

Pursuant to our field observation, I hereby recommend payment for the above-stated amount for work performed through July 31, 2023.

Signed by: 
Paul Merchlewicz, City Engineer

8/7/2023
Date

Signed by: 
McNamara Contracting, Inc.

7/26/23
Date



Request for Council Action

SUBJECT: **Cost Participation Agreement with BFI Waste Systems for 117th Street Sanitary Sewer Design (City Project No. 2016-17)**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Brian Connolly, Public Works Director, 651.450.2571

ACTION REQUESTED

The Council is asked to approve the attached Cost Participation Agreement with BFI Waste Systems for the final design of a sanitary sewer extension as part of the 117th Street Reconstruction Project (City Project No. 2016-17).

BACKGROUND

The City and Dakota County, pursuant to a Joint Powers Agreement, are in the process of performing final design for the reconstruction of 117th Street between TH 52 and Rich Valley Blvd (County Road 71). Preliminary design of the project has been completed and the project has been authorized to proceed to final design via City Council action on February 27, 2023.

As part of the preliminary design, the City included the extension of sanitary sewer to service landfill properties owned by BFI Waste Systems and SKB Environmental, located adjacent to the 117th Street project, and within the 2040 Metropolitan Council Municipal Urban Service Area (MUSA) boundary. While the inclusion of the sanitary sewer extension preliminary design and cost estimation was requested by BFI Waste Systems and the adjacent landfill owned by another entity, at the conclusion of the preliminary design phase, both entities noted they had not determined whether it was in their best interests or feasible to connect to an extended sanitary sewer system, due to ongoing environmental regulation discussions with the Metropolitan Council related to leachate disposal and pre-treatment requirements.

Given the foregoing, and the fact that the sanitary sewer extension as proposed in the preliminary design would primarily benefit BFI and adjacent landfills owned by other entities, the City does not wish to encumber the costs for the sanitary sewer extension final design and construction without assurances that the costs for such design and construction can be recovered from the owners of the properties that will be the primary beneficiaries of any such sewer extension. Staff recommends that the City be willing to include the sanitary sewer extension as part of the final design for the 117th Street Reconstruction project only if BFI agrees to reimburse the City for certain costs and expenses related to the final design for the sanitary sewer extension.

As one of the primary beneficiaries of the proposed sanitary sewer extension, BFI is willing to pay for a portion of the costs and expenses related to the final design for the sanitary sewer extension to preserve the option for inclusion of the sanitary sewer extension as part of the construction of the

117th Street project. The attached agreement, which has been signed by BFI Waste Systems, identifies the cost reimbursement terms as well as the terms related to approving the inclusion of a sanitary sewer extension as part of the project.

FISCAL IMPACT

The agreement indicates that BFI will pay up to 77% of the final design costs for the sanitary sewer extension, or an estimated value of \$91,909.51, based on the area of the contributing sanitary sewershed owned by BFI, and benefiting for the sewer extension.

RECOMMENDATION

Staff recommends approval of the attached Cost Participation Agreement with BFI Waste Systems for the 117th Street sanitary sewer design.

ATTACHMENTS

1. Cost Participation Agreement - Sanitary Sewer Design (Republic Services)

**PRIVATE COST PARTICIPATION AGREEMENT FOR FINAL DESIGN FOR
POTENTIAL SANITARY SEWER EXTENSION**

This **PRIVATE COST PARTICIPATION AGREEMENT FOR FINAL DESIGN FOR POTENTIAL SANITARY SEWER EXTENSION** (“Agreement”) is made and entered into this 14th day of August 2023, by and between the City of Inver Grove Heights, a Minnesota municipal corporation (“City”) and BFI Waste Systems of North America, LLC (“BFI”), a Delaware limited liability company.

Based on the recitals, representations, covenants and agreements hereafter contained, the parties agree as follows:

ARTICLE 1
RECITALS

Recital No. 1. BFI owns real property containing a landfill located adjacent to a segment of 117th Street in the City of Inver Grove Heights (Parcel ID No. 20-57575-01-010) (the “Property”)

Recital No. 2. The City and Dakota County, pursuant to a Joint Power Agreement, are in the process of reconstructing a portion of 117th Street (the “Project”) which includes the area of 117th Street located adjacent to the BFI landfill property.

Recital No. 3. Preliminary design of the Project has been completed and the Project has been authorized to proceed final design via City Council action on February 27, 2023.

Recital No. 4. The City included the extension of sanitary sewer (the “Sanitary Sewer Extension”) to service the referenced BFI parcel as part of the preliminary design process due to requests from adjacent property owners, and the inclusion of the BFI parcel within the Metropolitan Council’s Municipal Urban Services Area (MUSA) boundary for 2040.

Recital No. 5. BFI has not determined whether it is in its best interests or feasible to connect to the Sanitary Sewer System but would like to maintain the option to do so in the future.

Recital No. 6. Given the foregoing, and the fact that the Sanitary Sewer Extension as proposed would primarily benefit BFI and adjacent landfills owned by other entities, the City does not wish to encumber the costs for the Sanitary Sewer Extension final design and construction without assurances that the costs for such design and construction can be recovered from the owners of the properties that will be the primary beneficiaries of any such sewer extension.

Recital No. 7. The City is willing to include the Sanitary Sewer Extension as part of the final design for the Project if BFI agrees to reimburse the City for certain costs and expenses related to the final design for the Sanitary Sewer Extension.

Recital No. 5. As one of the primary beneficiaries of the proposed Sanitary Sewer Extension, BFI is willing to pay for a portion of the costs and expenses related to the final design

for the Sanitary Sewer Extension to preserve the option for inclusion of the Sanitary Sewer Extension as part of the construction of the Project, or for construction as a separate Project constructed simultaneously with the Project.

ARTICLE 2

AGREEMENT TERMS

2.1 Inclusion of Sanitary Sewer Extension Design in Final Project Design. City agrees to include, within the final design for the Project, design of the Sanitary Sewer Extension, provided that BFI executes this Agreement on or before August 14, 2023.

2.2 BFI Cost Participation. BFI acknowledges and agrees that its Property is one of the primary beneficiaries of the proposed Sanitary Sewer Extension. As such, BFI agrees to pay for its prorated share of the Sanitary Sewer Final Design Costs. “Sanitary Sewer Final Design Costs” or “Final Design Costs” means all of the costs related to the final design of the Sanitary Sewer Extension, including, but not limited to, the actual cost for design of the Sanitary Sewer Extension, including plans and specifications, costs of consulting engineers, and all other costs associated with administration, engineering, and legal relating to the Final Design of the Sanitary Sewer Extension.

2.3 Allocation of Final Design Costs. Sanitary Sewer Final Design Costs are anticipated to cost approximately \$119,363 (“Anticipated Final Design Costs”). Based on the acreage of the BFI and SKB landfill properties, BFI agrees to pay for seventy-seven percent (77%) of the Sanitary Sewer Final Design Costs, which is anticipated to be \$91,909.51. BFI understands that the actual Sanitary Sewer Final Design Costs may exceed the anticipated Final Design Costs and agrees to pay for the actual Sanitary Sewer Final Design Costs provided, however, that the City will not incur Final Design Costs that are materially in excess of the Anticipated Final Design Costs without conferring in advance with BFI.

2.4 Determination of Construction of Sanitary Sewer Extension. Following the final design of the Sanitary Sewer Extension the City and Dakota County intend to solicit bids for the Project. The City reserves the right, in its sole discretion, to include the Sanitary Sewer Extension with the Project, or as a separate Project. If the City chooses to proceed with the construction of the Sanitary Sewer Extension, the City may request the primary benefiting properties enter into a formal assessment waiver agreement prior to proceeding with the work, but this Agreement does not require BFI to enter into any such assessment waiver agreement.

2.5 Payment of Required Cost Participation. In the event that the Sanitary Sewer Extension does not get bid the with Project as noted in Article 2.4, the Parties agree that the City will send a written invoice to BFI for its share of the Final Design Costs, and BFI shall, within thirty (30) days of receipt of the written invoice, pay the City for the amount of the invoice. If the Sanitary Sewer Extension is included in the bid and proceeds to construction, the costs for the design of the Sanitary Sewer Extension will be included in the final assessment costs for the Sanitary Sewer Extension associated with the Project. This Agreement does not affect or waive any rights BFI may have to object to or dispute any such assessments.

ARTICLE 3 **REMEDIES**

3.1. Remedies. If BFI fails to perform its obligations under this Agreement, then the City may avail itself of any remedy afforded by law or in equity and any of the following non-exclusive remedies:

If BFI fails to make payments, then the City may certify to Dakota County the amounts due as payable with the real estate taxes for the BFI Property in the next calendar year; such certifications may be made under Minnesota Statutes, Chapter 444 in a manner similar to certifications for unpaid utility bills. BFI reserves and does not waive any rights to challenge whether any assessed charges are properly payable under this Agreement, but hereby waives any other procedural and substantive objections to the imposition of such charges on the BFI Property.

No remedy herein conferred upon or reserved to the City shall be exclusive of any other available remedy or remedies, but each and every such remedy shall be cumulative and shall be in addition to every other remedy given under this Agreement or now or hereafter existing at law or in equity or by statute. No delay or omission to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver thereof, but any such right and power may be exercised from time to time and as often as may be deemed expedient.

ARTICLE 4 **MISCELLANEOUS**

4.1 No Third Party Recourse. Third parties shall have no recourse against the City under this Agreement.

4.2 Amendment And Waiver. The parties hereto may by mutual written agreement amend this Agreement in any respect. Any party hereto may extend the time for the performance of any of the obligations of another, waive any inaccuracies in representations by another contained in this Agreement or in any document delivered pursuant hereto which inaccuracies would otherwise constitute a breach of this Agreement, waive compliance by another with any of the covenants contained in this Agreement and performance of any obligations by the other or waive the fulfillment of any condition that is precedent to the performance by the party so waiving of any of its obligations under this Agreement. Any agreement on the part of any party for any such amendment, extension or waiver must be in writing. No waiver of any of the provisions of this Agreement shall be deemed, or shall constitute, a waiver of any other provisions, whether or not similar, nor shall any waiver constitute a continuing waiver.

4.3 Governing Law. This Agreement shall be governed by and construed in accord with the laws of the State of Minnesota.

4.4 Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

4.5 Headings. The subject headings of the sections in this Agreement are included for purposes of convenience only and shall not affect the construction or interpretation of any of its provisions. The Recitals above are incorporated into the terms of the Agreement.

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IN WITNESS WHEREOF, the parties have executed this Agreement the year and day first set forth above.

CITY:
CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

ATTEST:

Rebecca Kiernan, City Clerk

(CITY SEAL)

STATE OF MINNESOTA)
) ss.
COUNTY OF DAKOTA)

On this _____ day of _____, 2023, before me a Notary Public within and for said County, personally appeared Brenda Dietrich and Rebecca Kiernan, to me personally known, who being each by me duly sworn, each did say that they are respectively the Mayor and City Clerk of the City of Inver Grove Heights, the municipality named in the foregoing instrument, and that the seal affixed to said instrument was signed and sealed on behalf of said municipality by authority of its City Council and said Mayor and City Clerk acknowledged said instrument to be the free act and deed of said municipality.

Notary Public

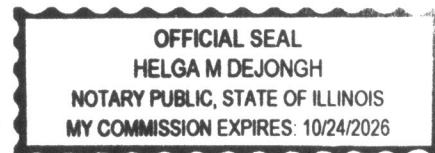
BFI:
BFI WASTE SYSTEMS OF NORTH AMERICA, LLC

By: [Signature]
Its: Vice President

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

On this 28th day of July, 2023 before me a Notary Public within and for said County, personally appeared MATT HEALY, to me personally known, who being by me duly sworn, did say that he is the Vice President of BFI Waste Systems of North America, LLC, a Delaware limited liability company, and that the foregoing instrument was executed for and on behalf of BFI Waste Systems of North America, LLC by authority of the Board of Directors of said limited liability company, intending this Agreement to be a legally binding obligation of BFI Waste Systems of North America, LLC.

[Signature]
Notary Public





Request for Council Action

SUBJECT: **Resolution Electing to Confirm Statutory Tort Limits for Liability Insurance Purposes**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Sam Hosszu, Assistant Finance Director, 651.450.2516

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, electing not to waive the statutory tort limits for insurance purposes.

BACKGROUND

Minnesota Statute 466.04 currently sets the maximum municipal tort liability limits at \$500,000 per claimant and \$1,500,000 per occurrence. These limits apply whether the claim is against the City or an individual employee.

Although this limit is rather comprehensive, it does not cover all claims against the City. For claims not covered by the statute, the City's insurance coverage provides a standard limit of \$2,000,000 per occurrence.

The City procures its liability insurance from the League of Minnesota Cities Insurance Trust (LMCIT). LMCIT requires city councils to make an annual election to waive or not waive statutory tort limits. Historically, the City has elected not to waive the statutory tort limit.

FISCAL IMPACT

If the City chooses to waive the statutory limits, the statutory protection of \$500,000 would not apply. Instead, the LMCIT standard limit of \$2,000,000 would apply. Because the waiver increases an individual city's exposure, the premium will be higher for those cities electing to waive the tort limits.

If the City elects NOT to waive the statutory limits, exposure will be limited by the statute to no more than \$500,000 per claimant and \$1.5 million per occurrence. LMCIT's higher coverage limits would only apply to those types of claims that aren't covered by the statutory limit.

RECOMMENDATION

Staff recommends adoption of the attached Resolution, electing not to waive the statutory tort limit.

ATTACHMENTS

1. Tort Limit Resolution

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION MAKING AN ELECTION NOT TO WAIVE THE STATUTORY TORT
LIMITS FOR LIABILITY INSURANCE PURPOSES**

WHEREAS, Minnesota Statutes Chapter 466 addresses tort liability for cities; and

WHEREAS, Minnesota Statutes 466.04 currently sets the maximum liability limits for cities at \$500,000 per claimant and \$1,500,000 per occurrence; and

WHEREAS, the City procures its insurance from the League of Minnesota Cities Insurance Trust (LMCIT); and

WHEREAS, LMCIT allows the City an option to waive those limits; and

WHEREAS, LMCIT has asked the City to make the election annually with regards to waiving or not waiving its tort liability established by Minnesota Statutes 466.04.

NOW, THEREFORE BE IT RESOLVED, BY THE CITY OF INVER GROVE HEIGHTS does hereby elect not to waive the statutory tort limits established by Minnesota Statutes 466.04.

Adopted by the City of Inver Grove Heights this 14th day of August 2023.

Ayes:

Nays:

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



Request for Council Action

SUBJECT: **Resolution Accepting \$2,000 in Donations for Fire & Police Departments**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Rebecca Kiernan, City Clerk, 651.450.2513

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, accepting \$2,000 in donations to the Police and Fire Departments.

BACKGROUND

In August, the City received two checks from an Inver Grove Heights resident who wishes to remain anonymous. Each check was in the amount of \$1,000, with one made out to the Police Department and one to the Fire Department.

The donor expressed gratitude to the fire and police departments for their service to the community and placed no restrictions on how the funds were to be used. The Fire Department wishes to save these funds for a future purchase of a Utility Terrain Vehicle (UTV), that would allow firefighters and equipment to better reach some of the more heavily wooded areas of the community. The Police Department would like the funds put towards 2023 community engagement efforts.

Both the Fire Department and Police Department would also like to convey their appreciation for this generous donation.

FISCAL IMPACT

Acceptance of this donation will provide \$2,000 in financial resources for public safety purchases and programming.

RECOMMENDATION

Staff recommends adoption of the attached Resolution, accepting the donations.

ATTACHMENTS

1. Resolution Accepting Donation

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION ACCEPTING \$2,000 IN DONATIONS
FOR THE FIRE & POLICE DEPARTMENTS**

WHEREAS, the City Council of the City of Inver Grove Heights (City), is generally authorized to accept donations of real and personal property pursuant to Minnesota Statutes, Section 465.03, for the benefit of its citizens and is specifically authorized to accept gifts; and

WHEREAS, an anonymous donor would like to donate \$1,000 to the Fire Department and \$1,000 to the Police Department and has placed no restrictions on how the funds are spent; and

WHEREAS, the Fire Department has requested their \$1,000 donation be set aside for a future UTV purchase and the Police Department has requested their \$1,000 donation be added to their 2023 budget for community engagement efforts; and

WHEREAS, the City is appreciative of the donation and finds that it is appropriate to accept.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, MINNESOTA, that the City does hereby accept the donation of funds in the amount of \$2,000 and commit the funds as follows: \$1,000 towards a future UTV purchase for the Fire Department and \$1,000 added to the Police Department's 2023 budget for Community Outreach (101.42.4000.421.60068).

Adopted this 14th day of August, 2023, by the City Council of Inver Grove Heights, MN.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



Request for Council Action

SUBJECT: **Resolution Amending 2023 Fee Schedule**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Katie Malott, Deputy City Clerk, 651.450.2470

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, amending the 2023 Fee Schedule.

BACKGROUND

The City's 2023 Fee Schedule was originally adopted on December 12, 2022. At this time, Council is asked to adopt an amended fee schedule that includes fees for obtaining a tobacco retail license. This coincides with the third reading of the tobacco licensing ordinance, transitioning responsibility from Dakota County to the City of Inver Grove Heights.

The items added are highlighted in yellow on page 7 of the attached 2023 Fee Schedule.

FISCAL IMPACT

The added fee revenue has been discussed in the presentations of the tobacco ordinance.

RECOMMENDATION

Staff recommends adoption of the attached Resolution, amending the 2023 Fee Schedule.

ATTACHMENTS

1. Resolution to Adopt Amended 2023 Fee Schedule
2. Amended Fee Schedule (Adding Tobacco License 2023.8.14)

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION ESTABLISHING REVISED 2023 LICENSE, PERMIT AND
ADMINISTRATIVE FEE SCHEDULE**

WHEREAS, The Inver Grove Heights City Council recognizes the need to review the fees charged by the City for licenses, administrative services and permits on an annual basis, and

WHEREAS, staff has requested to add the tobacco license and background investigation fees. The licensing period is from January 1st until December 31st,

WHEREAS, any changes to these fees shall be set by resolution by the City Council of the City of Inver Grove Heights City Code;

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Inver Grove Heights, Minnesota, approves the attached 2023 Revised Fee Schedule. Said schedule shall be effective August 14th, 2023.

Adopted by the City Council of Inver Grove Heights this 14th day of August 2023.

Ayes: _____

Nays: _____

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



City of Inver Grove Heights 2023 Fee Schedule



8150 Barbara Ave. ▪ Inver Grove Heights, MN 55077-3412
Telephone: 651-450-2500 ▪ Fax: 651-450-2502

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Pool Rental	15
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Administration			
Item Description	Code Section	License Period (if applicable)	2023 Fees
General fees for services			
			Black & White = \$0.25 per page Color = \$0.50 per page (2-sided copy = 2x fee) >100 pages = Staff Time + Copies
Copies (11 x 17 or less)			\$5 per page
Copies (Greater than 11 x 17)			
Returned check, ACH, credit, or debit card charge			\$30
Notary fee			\$5 per occurrence
Property assessment search			\$25
City code book			\$200
Mapping and GIS fees			
Letter (8.5" x 11")			\$5 + Shipping/Handling
Tabloid (11" x 17")			\$10 + Shipping/Handling
C-size (18" x 24")			\$15 + Shipping/Handling
D-size (24" x 36")			\$20 + Shipping/Handling
E-size (36" x 48")			\$25 + Shipping/Handling
Mailed in envelope (large maps folded):			
Letter or Tabloid			\$2 + Shipping/Handling
C (18" x 24") or D (24" x 36") size			\$3 + Shipping/Handling
E-size (36" x 48")			\$4 + Shipping/Handling
Mailed in Tube:			
Letter or Tabloid			\$3 + Shipping/Handling
C-size (18" x 24")			\$4 + Shipping/Handling
D-size (24" x 36")			\$5 + Shipping/Handling
E-size (36" x 48")			\$46 + Shipping/Handling
Other Methods:			
CD mailed			\$2 + Shipping/Handling
Custom map production using existing data			Subject to an hourly fee of \$50, half hour minimum, in addition to size-based map fee
Custom map production with data development			Subject to an hourly fee of \$100, half hour minimum, in addition to size-based map fee
Electronic data			Cost provided per request
Vector: shapefile or CAD			Varies
Raster: IMG, TF, SID			Varies
Graphic Files: JPG, PDF, TIF, AVI			Varies
GIS data or graphic files			Varies
Delivery on CD			\$10
Delivery by email			\$5

Business Licenses			
Item Description	Code Section	License Period (if applicable)	2023 Fees
Body art and tattoo parlor license			
Initial business license	4-9-1	May 1st	\$100
Initial business background investigation plus 1 artist	4-9-1		\$500
Additional artist background investigation	4-9-1		\$175
Renewal background investigation	4-9-1		\$75
Contractor license			
License	4-6-2	1 year	\$100
Gambling premises permit			
Permit	4-7-8		No charge
Initial business background investigation	4-7-8		\$250
Kennel license			
Commercial kennel	5-4-9	Every 2 years on Feb 28th	\$500
Non-commercial kennel	5-4-9	Every 2 years on Feb 28th	\$100
Urban chicken-keeping license			
License	5-4-2	Every 2 years on Feb 28th	\$25
Goat Grazing Permit			
Permit	5-4-15	30 days, twice each calendar year	\$50
Motor vehicle sales license			
Class A	4-5A-5	May 1st	\$300
Class B	4-5A-5	May 1st	\$100
Initial business background investigation			\$500
Renewal business background investigations			\$125
Peddler permit			
Permit	4-11-4	One Year From Date Issued	\$80
Background Investigation			\$100
Solicitor registration			
Registration	4-11-4 4-11-5	One Year From Date Issued	No charge
Therapeutic massage business license			
Business license (Includes 1 therapist)	4-8A-3	May 1st	\$200
Initial business background investigation (Includes 1 therapist)	4-8A-4		\$500
Renewal business background investigation			\$75
Therapeutic massage therapist license			
Initial license - each additional therapist			\$175
Renewal of license - each additional therapist	4-8-1H	May 1st	\$55
Therapist background investigation	4-8-1H		\$75
Trash hauling license			
Garbage collection	8-6-2	May 1st	\$200 or \$250 Dependent on offered services
Vehicle junkyard license			
License	4-5C-4	Annual	\$1,000
Pawnbroker license			
License	4-2-5	May 1st	\$8,000
Reseller transaction fee	4-2-10	N/A	\$2
Pawnbroker background investigation			
Initial background investigation for business plus 1 partner	4-1-9		\$500
Initial background investigation for each additional partner	4-1-9		\$175
Renewal background investigations			\$75 per business & each partner

Business Licenses (continued) Item Description	Code Section	License Period (if applicable)	2023 Fees
Liquor license			
3.2 Liquor			
On-sale	4-1-9	January 1st	\$350
Off-sale	4-1-9	January 1st	\$100
Temporary on sale	4-1-9	Not to exceed 7 days	\$30
On-Sale (includes brew pub) - based on gross annual sales:			
\$0-\$250,000	4-1-9	January 1st	\$3,500
\$250,001 - \$500,000	4-1-9	January 1st	\$4,500
\$500,001 - \$1,000,000	4-1-9	January 1st	\$7,000
\$1,000,001 and above	4-1-9	January 1st	\$10,000
Sunday on-sale (brew pub)	4-1-9	January 1st	\$200
Sunday on-sale	4-1-9	January 1st	\$200
On-sale wine	4-1-9	January 1st	\$650
Special club on-sale	4-1-9	January 1st	\$225
Temporary on-sale	4-1-9	Not to exceed 4 days	\$30
Culinary class limited on-sale	4-1-9	January 1st	\$100
Off-sale	4-1-9	January 1st	\$200
Temporary off-sale wine	4-1-9	Not to exceed 3 days	\$25
Off-sale small brewer	4-1-9	January 1st	\$200
On-sale brew pub taproom with no intoxicating on-sale license	4-1-9	January 1st	\$500
One-day consumption and display permit	4-1-9	1 day	\$30
Consumption and display permit	4-1-9	April 1st	\$250
Liquor license background investigation			
Initial background investigation for business plus 1 partner	4-1-9		\$500
Initial background investigation for each additional partner	4-1-9		\$175
Renewal background investigation - includes compliance checks		January 1st	\$125 per business
Change of ownership, officers or operating/general manager		January 1st	\$250 per person
Tobacco License			
License (initial & renewal)		January 1st	\$300
Initial background investigation for business plus 1 partner	4-1-9		\$500
Initial background investigation for each additional partner	4-1-9		\$175
Renewal background investigation - includes compliance checks		January 1st	\$125 per business
Change of ownership, officers or operating/general manager		January 1st	\$250 per person
Rental license			
Single-family, condominium unit, townhome unit	4-13-3	2 year	\$50
Duplex, triplex, fourplex, apartment buildings	4-13-3	2 year	\$150 per building + \$15 per unit
Background investigation	4-13-3	2 year	\$25 per license
Large assembly permit			
Initial application	4-14-1		Rates increase based on city services for the event, up to \$5,000

- Large Assemblies require use of Police services. See Police section of fee schedules for hourly rates.

Police Department			
Item Description	Code Section	License Period	2023 Fees
General fees for services			
Records check for foster care or day care			\$20 per adult
Records check clearance letter (i.e. adoption, passport, etc.)			\$32
All other police reports, data, or accident reports (printed)			\$0.25 per page
• No charge to victim of domestic assault. Requests of 100 or more pages will be based on the actual cost of retrieving the data.			
Police officer and squad car off-duty charge (within city limits)			\$72 per hour
Police officer and squad car off-duty (outside city limits, with signed contract)			\$77.25 per hour
Audio/video/photographs			
Body worn camera			\$25 per clip or video
Squad camera			\$25 per clip or video
Audio, video, or photographs			\$25 per CD or DVD
Excessive Consumption of City Services			
Excess code inspections (4 or more)	4-15-1		\$250
Excess police and/or nuisance calls	4-15-1		\$250
Volunteer Surrender of Firearm by Civil Order			
Intake fee	MN Stat. 518B.01		\$50
Storage of firearm	MN Stat. 518B.01		\$0.50 per day
Firearm release	MN Stat. 518B.01		\$50
Abandoned firearm	MN Stat. 518B.01		Revenue minus costs
• Proceeds of sale, less actual disposal fees, returned to owner. If owner cannot be contacted remainder goes into the General Fund			
Animal Control			
Pound redemption fees			\$35
• Pet owner may be charged additional fees by the animal hospital that is contracted by the City of Inver Grove Heights prior to release to pet owner.			
Dog found unvaccinated	5-4-3		Misdemeanor
Dangerous dog yard sign (required)	5-4-6		\$8
Dangerous dog tag (required)	5-4-6		\$2 per dog
Appeal fees for dangerous & potentially dangerous dog declarations	5-4-6		\$300 - If designation is upheld, the fee shall be the actual expenses of the hearing, not to exceed \$1,000
False Alarm Response Fees			
1st false alarm: Letter sent to home/business owner	5-3-4		Warning
2nd false alarm: Letter sent to home/business owner	5-3-4		Warning
3rd false alarm	5-3-4		\$100
4th false alarm	5-3-4		\$200
5th false alarm	5-3-4		\$300

Fire Permits

Item Description	Code Section	License Period (if applicable)	2023 Fees
Fire permits			
Recreational fire	9-2-3		\$15 per fire
Permanent recreational fire ring	9-2-3		\$25
Disposal permit for trees, brush, grass and other vegetative matter for the development and maintenance of land and rights-of-way	7-3-7-3 7-3-7-5B		\$0.50 per cubic yard \$100 minimum
Open burning permit as defined by Minnesota rules related to open burning	9-2-3		\$25
Fire code operational permits	9-2-1		\$25 per permit Up to four permits per occupant within a business premise
Ventilation system cleaning permit			
Permit	Section 9-2-3		\$75

- See fire code permits under Building section

Building, Construction, Engineering, & Plan Review

Item Description	Code Section	License Period (if applicable)	2023 Fees
Building permit valuation		Fee range	
< \$1,000.00	55.		\$55
\$1,001 - \$2,000	55.		plus \$2.25 / \$100 valuation* > \$1,000;
\$2,001 - \$25,000	77.5		Plus \$14.75 / \$1,000 valuation* > \$2,000;
\$25,001 - \$50,000	416.		plus \$10.75 / \$1,000 valuation* > \$25,000;
\$50,001 - \$100,000	685.		plus \$7.50 / \$1,000 valuation* > \$50,000;
\$100,001 - \$500,000	1,060		plus \$6.00 / \$1,000 valuation* > \$100,000;
\$500,001 - \$1,000,000	3,460.		plus \$5.00 / \$1,000 valuation* > \$500,000;
> \$1,000,001	5,960.		plus \$4.00 / \$1,000 valuation* > \$1,000,000 or fractional thereof.
Inspection fees			
Inspections when no permit is issued	3-4-2-1		\$105
Investigation, stop work, or working without permits			Fee equal to permit value
Inspections outside of normal business hours when approved by the director	3-4-2-1		\$150 per hour
Excess code inspections - 4 or more	4-15-1		\$250
Building permits			
Plan review	3-4-2-1		65% of the building permit fee when determined by valuation
Accessory structure, garage, pole building, or shed	3-4-2-1		Based on valuation + plan review + state surcharge
Residential alteration or remodel	3-4-2-1		Based on valuation + plan review + state surcharge
Commercial alteration or remodel	3-4-2-1		Based on valuation + plan review + state surcharge
Alteration or remodel (multi-family)	3-4-2-1		Based on valuation + plan review + state surcharge
Basement finish	3-4-2-1		Based on valuation + plan review + state surcharge
Certificate of occupancy agreement	3-4-2-1		\$100
Cell tower	3-4-2-1		Based on valuation + plan review + state surcharge
Commercial building	3-4-2-1		Based on valuation + plan review + state surcharge
Decks	3-4-2-1		Based on valuation + plan review + state surcharge
Multi-family - 3 or more units	3-4-2-1		Based on valuation + plan review + state surcharge
Moving of buildings	3-4-2-1		\$300
Porch-3 season, 4 season, or screened	3-4-2-1		Based on valuation + plan review + state surcharge
Retaining wall less than 4 feet	3-4-2-1		Based on valuation + plan review + state surcharge
Retaining wall 4 feet or greater	3-4-2-1		Based on valuation + plan review + state surcharge
Roofing commercial	3-4-2-1		Based on valuation + plan review + state surcharge
Roofing multi-family - 3 or more units	3-4-2-1		Based on valuation + plan review + state surcharge
Roofing single-family or duplex residential	3-4-2-1		\$115 Permit fee + state surcharge
SAC fee (sanitary sewer availability)	3-4-2-1		\$2,485
Single-family or duplex residential home	3-4-2-1		Based on valuation + plan review + state surcharge
Siding commercial	3-4-2-1		Based on valuation + plan review + state surcharge
Siding multi-family - 3 or more units	3-4-2-1		Based on valuation + plan review + state surcharge
Siding single-family or duplex residential	3-4-2-1		\$120

Building Permits (continued) Item Description	Code Section	License Period (if applicable)	2023 Fees
Solar array rooftop	3-4-2-1		Based on valuation + plan review + state surcharge
Solar array ground mount	3-4-2-1		Based on valuation + plan review + state surcharge
Window and/or door (egress or change in size)	3-4-2-1		Based on valuation + plan review + state surcharge
Window and/or door replacement (no change in size)	3-4-2-1		Based on valuation + plan review + state surcharge
Demolition permit			
Demolition of accessory structures or pool	3-4-2-1		\$120
Demolition of commercial	3-4-2-1		\$120
Demolition of single-family	3-4-2-1		\$120
Demolition of manufactured home	3-4-2-1		\$120
Demolition of septic	3-4-2-1		\$120
Driveway permit			
Driveway - replacement, construction, or expansion	10-15-20.1		\$25
Fence permit			
Fence	3-4-2-1		\$50
Commercial or multi-family plan review	3-4-2-1		65% of 2% valuation
Right of way management			
Right-of-way excavation permit- in roadway	7-2-1		\$200
<i>Surety required to ensure that the street is properly restored.</i>	7-2-3		\$5,000 Bond
Right-of-way utility permit - spot or linear installation	7-3-7		\$200 per 1,000 feet of utility installation; minimum \$200
<i>Surety required to ensure that the right-of-way is properly restored</i>	7-3-7-2	Annual	\$10,000 Bond per contractor Can be applied to multiple permits
Right-of-way obstruction permit - shoulder, lane, or sidewalk/trail closure	7-3-7		\$200
Overweight load permit	6-1-6		\$75 per load
<i>Surety may be required to ensure restoration of any road damage due to overweight loads</i>	6-1-6		Varies dependent on road rating, load weight, and quantity of loads. \$5,000 Bond when required
Fire code permit			
Automatic fire sprinkler system	3-4-2-1		Based on valuation + plan review + state surcharge
Fire alarm and detection systems and related equipment	3-4-2-1		Based on valuation + plan review + state surcharge
Automatic fire extinguishing systems	3-4-2-1		Based on valuation + plan review + state surcharge
Smoke control and exhaust systems	3-4-2-1		Based on valuation + plan review + state surcharge
Spraying or dipping tank, room or booth	3-4-2-1		Based on valuation + plan review + state surcharge
Other construction permits required by section 105.7 fire code	3-4-2-1		Based on valuation + plan review + state surcharge
Manufactured home permits			
New manufactured home installation	3-4-2-1		Based on valuation + plan review + state surcharge

Building Permits (continued)		License Period	
Item Description	Code Section	(if applicable)	2023 Fees
Mechanical permit			
Air conditioner and/or furnace	3-4-2-1		\$94
Chimney	3-4-2-1		\$94
Ductwork and ventilation	3-4-2-1		\$94
Fireplace and gas appliances	3-4-2-1		\$94
Gas piping and air test	3-4-2-1		\$94
In-floor heating	3-4-2-1		\$94
Single-family new construction residential	3-4-2-1		\$125
Commercial and multi-family	3-4-2-1		\$94 Base Fee + 2% of valuation + State Surcharge
Commercial and multi-family plan review	3-4-2-1		65% of 2% valuation
On-site septic systems permit (includes site review)			
Single-family - new or replacement of existing	3-4-2-1		\$469 If new add \$1.00 state surcharge
Commercial systems less than 4,999 gallons per day	3-4-2-1		\$729 If new add \$1.00 state surcharge
Commercial systems more than 5,000 gallons per day	3-4-2-1		\$1499 If new add \$1.00 state surcharge
Tank replacement	3-4-2-1		\$260
Septic operator's permit	3-4-2-1	3 years	\$35
Plumbing permit			
Single-family residential	3-4-2-1		\$94 Base fee + \$4 for each fixture
Commercial or multi-family	3-4-2-1		\$94 Base fee + 2% of contracted work value in dollars
Plumbing installation or replacement of single fixture	3-4-2-1		\$94
PVB - Residential Lawn Irrigation	3-4-2-1		\$94
RPZ - Commercial or multi-family lawn irrigation	3-4-2-1		\$94
Sewer & water connection residential	3-4-2-1		\$139
Sewer & water connection commercial or multi-family	3-4-2-1		\$94 Base Fee + 2% of contracted work value in dollars
Water heater replacement	3-4-2-1		\$74
Water softener replacement	3-4-2-1		\$74
Commercial and multi-family plan review	3-4-2-1		65% of 2% valuation
Pool permit			
Above-ground swimming pools (includes fence)	3-4-2-1		Based on valuation + plan review + state surcharge
In-ground swimming pools	3-4-2-1		Based on valuation + plan review + state surcharge
Sign and billboard permit			
Permanent business signs regardless of size	3-4-2-1		\$50
Billboards up to 100 square feet in area	3-4-2-1		\$200
Billboards over 100 sq ft	3-4-2-1		\$300
Temporary portable signs	3-4-2-1		\$15
Monument/pylon signs	3-4-2-1		Based on valuation + plan review + state surcharge
Utility connection fees			
Utilities - water core connection	3-4-2-2		See ordinance for fee structure
Utilities - sewer core connection	3-4-2-2		See ordinance for fee structure
Utilities - sewer connection	3-4-2-2		See ordinance for fee structure
Utilities - water connection unit	3-4-2-2		See ordinance for fee structure
Utilities - water treatment plant	3-4-2-2		See ordinance for fee structure
Utilities - Eagan utility	3-4-2-2		See ordinance for fee structure
Utilities - B-line connection charge	3-4-2-2		See ordinance for fee structure

Building Permits (continued) Item Description	Code Section	License Period (if applicable)	2023 Fees
Hydrant meters			
Hydrant, meter, or valve damage deposit	8-2-13	Annual	\$1,500
Daily hydrant or meter rental	8-2-13		\$2/Day + Cost of Water Used Minimum \$75
Water meter fees			
3/4" Mag/Iperl meter	3-4-2-2		\$207
3/4" Mag/Iperl meter tax	3-4-2-2		\$15
1" Mag/Iperl meter	3-4-2-2		\$320
1" Mag/Iperl meter tax	3-4-2-2		\$23
1 1/2" Compound/Omni meter	3-4-2-2		\$1,950
1 1/2" Compound/Omni meter tax	3-4-2-2		\$139
1 1/2" Turbine/Omni meter	3-4-2-2		\$1,325
1 1/2" Turbine/Omni meter tax	3-4-2-2		\$95
2" Turbine/Omni meter	3-4-2-2		\$1,588
2" Turbine/Omni meter tax	3-4-2-2		\$113
2" Compound/Omni meter	3-4-2-2		\$2,238
2" Compound/Omni meter tax	3-4-2-2		\$159
3" Turbine/Omni meter	3-4-2-2		\$1,963
3" Turbine/Omni meter tax	3-4-2-2		\$140
3" Compound/Omni meter	3-4-2-2		\$2,850
3" Compound/Omni meter tax	3-4-2-2		\$203
4" Turbine/Omni meter	3-4-2-2		\$3,840
4" Turbine/Omni meter tax	3-4-2-2		\$274
4" Compound/Omni meter	3-4-2-2		\$4,950
4" Compound/Omni meter tax	3-4-2-2		\$353
Single port radio head	3-4-2-2		\$225
Single port radio head tax	3-4-2-2		\$16
Dual port radio head	3-4-2-2		\$275
Dual port radio head tax	3-4-2-2		\$20
Meter testing			
5/8" meter	8-2-9.F		\$140
3/4 " meter	8-2-9.F		\$140
1" meter	8-2-9.F		\$140
1.5" meter	8-2-9.F		\$175
2" meter	8-2-9.F		\$175
Compound meter	8-2-9.F		\$400
Water shut-offs and turn-ons	8-2-11		\$25 per occurrence
Zoning and regulations			
Nuisance abatement for mowing			\$70 per hour
Comprehensive guide plan			\$100
Construction plan sheet (22"x34")			\$20
Zoning & related land use regulations			\$75
Subdivision code			\$25
Zoning letter			\$100
Sewage tank maintenance permit (commercial and residential operating permit)			\$35

Building Permits (continued) Item Description	Code Section	License Period (if applicable)	2023 Fees
Land alteration permit			
Shoreland impact zones: 10 to 499 cubic yards (steep slopes)	10-13B-10		With building permit: no fee If no other permit: \$250
Shoreland impact zones: 50 to 499 cubic yards	10-13B-10		With building permit: no fee If no other permit: \$250
0 to 499 cubic yards	9-4-1-7		No fee, no permit required
500 up to 999 cubic yards	9-4-1-2 9-4-1-7 10-13J-5		\$400
1,000 up to 10,000 cubic yards	9-4-1-2 9-4-1-7 10-13J-5		\$900
10,000 up to 99,999 cubic yards	9-4-1-2 9-4-1-7 10-13J-5		\$5,000
100,000 cubic yards or more	9-4-1-2 9-4-1-7 10-13J-5		\$10,000
<i>All land alteration permits over 500 cubic yards require a cash escrow or letter of credit surety, based on the area disturbed, to guarantee final restoration</i>	9-4-1-6.E		\$5,000 per acre Minimum \$10,000
Renewal (extension) permit	9-4-1-9	Annual	\$100
Small wireless facility row permit			
Up to five (5) small wireless facilities	7-3-7-3		\$500
Additional small wireless facility	7-3-7-3		\$100 Maximum of ten additional per application.
Small wireless facility annual rental	7-3-7-5	Annual	\$175 per wireless support structure
<i>Permit surety escrow fee paid by tenant prior to approval of row permit</i>	7-3-7-4		\$2,500
Small wireless facility electrical fee			
A. Per radio node less than or equal to 100 maximum watts	7-3-7-5	Annual	\$876
B. Per radio node over 100 maximum watts	7-3-7-5	Annual	\$2,184
C. Per radio node if the actual costs exceed the amount in item A. or B. above	7-3-7-5	Annual	Actual Cost
D. As agreed to by tenant and the city	7-3-7-5	Annual	Actual Cost

Parks and Recreation			
Park Usage	Frequency	2023 Resident Fee	2023 Non Resident
Park rental			
Park shelters			
*excluding Swing Bridge Park	5 hour block	\$70	\$90 + \$50 damage deposit
Swing Bridge Park shelter	5 hour block	\$110	\$110 + \$50 damage deposit
Additional trash barrels/picnic tables	Per day	\$52	\$62
Add portable restroom to rental	Per day	\$85	\$95
Add portable restroom cleaning	Per unit	\$65	\$75
Add ADA portable restroom cleaning	Per unit	\$135	\$145
Neighborhood park or school athletic field	Per use	\$42	\$52
Outdoor ice rink			
Outdoor ice rink	Per hour	\$30	\$30
Outdoor ice rink w/ attendant	Per hour	\$40	\$40
Outdoor rink lights	Per hour	\$42	\$42
Skyview soccer fields			
Youth	Per game/practice	\$90	\$110
Adult	Per game/practice	\$105	\$125
Rich Valley Athletic Complex			
Baseball field			
Youth	Per game/practice	\$90/\$75	\$115/\$85
Adult	Per game/practice	\$105	\$125
Softball field			
All Ages	Per game/practice	\$70	\$90
Soccer field			
Youth	Per game/practice	\$90	\$110
Adult	Per game/practice	\$105	\$125
1/2 Field	Per game/practice	\$60	\$70
Inver Grove Heights Youth Athletic Association			
User fee	Per player	\$15	\$22
Tournaments			
IGH association	Per field/per day	\$110	\$110
Youth baseball	Per game	\$100	\$125
Adult baseball	Per game	\$110	\$130
Youth softball	Per game	\$75	\$95
Adult softball	Per game	\$95	\$115
Cancellation fee	Full reservation	15%	15% Two week notification required
Tournament/game vendor			
Single day	Per day	\$75	\$85
Weekend (two days)	Per weekend	\$115	\$125
Concessions stand			
Weekend	Per weekend	\$275	\$275
Day	Per day	\$110	\$135
Additional maintenance (staff, supplies equipment, etc.)			
Enhanced maintenance (1 staff member)	Per hour	\$40	\$50
Enhanced maintenance (team of 2)	Per hour	\$75	\$95
Enhanced maintenance (team of 3)	Per hour	\$100	\$120
Rich Valley lights	Per hour	\$50	\$70
Add chalk lines	Per park	\$25	\$35
Disc golf			
Annual pass	Annual	\$30	\$40
Daily pass	Per day	\$5	\$5
Weekday tournament	Per day	\$225	\$250
Weekend tournament	Per weekend	\$520	\$545
Dog park license			
1st Dog	Annual	\$20	\$30
Each additional dog	Annual	\$15	\$25
Lost pass replacement	Each time	\$5	\$5

Park Usage (continued)	Frequency	2023 Resident Fee	2023 Non Resident
Pickleball court rental			
Each court	Per hour	\$7	\$9
All courts	Per hour	\$100	\$120
Tennis court rental			
Each court	Per hour	\$7	\$9
Mountain bike course rental			
Tournament	Per day	\$510	\$535
Community garden rental			
Small plot	Per plot	\$32	\$32
Large plot	Per plot	\$34	\$34

Recreation Brochure Advertisement			2023
Digital Advertisements (color or grayscale, and grayscale print advertisement)			
1/4 page	Per advertisement		\$300
1/2 page	Per advertisement		\$600

Inver Wood	Frequency	2023	2023
Pull-cart rental			
Pull-cart rental	Per round	\$5	\$5
Golf car rental			
18 Holes	Per round	\$24	\$24
9 Holes	Per round	\$15.50	\$15.50
Executive	Per round	\$9	\$9
Twilight	Per round	\$18.50	\$18.50
Twilight - Executive	Per round	\$9	\$9
Driving range			
Large bucket	Per bucket	\$15	\$15
Medium bucket	Per bucket	\$12	\$12
Small bucket	Per bucket	\$9	\$9
Foot golf			
Adult	Per round	\$12	\$12
Youth	Per round	\$10	\$10
Ball rental	Per round	\$3	\$3
Player's card			
Player's card	Per season	\$100	\$120
Regular memberships			
Adult single - age 19 - 59	Annual	\$1,500	\$1,500
Adult couple - age 19 - 59 (Same household)	Annual	\$2,650	\$2,650
Senior single - age 60+	Annual	\$1,200	\$1,200
Junior - age 18 and under	Annual	\$600	\$600
• Regular Membership Includes Greens Fees only. Play any day, any time, includes holidays.			
Platinum memberships			
Adult single - age 19 - 59	Annual	\$2,875	\$2,875
Adult couple - age 19 - 59 (same household)	Annual	\$4,250	\$4,250
Additional dependent - age 18 and under	Annual	\$275	\$275
• Platinum membership includes greens fees, range balls, golf car, play any day, any time, includes holidays.			
Restricted memberships			
Adult single - age 19 - 59	Annual	\$1,025	\$1,025
Adult couple - age 19 - 59	Annual	\$1,725	\$1,725
Additional dependent - age 18 and under	Annual	\$225	\$225
• Restricted membership includes greens fees only. Good for play Monday - Thursday, holidays NOT included.			

Inver Wood Golf Course (continued)		2023 Resident Fee	2023 Non-Resident Fee
Frequency			
Daily Greens Fees			
Monday through Thursday: 7am - 5pm and Fridays 7am - Noon			
18 Holes green fees			
Adult - age 19 - 59	Per round	\$45	\$45
Senior - age 60+	Per round	\$32	\$32
Junior - age 18 and under	Per round	\$32	\$32
Player's card fee	Per round	\$38.50	\$38.50
9 Holes green fees			
Adult - age 19 - 59	Per round	\$25	\$25
Senior - age 60+	Per round	\$18.50	\$18.50
Junior - age 18 and under	Per round	\$18.50	\$18.50
Player's card fee	Per round	\$22	\$22
Executive Course			
Adult	Per round	\$19.00	\$19.00
Junior and senior	Per round	\$14	\$14
Player's card fee	Per round	\$15.50	\$15.50
Daily Green Fees			
Everyday: 5pm - Close/Twilight Play			
18 Holes green fees			
Adult - age 19 - 59	Per round	\$34.50	\$34.50
Senior - age 60+	Per round	\$23	\$23
Junior - age 18 and under	Per round	\$23	\$23
9 Holes green fees			
Adult - age 19 - 59	Per round	\$25	\$25
Senior - age 60+	Per round	\$18.50	\$18.50
Junior - age 18 and under	Per round	\$18.50	\$18.50
Player's card fees			
Player's card	Per round	\$27.50	\$27.50
Daily Green Fees			
Friday: Noon - 5pm, Saturday and Sunday: 6am - Noon & Holidays			
18 Holes green fees			
All ages	Per round	\$53.50	\$53.50
Player's card fee	Per round	\$45	\$45
9 Holes green fees			
All ages	Per round	\$35.50	\$35.50
Player's card fee	Per round	\$25	\$25
Executive green fees			
All ages	Per round	\$23	\$23
Player's card fee	Per round	\$19	\$19
Daily Greens Fees			
Saturday and Sunday: Noon - 5pm			
18 Holes			
Adult - age 19 - 59	Per round	\$45	\$45
Senior - age 60+	Per round	\$32	\$32
Junior - age 18 and Under	Per round	\$32	\$32
9 Holes			
Adult - age 19 - 59	Per round	\$25	\$25
Senior - age 60+	Per round	\$18.50	\$18.50
Junior - age 18 and under	Per round	\$18.50	\$18.50
Player's card			
18 Hole greens fee	Per round	\$38.50	\$38.50
9 Hole greens fee	Per round	\$22	\$22
Executive greens	Per round	\$15.50	\$15.50

Parks and Recreation			
Veteran's Memorial Community Center	Frequency	2023 Resident Fee	2023 Non-resident Fee
Membership enrollment			
Single	One-time	\$49	\$59
Dual	One-time	\$49	\$59
Household	One-time	\$49	\$59
Senior	One-time	\$49	\$59
Daily admission			
Youth - 11 & under	Daily	\$6	\$6
Senior - age 60+	Daily	\$6	\$6
Adult - age 12+	Daily	\$9	\$9
Daily admission add-ons			
Shower rental	Daily	\$6	\$6
Towel rental	Daily	\$3	\$3
Shower and towel rental with arena rental	Daily	\$2.50	\$2.50
Annual membership			
Single	Annual	\$643	\$643
Dual	Annual	\$847	\$847
Senior - age 60+	Annual	\$510	\$510
Household - up to 6 people	Annual	\$969	\$969
Caregiver added to household	Annual	\$300	\$300
Monthly membership			
Single	Monthly	\$63	\$63
Dual	Monthly	\$83	\$83
Senior - age 60+	Monthly	\$50	\$50
Household - up to 6 people	Monthly	\$95	\$95
Caregiver added to household	Monthly	\$25	\$25
Corporate membership			
Single	Monthly	\$54	\$54
Dual	Monthly	\$74	\$74
Senior - age 60+	Monthly	\$44	\$44
Household - up to 6 people	Monthly	\$84	\$84
Membership adjustment			
Upgrade or downgrade	Per grade	\$10	\$10
Additional child	Monthly	\$10	\$10
Additional child	Annual	\$120	\$120
Open gym			
Members	Daily	Free	Free
Non-members - individual - youth & senior	Daily	\$6	\$6
Non-members - individual - ages 12-59	Daily	\$9	\$9
Open pickleball			
Members	Daily	Free	Free
Non-members - individual - youth & senior	Daily	\$6	\$6
Non-Members - individual - ages 12-59	Daily	\$9	\$9
Studio rental			
Fitness studio	Per hour	\$55	\$60
Fitness TRX room	Per hour	\$40	\$50
Open skate			
Open skate - members	Daily	Free	Free
Open skate - ages 12+	Daily	\$5	\$5
Daily admission - developmental ice	Daily	\$10	\$10
10-time pass - developmental ice	10 Visits	\$90	\$90
Open hockey	Daily	\$6	\$6
Skate rental	Daily	\$2	\$2

Veteran's Memorial Community Center (continued)		2023 Resident Fee	2023 Non-resident Fee
Room rental			
Gymnasium - athletic	Per hour	\$70	\$80 + \$500 damage deposit
Gymnasium	Per hour	\$90	\$100 + \$500 damage deposit
Gymnasium kitchen	Per day	\$90	\$90
Gymnasium - wedding package	Per day	\$900 Up to 300 people	\$1300 + \$500 damage deposit Up to 300 people
Community room 1, 2, or 3	Per hour	\$48 without AV \$55 with AV	\$58 without AV \$65 with AV
Community room (combined 1 & 2)	Per hour	\$78 without AV \$85 with AV	\$88 without AV \$95 with AV
Community room kitchen	Per day	\$25	\$25
National guard room A, B, C	Per hour	\$37	\$47
Legion room	Per hour	\$25	\$35
Brightside room	Per hour	\$42	\$52
West rink - turf			
Prime rates (March - April)	Per hour	\$90	\$100
Non-prime rates (May - October)	Per hour	\$70	\$80
Room rental add-ons			
PA system	Per day	\$25	\$25
Screen and projector	Per day	\$15	\$15
TV/DVD	Per day	\$25	\$25
Room rental attendant	Per hour	\$50	\$50
Child care			
Members	Per hour	Free	Free
Non-members childcare drop-in rate	Per hour	\$5.25 per child	\$5.25 per child
Employee childcare rate	Per hour	\$3 per child	\$3 per child
Party room rental - includes entry to water park			
Daily - up to 20 people	Per use	\$275	\$275
Daily - 21 to 30 people	Per use	\$360	\$360
Pool rental			
Water park	Per hour	\$250	\$270 2 hours minimum
Water park - outside rental hours	Per hour	\$300	\$320 2 hours minimum
Lap pool	Per hour	\$90	\$90 4 hours minimum
Individual lane	Per hour	\$18	\$18
Diving well	Per hour	\$90	\$90
Swim event - lap and diving	Per hour	\$175	\$175
Lifeguard fee - required based on facility rental	Per hour Per lifeguard	\$15	\$15
Tournament/Game Vendor			
Daily	Per day	\$50	\$50
Weekend	Per weekend	\$75	\$75

- Alcohol is allowed on-site but requires a City Police Officer. See Police section of fee schedule for hourly rates.
- All month-to-month members can receive a 15% discount off 12 months paid in full (fee listed reflects discount)
- Seasonal staff working at the VMCC are afforded free use of the facility during their employment this does not include their spouse or family members.

Parks and Recreation			
VMCC Arena Ice Time			
October 1, 2022 - March 12, 2023			
Days and Time of Day	Designation	Mon - Fri	Sat - Sun
Monday - Friday	Prime 3:00 pm - 9:59 pm	\$220	
Monday - Friday	Non Prime Before 3:00 pm and after 10:00 pm	\$150	
Saturday and Sunday	Prime 7:00 am - 8:59 pm		\$220
Saturday and Sunday	Non Prime Before 7:00 am and after 9:00 pm		\$150
March 13, 2023 - September 30, 2023			
Days and Time of Day	Designation	Mon - Fri	Sat - Sun
Monday - Friday	Prime 5:00 pm - 8:59 pm	\$160	
Monday - Friday	Non Prime Before 5:00 pm and after 9:00 pm	\$145	
Saturday and Sunday	Prime 9:00 am - 7:59 pm		\$160
Saturday and Sunday	Non Prime Before 9:00 am and after 8:00 pm		\$145
October 1, 2023 - March 12, 2024			
Days and Time of Day	Designation	Mon - Fri	Sat - Sun
Monday - Friday	Prime	\$225	
Monday - Friday	Non Prime Before 3:00 pm and after 10:00 pm	\$155	
Saturday and Sunday	Prime 7:00 am - 8:59 pm		\$225
Saturday and Sunday	Non Prime Before 7:00 am and after 9:00 pm		\$155
March 13, 2024 - September 30, 2024			
Days and Time of Day	Designation	Mon - Fri	Sat - Sun
Monday - Friday	Prime 5:00 pm - 8:59 pm	\$165	
Monday - Friday	Non Prime Before 5:00 pm and after 9:00 pm	\$150	
Saturday and Sunday	Prime 9:00 am - 7:59 pm		\$165
Saturday and Sunday	Non Prime Before 9:00 am and after 8:00 pm		\$150

- Certain restrictions apply to availability, reservations, and terms of usage.
- Fees do not include tax



Request for Council Action

SUBJECT: **Approval of Massage Business License and Two Therapist Licenses**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Katie Malott, Deputy City Clerk, 651.450.2470

ACTION REQUESTED

The Council is asked to approve a new massage business license and massage therapist license for Jody Jackson at Universal Massage & Bodywork and a new massage therapist license for Danielle Mehralian at Oye Spa, LLC.

BACKGROUND

Jody Jackson has applied for a new massage business and therapist license for Universal Massage and Bodywork, 5972 Cahill Ave, Suite 101, Inver Grove Heights, MN 55076. The application was accompanied by the necessary license fee and liability insurance certificate. The background investigation was completed by the police department with no basis found for denial of the license.

Danielle Mehralian has applied for a new massage therapist license for Oye Spa LLC, 7741 Amana Trail, Inver Grove Heights, MN 55077. The application was accompanied by the necessary license fee and liability insurance certificate. The background investigation was completed by the police department with no basis found for denial of the license.

FISCAL IMPACT

N/A

RECOMMENDATION

Staff recommends approval of the massage business license and the two therapist licenses.

ATTACHMENTS

None



Request for Council Action

SUBJECT: **Revised Temporary 4-Day On-Sale Liquor License for Twin Cities Goodtime Softball League**

MEETING DATE: August 14, 2023

ITEM TYPE: Consent Agenda

CONTACT: Rebecca Kiernan, City Clerk, 651.450.2513

ACTION REQUESTED

The Council is asked to approve a revised Request for Council Action for the Twin Cities Goodtime Softball League. The agenda item prepared for the July 24, 2023 Council meeting had this event listed as a 3-day event when, in fact, it is a 4-day event.

BACKGROUND

The Twin Cities Goodtime Softball League is renting the Rich Valley Athletic Complex, August 29 through September 1, 2023, as one of multiple sites for the Gay Softball World Series. The event is run by the North American Gay Amateur Athletic Alliance, which has more than 170,000 players from 52 cities in the US and Canada. This will be the third time this event is held in the Twin Cities, since its inception in 1977. Organizers are expecting around 225 teams to play on softball fields in Burnsville, Eagan, Inver Grove Heights, South St Paul and Woodbury simultaneously.

The group is seeking a temporary, 4-day, on-sale liquor license in order to be able to sell alcoholic beverages at the athletic complex, as is allowed under the City's recently adopted ordinance related to the sale and consumption of alcohol in parks. Staff have reviewed the application and find it to be complete and in compliance with all requirements.

Staff apologizes for the correction needed.

FISCAL IMPACT

none

RECOMMENDATION

Staff recommends approval of the application for a 4-day temporary On-Sale Liquor License.

ATTACHMENTS

1. Application for 4-day On-Sale License
2. Certificate of Insurance



Minnesota Department of Public Safety
Alcohol and Gambling Enforcement Division
445 Minnesota Street, Suite 1600, St. Paul, MN 55101
651-201-7507 Fax 651-297-5259 TTY 651-282-6555
**APPLICATION AND PERMIT FOR A 1 DAY
TO 4 DAY TEMPORARY ON-SALE LIQUOR LICENSE**

Name of organization		Date organized		Tax exempt number	
Twin Cities Goodtime Softball League		1/1/1995		41-1475090	
Address		City	State	Zip Code	
4358 Sheridan Ave N		Minneapolis	MN	55412	
Name of person making application		Business phone		Home phone	
Josh Hausmann		651-424-7559		651-424-7559	
Date(s) of event		Type of organization ☐ Microdistillery ☐ Small Brewer			
Aug 29- Sept 1, 2023		☐ Club ☐ Charitable ☐ Religious ☒ Other non-profit			
Organization officer's name		City	State	Zip Code	
Chris Overlie		Minneapolis	MN	55412	
Organization officer's name		City	State	Zip Code	
Joe Ohlgren		Minneapolis	MN	55412	
Organization officer's name		City	State	Zip Code	
			MN		

Location where permit will be used. If an outdoor area, describe.

Rich Valley Athletic Fields- Defined area to be within fields 1-4 and around concessions area.

If the applicant will contract for intoxicating liquor service give the name and address of the liquor license providing the service. N/A

If the applicant will carry liquor liability insurance please provide the carrier's name and amount of coverage.

Certain UnderWriters at Lloyds

General \$2,000,000, \$1,000,000 per occurrence

APPROVAL

APPLICATION MUST BE APPROVED BY CITY OR COUNTY BEFORE SUBMITTING TO ALCOHOL AND GAMBLING ENFORCEMENT

City or County approving the license	Date Approved
Fee Amount	Permit Date
Date Fee Paid	City or County E-mail Address
	City or County Phone Number

Signature City Clerk or County Official

Please Print Name of City Clerk or County Official

CLERKS NOTICE: Submit this form to Alcohol and Gambling Enforcement Division 30 days prior to event.

ONE SUBMISSION PER EMAIL, APPLICATION ONLY.

**PLEASE PROVIDE A VALID E-MAIL ADDRESS FOR THE CITY/COUNTY AS ALL TEMPORARY
PERMIT APPROVALS WILL BE SENT BACK VIA EMAIL. E-MAIL THE APPLICATION SIGNED BY
CITY/COUNTY TO AGE.TEMPORARYAPPLICATION@STATE.MN.US**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

07/18/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER East Main Street Insurance Services, Inc. Will Maddux PO Box 1298 Grass Valley CA 95945	CONTACT NAME: Will Maddux PHONE (A/C, No. Ext): (530) 477-6521 E-MAIL ADDRESS: info@theeventhelper.com FAX (A/C, No): INSURER(S) AFFORDING COVERAGE INSURER A: Evanston Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	NAIC # 35378
INSURED Twin Cities Goodtime Softball League c/o Joshua Hausmann 4358 N Sheridan Ave Minneapolis MN 55412		

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Host Liquor Liability ☐ Retail Liquor Liability GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER:	Y	N	3DS5474-M3143957	08/29/2023 12:01 AM	09/02/2023 12:01 AM	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Deductible \$ 1,000	
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$	☐ OCCUR ☐ CLAIMS-MADE						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N ☐ N / A						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate holder listed below is named as additional insured per attached MEGL 2217 01 19. Attendance: 2000, Event Type: Softball Tournament - Amateur Only.

CERTIFICATE HOLDER**CANCELLATION**

Twin Cities Goodtime Softball League City of Inver Grove Heights Rich Valley Athletic Complex North American Gay Amateur Athletic Alli 1841 105th St E Inver Grove Heights MN 55077	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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EVANSTON INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:
COMMERCIAL GENERAL LIABILITY COVERAGE FORM

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):

Twin Cities Goodtime Softball League
City of Inver Grove Heights
Rich Valley Athletic Complex
North American Gay Amateur Athletic Alli
1841 105th St E
Inver Grove Heights, MN 55077

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule of this endorsement, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by the acts or omissions of any insured listed under Paragraph **1.** or **2.** of Section II – Who Is An Insured:

1. In the performance of your ongoing operations; or
2. In connection with your premises owned by or rented to you.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations; whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

All other terms and conditions remain unchanged.



Request for Council Action

SUBJECT: **Temporary 1-Day On-Sale Liquor License for Inver Grove Brewing**

MEETING DATE: August 14, 2023

ITEM TYPE: Public Hearing

CONTACT: Rebecca Kiernan, City Clerk, 651.450.2513

ACTION REQUESTED

The Council is asked to hold a public hearing and then approve a temporary, 1-Day, On-Sale Liquor License for Lakeville Brewing Co. (Inver Grove Brewing Co.) 9051 Buchanan Trail, Inver Grove Heights, MN 55076.

BACKGROUND

Inver Grove Brewing is seeking a temporary, 1-day, on-sale liquor license in order to sell alcoholic beverages at Rich Valley Athletic Complex as part of the City's August 17 Food Truck Event.

Inver Grove Brewery has a full On-Sale Liquor License with the City and this event is held in conjunction with a City Event per State Statute 340A.409 b. The governing body of a municipality may authorize a holder of a retail on-sale intoxicating liquor license issued by the municipality to dispense intoxicating liquor off premises at a community festival held within the municipality.

Staff have reviewed the application and find it to be complete and in compliance with all requirements.

FISCAL IMPACT

None

RECOMMENDATION

Staff recommends holding a public hearing and then approving the application for a 1-day temporary On-Sale Liquor License.

ATTACHMENTS

1. Application
2. Proof of Liability Insurance



Minnesota Department of Public Safety
Alcohol and Gambling Enforcement Division
445 Minnesota Street, Suite 1600, St. Paul, MN 55101
651-201-7507 TTY 651-282-6555

**APPLICATION AND PERMIT FOR A 1 DAY
TO 4 DAY TEMPORARY ON-SALE LIQUOR LICENSE**

Name of organization		Date of organization		Tax exempt number	
City of Inver Grove Heights Parks and Recreation		8/2/2023		8022953	
Organization Address (No PO Boxes)		City	State	Zip Code	
8055 Barbara Ave.		Inver Grove Heights	Minnesota	55077	
Name of person making application		Business phone		Home phone	
Rachel Mikel		651-450-2583		n/a	
Date(s) of event		Type of organization ☐ Microdistillery ☐ Small Brewer			
Thursday, August 17, 2023		☐ Club ☐ Charitable ☐ Religious ☒ Other non-profit			
Organization officer's name		City	State	Zip Code	
Rachel Mikel		Inver Grove Heights	Minnesota	55077	
Organization officer's name		City	State	Zip Code	
Chelsea Swenhaugen		Inver Grove Heights	Minnesota	55077	
Organization officer's name		City	State	Zip Code	
			Minnesota		

Location where permit will be used. If an outdoor area, describe.
Rich Valley Athletic Complex Parking Lot- 1841 105th St. E Inver Grove Heights, MN 55077.

If the applicant will contract for intoxicating liquor service give the name and address of the liquor license providing the service.
Lakeville Brewing Co. (Inver Grove Brewing Co.) 9051 Buchanan Trail, Inver Grove Heights, MN 55076.

If the applicant will carry liquor liability insurance please provide the carrier's name and amount of coverage.
Solutions Insurance. 215 N Central Ave. Suite 6 Duluth, MN 55807. \$2,000,000.

APPROVAL

APPLICATION MUST BE APPROVED BY CITY OR COUNTY BEFORE SUBMITTING TO ALCOHOL AND GAMBLING ENFORCEMENT

City or County approving the license	Date Approved
Fee Amount	Permit Date
Event in conjunction with a community festival ☒ Yes ☐ No	City or County E-mail Address
35,541	
Current population of city	

Please Print Name of City Clerk or County Official

Signature City Clerk or County Official

CLERKS NOTICE: Submit this form to Alcohol and Gambling Enforcement Division 30 days prior to event

No Temp Applications faxed or mailed. Only emailed.

ONE SUBMISSION PER EMAIL, APPLICATION ONLY.

**PLEASE PROVIDE A VALID E-MAIL ADDRESS FOR THE CITY/COUNTY AS ALL TEMPORARY
PERMIT APPROVALS WILL BE SENT BACK VIA EMAIL. E-MAIL THE APPLICATION SIGNED BY
CITY/COUNTY TO AGE.TEMPORARYAPPLICATION@STATE.MN.US**



LAKEBRE-01

SREIJO

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/3/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Solutions Insurance Agencies 215 N Central Ave Suite 6 Duluth, MN 55807	CONTACT NAME: Timothy Blahnik PHONE (A/C, No, Ext): (612) 859-9498 FAX (A/C, No): E-MAIL ADDRESS: tblahnik@solutionsagencies.com
	INSURER(S) AFFORDING COVERAGE INSURER A: Cincinnati Insurance Company INSURER B: The Cincinnati Casualty Company INSURER C: INSURER D: INSURER E: INSURER F:
	NAIC # 10677 28665

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC OTHER:	X		ETD 0595334	11/7/2022	11/7/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			ETA 0595334	11/7/2022	11/7/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$			ETD 0595334	11/7/2022	11/7/2023	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Liquor Liability			ETD 0595334	11/7/2022	11/7/2023	Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
City of Inver Grove Heights is included as Additional Insured. Liquor Liability Coverage is continuous until cancelled and extends to the parking lot. Liquor Liability \$1,000,000 each / \$2,000,000 aggregate

CERTIFICATE HOLDER

CANCELLATION

City of Inver Grove Heights
Inver Grove Heights, MN 55077

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



LAKEBRE-01

SREIJO

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/3/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Solutions Insurance Agencies 215 N Central Ave Suite 6 Duluth, MN 55807	CONTACT NAME: Timothy Blahnik PHONE (A/C, No, Ext): (612) 859-9498 FAX (A/C, No): E-MAIL ADDRESS: tblahnik@solutionsagencies.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Cincinnati Insurance Company	10677
	INSURER B : The Cincinnati Casualty Company	28665
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC OTHER:	X		ETD 0595334	11/7/2022	11/7/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			ETA 0595334	11/7/2022	11/7/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$			ETD 0595334	11/7/2022	11/7/2023	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Liquor Liability			ETD 0595334	11/7/2022	11/7/2023	Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
City of Lakeville is included as Additional Insured. Off Premises coverage is included. Liquor Liability Coverage is continuous until cancelled. Liquor Liability \$1,000,000 each / \$2,000,000 aggregate

CERTIFICATE HOLDER

CANCELLATION

City of Lakeville 20195 Holyoke Ave Lakeville, MN 55044-8339	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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LAKEBRE-01

SREIJO

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/3/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Solutions Insurance Agencies 215 N Central Ave Suite 6 Duluth, MN 55807	CONTACT NAME: Timothy Blahnik PHONE (A/C, No, Ext): (612) 859-9498 FAX (A/C, No): E-MAIL ADDRESS: tblahnik@solutionsagencies.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : Cincinnati Insurance Company	10677
	INSURER B : The Cincinnati Casualty Company	28665
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC OTHER:			ETD 0595334	11/7/2022	11/7/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			ETA 0595334	11/7/2022	11/7/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$			ETD 0595334	11/7/2022	11/7/2023	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Liquor Liability			ETD 0595334	11/7/2022	11/7/2023	Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Locations Covered:

8790 Upper 208th St. West, Lakeville, MN 55044 including parking lot and off premises coverage included.
9051 Buchanan Trail, Inver Grove Heights, MN 55076 including parking lot and off premises coverage included.
Liquor Liability - \$1,000,000 per occurrence; \$2,000,000 aggregate. Coverage is continuous until cancelled.

CERTIFICATE HOLDER

CANCELLATION

Minnesota Department of Public Safety - Alcohol and Gambling Enforcement Division
445 Minneaota St., Ste 222
St. Paul, MN 55101

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



Request for Council Action

SUBJECT: **Interim Ordinance Temporarily Prohibiting the Establishment and Operation of Cannabis Businesses within the City**

MEETING DATE: August 14, 2023
ITEM TYPE: Public Hearing
CONTACT: Bridget Nason, City Attorney

ACTION REQUESTED

The Council is asked to consider adoption of the attached Interim Ordinance, temporarily prohibiting the establishment and operation of cannabis businesses within the City.

BACKGROUND

The Minnesota Legislature recently enacted, and Governor Walz signed, 2023 Minnesota Session Laws, Chapter 63 – H.F. No. 100 (“Act”), which is comprehensive legislation relating to cannabis; including, but not limited to, the establishment of the Office of Cannabis Management (“OCM”), legalizing and limiting the possession and use of cannabis and certain hemp products by adults, providing for the licensing, inspection, and regulation of cannabis businesses and hemp businesses, taxing the sale of cannabis flower, cannabis products, and certain hemp products, establishing grant and loan programs, amending criminal penalties, providing for expungement of certain convictions and providing for the temporary regulation of certain edible cannabinoid products.

The Act provides local units of government certain authority related to cannabis businesses, including the authority to (1) require local registration of certain cannabis businesses operating retail establishments, (2) adopt reasonable restrictions on the time, place, and manner of the operation of cannabis businesses, provided that such restrictions do not prohibit the establishment or operation of a cannabis businesses, (3) limit the number of certain cannabis businesses based on the population of the community, and (4) prohibit the operation of a cannabis business within 1,000 feet of a school, or 500 feet of a day care, residential treatment facility, or an attraction within a public park that is regularly used by minors, including a playground or athletic field.

The Act requires the OCM, which was established effective July 1, 2023, to work with local governments to develop model ordinances for reasonable restrictions on the time, place, and manner of the operation of cannabis businesses. The Act also requires the OCM to establish additional rules and regulations relating to the operation of cannabis businesses. The City will benefit from reviewing and analyzing the OCM’s yet-to-be-published model ordinances, rules and regulations before making any decisions related to the regulation of cannabis businesses in the City.

The Act expressly allows a local unit of government that is conducting studies or has authorized a study to be conducted or has held or scheduled a hearing for the purpose of considering adoption or amendment of reasonable restrictions on the time, place and manner of the operation of cannabis businesses to adopt an interim ordinance applicable to all or part of its jurisdiction for the purpose of

protecting the planning process and the health, safety, and welfare of its citizens. The interim ordinance may regulate, restrict, or prohibit the operation of cannabis businesses within the jurisdiction or a portion thereof until January 1, 2025.

Given the uncertainty regarding the model ordinances to be developed by the OCM and the broad scope of the changes to Minnesota law brought about by the Act, the City Council is asked to hold a public hearing and then consider adoption of an interim ordinance temporarily prohibiting the establishment and operation of cannabis businesses within the City.

If the Council chooses, it may waive the three-reading requirement (this requires a unanimous vote of the Council) and adopt the interim ordinance in one reading. If the interim ordinance is adopted by the Council, the Council is also asked to consider approval of the attached summary publication resolution (this requires a 4/5ths vote of the Council to pass).

FISCAL IMPACT

n/a

RECOMMENDATION

Staff recommends adoption of the attached interim ordinance.

ATTACHMENTS

1. Interim Ordinance
2. Summary Publication Resolution

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY
ORDINANCE NO. _____**

**AN INTERIM ORDINANCE AUTHORIZING A STUDY AND IMPOSING A
MORATORIUM ON THE ESTABLISHMENT AND OPERATION OF CANNABIS
BUSINESSES WITHIN THE CITY OF INVER GROVE HEIGHTS**

**THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS HEREBY ORDAINS
AS FOLLOWS:**

SECTION 1. Authority and Legislative Findings.

- A. The Minnesota Legislature recently enacted, and Governor Walz signed, 2023 Minnesota Session Laws, Chapter 63 – H.F. No. 100 (“Act”), which is comprehensive legislation relating to cannabis including, but not limited to, the establishment of the Office of Cannabis Management (“OCM”), legalizing and limiting the possession and use of cannabis and certain hemp products by adults, providing for the licensing, inspection, and regulation of cannabis businesses and hemp businesses, taxing the sale of cannabis flower, cannabis products, and certain hemp products, establishing grant and loan programs, amending criminal penalties, providing for expungement of certain convictions and providing for the temporary regulation of certain edible cannabinoid products.
- B. The Act provides local units of government certain authority related to cannabis businesses, including the authority to: (1) require local registration of certain cannabis businesses operating retail establishments; (2) adopt reasonable restrictions on the time, place, and manner of the operation of cannabis businesses, provided that such restrictions do not prohibit the establishment or operation of a cannabis businesses; (3) limit the number of certain cannabis businesses based on the population of the community; and (4) prohibit the operation of a cannabis business within 1,000 feet of a school, or 500 feet of a day care, residential treatment facility, or an attraction within a public park that is regularly used by minors, including a playground or athletic field.
- C. The Act requires the OCM to work with local governments to develop model ordinances for reasonable restrictions on the time, place, and manner of the operation of cannabis businesses. The Act also requires the OCM to establish additional rules and regulations relating to the operation of cannabis businesses. The City will benefit from reviewing and analyzing the OCM’s model ordinances, rules

and regulations before making any decisions related to the regulation of cannabis businesses in the City.

- D. The Act expressly allows a local unit of government that is conducting studies or has authorized a study to be conducted or has held or scheduled a hearing for the purpose of considering adoption or amendment of reasonable restrictions on the time, place and manner of the operation of cannabis businesses to adopt an interim ordinance applicable to all or part of its jurisdiction for the purpose of protecting the planning process and the health, safety, and welfare of its citizens. The interim ordinance may regulate, restrict, or prohibit the operation of cannabis businesses within the jurisdiction or a portion thereof until January 1, 2025.
- E. Given the uncertainty regarding the model ordinances to be developed by the OCM and the broad scope of the changes to Minnesota law brought about by the Act, the City desires to adopt an interim ordinance for the purpose of protecting the planning process and the health, safety, and welfare of its citizens.
- F. The City desires to conduct a study for the purpose of considering the adoption or amendment of reasonable restrictions on the time, place and manner of the operation of cannabis businesses as well as the other regulations local units of government may adopt under the Act.
- G. On August 1, 2023, after providing at least 10 days published notice, the City Council held a public hearing regarding the consideration and adoption of an interim ordinance prohibiting the operation of cannabis businesses within the City until January 1, 2025.

SECTION 2. Definitions. For purposes of this Ordinance, the following terms shall have the meaning given them in this Section:

- (a) “Act” means 2023 Minnesota Session Laws, Chapter 63 (H.F. No. 100).
- (b) “Cannabis Business” has the meaning given the term in Minnesota Statutes, section 342.01, subdivision 14.
- (c) “City” means the City of Inver Grove Heights.
- (d) “Edible Cannabinoid Product” has the meaning given the term in Minnesota Statutes, Section 151.72, subdivision 1(f).
- (e) “OCM” means the Office of Cannabis Management, established as set forth in Minnesota Statutes, Section 342.02, subd. 1.
- (f) “Ordinance” means this interim ordinance, which is adopted pursuant to Minnesota Statutes, Section 342.13(e).

SECTION 3. Study Authorized. The City Council hereby authorizes and directs the City Administrator to have City staff conduct a study regarding the adoption or amendment of reasonable restrictions on the time, place, and manner of the operation of Cannabis Businesses, as well as the other potential local regulations allowed under the Act, and report to the City Council on the potential regulation of Cannabis Businesses. The study must include a review of the model ordinances the OCM is directed to draft under Minnesota Statutes, Section 342.13(d), an analysis of potential setback regulations allowed under Minnesota Statutes, section 342.13(c), and such other matters as staff may determine are relevant to the City Council's consideration of this matter. The report shall include the City staff's recommendations on whether the City Council should adopt regulations and, if so, the recommended types of regulations.

SECTION 4. Moratorium. A moratorium is hereby imposed regarding the establishment and operation of a Cannabis Business within the City. During the term of this Ordinance, no business, person, or entity may establish or operate a Cannabis Business within the jurisdictional boundaries of the City. The City shall not accept, process, or act on any application, site plan, building permit, zoning request, or other approval, including any requested confirmation, certification, approval, or other request from the OCM or other governmental entity requesting City review of any application or proposal for a business proposing to engage in the operation of a Cannabis Business.

SECTION 5. Violation. During the term of the moratorium, it is a violation of this Ordinance for any business, person, or entity to establish or operate a Cannabis Business within the City.

SECTION 6. Exceptions. The moratorium imposed by this Ordinance does not apply to: (1) the continued operation of a business as part of the Medical Cannabis Program administered by the Minnesota Department of Health that was lawfully operating within the City prior to July 1, 2023; (2) the lawful sale of Edible Cannabinoid Products in compliance with Minnesota Statutes, Section 151.72; or (3) sales of Edible Cannabinoid Products at an exclusive liquor store in accordance with Minnesota Statutes, Section 340A.412, subdivision 14. Nothing in this Section exempts a business, person, or entity that is selling Edible Cannabinoid Products from having to comply with all requirements and prohibitions of applicable laws and ordinances.

SECTION 7. Enforcement. Violation of this Ordinance is a misdemeanor. The City may also enforce this Ordinance by mandamus, injunction, or other appropriate civil remedy in any court of competent jurisdiction. A violation of this Ordinance is also subject to the City's general penalty in City Code and may result in the City reporting the violation to the OCM if relevant to OCM licensing.

SECTION 8. Duration and Effective Date. This Ordinance shall become effective five days following adoption and publication as required by law and shall remain in effect until January 1, 2025. This Ordinance may be repealed earlier upon the effective date of an

ordinance adopting or amending reasonable restrictions on the time, place and manner of the operation of a Cannabis Business within the City or by resolution of the City Council terminating this Ordinance prior to the expiration date.

SECTION 9. Severability. Every section, provision, and part of this Ordinance is declared severable from every other section, provision, and part thereof. If any section, provision, or part of this Ordinance is held to be invalid by a court of competent jurisdiction, such judgment shall not invalidate any other section, provision, or part of this Ordinance.

Passed in regular session of the City Council of the City of Inver Grove Heights on the ____ day of _____, 2023.

CITY OF INVER GROVE HEIGHTS

By _____
Brenda Dietrich
Its: Mayor

Attest:

By: Rebecca Kiernan
Its: City Clerk

(Published in the *Pioneer Press* on _____)

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA
RESOLUTION NO. _____**

**A RESOLUTION APPROVING THE PUBLICATION OF A SUMMARY OF ORDINANCE
NO. 1458, AN INTERIM ORDINANCE AUTHORIZING A STUDY AND IMPOSING A
MORATORIUM ON THE ESTABLISHMENT AND OPERATION OF CANNABIS
BUSINESSES WITHIN THE CITY OF INVER GROVE HEIGHTS**

WHEREAS, on August 14, 2023, the City Council of the City of Inver Grove Heights, Dakota County, Minnesota ("City") adopted Ordinance No. 1458, an Interim Ordinance Authorizing a Study and Imposing a Moratorium on the Establishment and Operation of Cannabis Businesses within the City of Inver Grove Heights; and

WHEREAS, pursuant to Minn. Stat. Sec. 412.191, subd. 4, the Council may, by a 4/5 vote, direct that only the title and a summary be published; and

WHEREAS, the City Council for the City of Inver Grove Heights has reviewed the summary of Ordinance No. 1458 which is attached hereto as **Exhibit A**; and

WHEREAS, the City Council for the City of Inver Grove Heights has determined that publication of the title and a summary of Ordinance No. 1458 would clearly inform the public of the intent of the ordinance; and

WHEREAS, due to the length of Ordinance No. 1458 the City Council desires to publish a summary of the Ordinance.

NOW THEREFORE BE IT RESOLVED, by a vote of at least four-fifths of its members, that the City Council of the City of Inver Grove Heights hereby:

1. Approves the text of the summary of Ordinance No. 1458 attached as **Exhibit A** and authorizes the publication of the summary shown in **Exhibit A** in lieu of publication of the entirety of Ordinance No. 1458 in the City's official newspaper.
2. Directs the City Clerk to ensure that a full and complete printed copy of Ordinance No. 1458 is available for inspection during regular business hours at the office of the Inver Grove Heights City Clerk, by standard mail, or by electronic mail.
3. Directs the City Clerk to file the executed Ordinance No. 1458 upon the

books and records of the City along with proof of publication.

This resolution is passed and adopted by the City Council of the City of Inver Grove Heights, Dakota County, Minnesota this 14th day of August, 2023.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

Attested:

By: _____
Rebecca Kiernan
Its: City Clerk

(Published in the *Pioneer Press* on _____, 2023.)

EXHIBIT A

SUMMARY PUBLICATION ORDINANCE NO. 1458

A RESOLUTION APPROVING THE PUBLICATION OF A SUMMARY OF ORDINANCE NO. 1458 AN INTERIM ORDINANCE AUTHORIZING A STUDY AND IMPOSING A MORATORIUM ON THE ESTABLISHMENT AND OPERATION OF CANNABIS BUSINESSES WITHIN THE CITY OF INVER GROVE HEIGHTS

On August 14, 2023, the City Council of the City of Inver Grove Heights, Dakota County, Minnesota ("City") adopted Ordinance No. 1458, ("Ordinance") an Interim Ordinance Authorizing a Study and Imposing a Moratorium on the Establishment and Operation of Cannabis Businesses within the City of Inver Grove Heights.

The Interim Ordinance authorizes and directs the City Administrator to have City staff conduct a study regarding the adoption or amendment of reasonable restrictions on the time, place, and manner of the operation of Cannabis Businesses, as well as the other potential local regulations allowed under the 2023 Minnesota Session Laws, Chapter 63 (H.F. No. 100) and report to the City Council on the potential regulation of Cannabis Businesses.

The Interim Ordinance imposes a moratorium on the establishment and operation of a Cannabis Business within the City. During the term of this Ordinance, no business, person, or entity may establish or operate a Cannabis Business within the jurisdictional boundaries of the City of Inver Grove Heights. During the term of the moratorium, it is a violation of this Ordinance for any business, person, or entity to establish or operate a Cannabis Business within the City.

It is hereby determined that publication of this title and summary will clearly inform the public of the intent and effect of Ordinance No. 1458 and it is directed that only the above title and summary of Ordinance No. 1458 conforming to Minn. Stat. Sec. 331A.01 be published, with the following:

NOTICE

A printed copy of the full text of Ordinance No. 1458 is available for public inspection by any person during regular office hours at the office of the Inver Grove Heights City Clerk, 8150 Barbara Avenue, Inver Grove Heights, MN 55077, by standard mail, or by electronic mail, and at any other public location which the Council designates.



Request for Council Action

SUBJECT: Rental Housing Licenses

MEETING DATE: August 14, 2023

ITEM TYPE: Regular Business

CONTACT: Mary Lein, Assistant to the Chief Building Official, 651-450-2552

ACTION REQUESTED

The Council is asked to approve the rental housing licenses listed below.

BACKGROUND

The City Council adopted a rental licensing ordinance that requires all rental property owners to obtain a rental license every two years. The purpose of the ordinance is to assure proper maintenance of structures to preserve neighborhood stability, protect the quality of existing rental housing stock and maintain property values. The ordinance provides for basic safety and living standards for rentals.

The following rental license applications have been submitted:

RENTAL ADDRESS	PROPERTY OWNER	PROPERTY MANAGER
8866 Branson Dr	Trachmar LLC Inver Grove Heights, MN	Travis Anderson Inver Grove Heights, MN
8829 Branson Dr	Alisia Alee Converse, TX	Chris Mauzy Lakeville, MN
6964 Archer Pl	Sowjanya Mattaparthi Corcoran, MN	Chris Mauzy Lakeville, MN

The above applications have been found to be complete. The applications include the necessary fee payments, and BCA background checks. The City of Inver Grove Heights Police Chief/Designee has also reviewed and approved the license applications.

FISCAL IMPACT

None.

RECOMMENDATION

Community Development and Police Department staff recommend approval of the licenses listed above.

ATTACHMENTS

None



Request for Council Action

SUBJECT: **Comprehensive Plan Amendment for 7950 Blaine Avenue**

MEETING DATE: August 14, 2023

ITEM TYPE: Regular Business

CONTACT: Allan Hunting, City Planner, 651.450.2554

ACTION REQUESTED

The Council is asked to consider a request to amend the land use designation / comprehensive plan guiding of a portion of the parcel located at 7950 Blaine Avenue from Public Institutional to High Density Residential (Stelter Enterprises - Case No. 23-26CPA)

- Requires 4/5ths vote
- 60-day deadline: September 30, 2023 (second 60 days)

BACKGROUND

The applicant is seeking to reguide a portion of the Grace Church parcel from Public Institutional to High Density Residential to allow for the development of approximately 4.5 acres of the total 7.0 acre parcel with a market rate apartment building of about 100 units.

If the comprehensive plan amendment is successful, an application for rezoning, platting and a conditional use permit will be required before development can occur. This later process provides for public review and comment on the actual site plan.

The area is developed with single family to the north and east and college and government uses to the south. The site is also bounded by Hwy 52 on the west and fronts County Road 28 (80th Street), both high volume arterial roads.

The following provides some rationale for approval and denial of the proposed land use change.

RATIONAL FOR THE LAND USE CHANGE

- The southern half of the site is primarily vacant. Some of the parking lot extends into this area and there is a small community garden on the west side. The current church access is on the southern half of the site. Beyond this, the southern portion is excess land owned by the church and could be used for a higher and better use.
- Typical residential land use patterns are designed around placing higher-density residential along major roadways and then transition densities from high to low as you move geographically away from the high volume roads. The area requested for a comp plan change is along two higher volume roads. This corner would be a typical location for an apartment building. The density pattern of the

area transitions away from the corner into lower-density, single-family homes.

- The location is generally at the lowest point on the lot, which is 20+ feet lower than the church elevation and 10-15 feet lower than the homes to the east. The homes to the north are approximately 20-30 feet lower than the church elevation. The general first floor elevation of the proposed apartment building would be sitting lower than the houses to the east and the church.
- There appears to be a need and demand for higher density and apartment housing in the city. The Crossings apartment building and townhomes, to the west on 80th Street, were fully leased within a very short period of time following completion.
- Consistent with the policy of providing a broad range of housing opportunities.
- Provides a transition and buffer from the higher volume streets in the area (Hwy 52) to the single family neighborhood to the east.

RATIONALE AGAINST THE LAND USE CHANGE

- The surrounding neighborhoods on the east side of Hwy 52 are predominantly single family. There is a large area of townhome development to the north and east (east side of Blaine Avenue and 78th Street). There are no existing apartment buildings or high-density projects in this area of the city.
- There are approximately 55 vacant acres guided HDR and 60 vacant acres guided Mixed-Use elsewhere in the city. The Comprehensive Plan anticipates this amount of land to be absorbed through 2040.
- Would not be consistent with the policy of allowing infill development that protects the character of the neighborhood. The project would be a departure from single family development and density, which is the primary land use in the area. Could be considered out of character for the neighborhood.
- Project would not appear to be compatible in size and scale with the existing, adjacent neighborhood. This would be the only apartment building in this area of the city and a multi-story building would appear out of character in terms of size and bulk.

FISCAL IMPACT

N/A

RECOMMENDATION

The Planning Commission reviewed the request at its June 20 meeting. There were a number of residents that spoke against the project that night and also a number of emails were submitted as well. The Planning Commission recommends denial of the comp plan amendment (6-1).

ATTACHMENTS

1. Denial Resolution
2. Approval Resolution
3. Planning Commission Recommendation
4. Planning Report
5. Resident Emails

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION DENYING A COMPREHENSIVE PLAN MAP AMENDMENT TO CHANGE THE
LAND USE DESIGNATION OF APPROXIMATELY 4.5 ACRES FROM PUBLIC
INSTITUTIONAL TO HDR, HIGH DENSITY RESIDENTIAL**

**CASE NO. 23-26CPA
(Stelter Enterprises)**

WHEREAS, an application has been submitted to amend the future land use map in the City of Inver Grove Heights' Comprehensive plan to regulate the land use designation of approximately 4.5 acres from Public Institutional to HDR, High Density Residential for the real property (Property) legally described as;

The southerly 4.5 acres of a total 7.0 acre parcel described as:

The Southeast Quarter of the Southeast Quarter of the Southwest Quarter, except that part taken for State Trunk Highway No. 3 and that end of the west 7.50 feet of the Southwest Quarter of the Southwest Quarter the Southeast Quarter, all in Section 9, Township 27 , Range 22, Dakota County Minnesota.

WHEREAS, an amendment to the City's Comprehensive Plan may be approved by the City Council on an affirmative vote of 4/5ths of the Council per Minn. Stat. Sec. 462.355, subd. 3;

WHEREAS, the City of Inver Grove Heights Planning Commission reviewed the application on June 20, 2023, held a public hearing regarding the application following posted and published notice of the same, and recommended denial of the Application to the City Council;

WHEREAS, following a review of the Application, the change to the City's Comprehensive Plan Land Use Plan was found by the City Council to be contrary to the development direction for this part of the City and inconsistent with the existing and proposed land uses in the area.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, that the application for a Comprehensive Plan Map Amendment amending the City's future land use plan to reguide approximately 4.5 acres of the Property from Public Institutional to HDR, High Density Residential is hereby denied based on the following findings of fact:

1. The City's existing comprehensive plan, which was adopted relatively recently, represents the best vision for the future land use for the Property and the City at this time.
2. The proposed amendment to the Comprehensive Plan would disrupt the land use pattern envisioned by the adopted Plan for this particular area and create a series of impacts on other properties and land uses.
3. The City's circumstances and vision have not changed measurably in any way to support the impact to the Comprehensive Plan that would be effectuated by the proposed amendment.
4. The proposed comprehensive plan amendment would not have a positive impact on the health, safety, and general welfare of the citizens of the community and the surrounding land.

Adopted by the City Council of Inver Grove Heights on this ____ day of _____, 2023.

Ayes:

Nays:

ATTEST:

Brenda Dietrich, Mayor

Rebecca Kiernan, City Clerk

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION APPROVING A COMPREHENSIVE PLAN MAP AMENDMENT TO CHANGE
THE LAND USE DESIGNATION OF APPROXIMATELY 4.5 ACRES FROM PUBLIC
INSTITUTIONAL TO HDR, HIGH DENSITY RESIDENTIAL**

**CASE NO. 23-26CPA
(Stelter Enterprises)**

WHEREAS, an application has been submitted to amend the future land use map in the City of Inver Grove Heights' Comprehensive plan to regulate the land use designation of approximately 4.5 acres from Public Institutional to HDR, High Density Residential for the real property (Property) legally described as;

The southerly 4.5 acres of a total 7.0 acre parcel described as:

The Southeast Quarter of the Southeast Quarter of the Southwest Quarter, except that part taken for State Trunk Highway No. 3 and that end of the west 7.50 feet of the Southwest Quarter of the Southwest Quarter the Southeast Quarter, all in Section 9, Township 27 , Range 22, Dakota County Minnesota.

WHEREAS, an amendment to the City's Comprehensive Plan may be approved by the City Council on an affirmative vote of 4/5ths of the Council per Minn. Stat. Sec. 462.355, subd. 3;

WHEREAS, the City of Inver Grove Heights Planning Commission reviewed the application on June 20, 2023, held a public hearing regarding the application following posted and published notice of the same;

WHEREAS, following a review of the Application, the change to the City's Comprehensive Plan Land Use Plan was found by the City Council to be a positive development direction for this part of the City and have a positive impact on the health, safety, and general welfare of the citizens of the community and the surrounding land.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, that the application for a Comprehensive Plan Map Amendment amending the City's future land use plan to reguide approximately 4.5 acres of the Property from Public Institutional to HDR, High Density Residential is hereby approved subject to the following:

1. The comprehensive plan land use change shall not become effective until reviewed by the Metropolitan Council and rezoning, final plat and final planned unit development plans have been approved by the City Council.
2. The Metropolitan Council shall not require any significant modifications to the comprehensive plan amendment.
3. The Metropolitan Council shall not make a finding that the comprehensive plan amendment has a substantial impact or contain a substantial departure from any metropolitan systems plan.

Adopted by the City Council of Inver Grove Heights on this ____ day of _____, 2023.

Ayes:

Nays:

ATTEST:

Brenda Dietrich, Mayor

Rebecca Kiernan, City Clerk

**RECOMMENDATION TO
CITY OF INVER GROVE HEIGHTS**

TO: Mayor and City Council of Inver Grove Heights

FROM: Planning Commission

DATE: June 20, 2023

SUBJECT: Consider a Comprehensive Plan Amendment to change the future land use on a portion of the property located at 7950 Blaine Avenue from P, Public Institutional to HDR, High Density Residential (Stelter Enterprises-Case No. 23-26CPA).

Reading of Public Notice

Commissioner Weber read the Public Hearing Notice. The notice was mailed to 52 properties on June 1, 2023.

Motion by Heidenreich, Second by Wippermann, to accept the received resident emails and letters onto the agenda and minutes for the meeting.

Ayes: 7

Nays: 0 Motion carried.

Presentation of Request

Associate Planner Botten presented a summary of the staff report that was prepared by City Planner Alan Hunting.

Ms. Botten stated that staff has received 26 emails from residents that had been emailed to the Planning Commissioners earlier today and a hard copy of each email has been provided to each Planning Commissioner as well.

Community Development Director Rand stated that a land use trend has been increasing with churches that have surplus land and have been subdividing. Isn't only a trend in the Twin Cities but throughout the Midwest. This wasn't a trend that was predicted when the Comprehensive Plan was put together five years ago. This is why amendments are being brought to the Commission and Council. Two other churches in Inver Grove Heights have subdivided their properties and built apartments.

Planning Commission Discussion

Commissioner Weber stated that in the City Code it states that in the church properties require a 3-acre minimum requirement and that will be a Variance hurdle in the future. Botten stated that staff has discussed that with the applicant or change how they are splitting the lot. The only issue is that there is a lot of Storm water treatment proposed along that line and it makes sense to include all of it on the apartment property. Weber questioned if the church property lost that land would they have enough impervious surface. Botten stated that would be reviewed when that time comes.

Commissioner Schaefer inquired where the 55 vacant acres guided HDR and the 60 vacant acres guided Mixed Use are available property located within the city. Botten stated that land is within the Northwest Area of Inver Grove Heights that is planned for city water and sewer.

Commissioner Heidenreich inquired if the application is premature since the proposal doesn't meet the requirement of the 3-acre size requirement for the church property. Botten stated that the church does have enough land to make that requirement, depending on where the lot line is drawn. If this item is approved one of the conditions is that the Comprehensive Plan Land Use change does not go into effect until there is a development plan. If the developer is unable to

meet certain requirements, the land use would revert to P, Public. Heidenreich questioned why use this piece of land when other properties are available that are already guided High Density Residential. Botten stated that the applicant can answer that question.

Vice-Chair Clancy inquired if there had been any other proposed uses of the land. Botten stated that there had been no other development requests regarding this piece of land.

Opening of the Public Hearing

Fred Stelter, 14505 43rd Ave N, Plymouth, Applicant, stated that the church presented them with the opportunity to look at this land for development, as the church would like to open a childcare facility, and needs the funds. A couple neighborhood meetings have been held and great feedback from the neighbors residing mostly to the north of the property. The residents to the north shared that they have a lot of grading issues, and a stormwater study was completed to address those concerns and see how they could help if they placed the apartment building in the lower lot and regraded the church lot. It was found that a lot of the residents' concerns could be fixed, and the water could be routed differently. From reading through the resident comments earlier three stuck out, why here, who would be living in the building, and what's the impact on our neighborhood. Why this location, would be because the location of the property being right off Highway 52, is very attractive. It is also set back from the residential properties.

Vice-Chair Clancy questioned if the applicant had looked at any other sites for this sort of use.

Mr. Stelter stated that the location of the site, with Highway 52 next door, isn't an attractive site for low density, but usually used for high density.

Commissioner Weber stated that placing a building on a site that already has water issues in the neighborhood is concerning. Mr. Stelter stated that the water study showed what was going on with the water currently. The water that is now going into the neighborhood, would now go to the stormwater pond.

Commissioner Wippermann questioned who would own and manage the apartment building.

Mr. Stelter stated that is a future decision.

Matt Taufen, 7912 Blanchard Way, stated that a lot of people are opposed to the project, including himself. The decision affects a lot more residents outside of the 350 feet of residents that received the public hearing notice letter. Some neighbors didn't receive a letter and information about the meeting and project was provided to them. The apartment building would not fit in the neighborhood.

Mr. Taufen submitted a letter to the City on Friday, June 16, 2023, that was included in the staff report for the Planning Commission packet.

Gary Pieper, 7956 Blanchard Court, stated that a lot of his questions have already been answered. Doesn't seem like the building will fit on the lot or look good in the neighborhood.

Townhomes or single-family homes would fit better.

Georgia Mueller, 2591 80th Street East, questioned if the developer has done any other developments like the proposed in this area. Is opposed to the apartment building and like the appropriate research to be completed.

Ms. Mueller submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Bruce Onsted, 7915 Blanchard Way, stated that people that rent, have no skin in the game. They don't take care of the area like they would if they owned property. Isn't opposed to having the land developed but would like it to not be rentals.

Jeffrey Eichstadt, 7936 Blanchard Way, questioned if the development would be condos or apartments.

Vice-Chair Clancy stated that what is being reviewed is if the high-density zoning would work on the proposed property. What exactly is going on the property isn't being looked at, it's what would be allowed to go on the property.

Mr. Eichstadt stated that the possibility of bringing criminals to the area and the increase in traffic is concerning.

Mr. Eichstadt submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Jim Douglas, 1595 86th Court East, questioned if the developer has a drawing of what the development would look like. Making such a dramatic change on no specific information. Would like to see the Comprehensive Plan not changed.

Stephanie Taufen, 7912 Blanchard Way, questioned how making such a change is being looked at without having a traffic study completed. The corner of 80th Street and Blaine Ave is very congested, and especially when school is in session or after activities. Would like to see the entire City get notified if a change to the Comprehensive Plan is proposed. If anyone on the Planning Commission are members of the Church, that is a conflict of interest and shouldn't vote.

Alan Shilepsky, 8432 Claymore Court, stated that the Comprehensive Plan was created to plan for specific uses throughout the city. A drastic change from the current zoning of Public Institutional and changing it to the complete opposite to High Density Residential.

Damaris Jugovich, 7948 Blanchard Way, stated that the church would like to open a daycare. Instead of selling the land, could they come up with the money from their congregation.

Ms. Jugovich submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Brittany Skoglund, 7911 Blackstone Ave, stated that traffic and safety concerns that come with high density properties is concerning. Poor visibility to the east on Blaine Avenue and pedestrian accidents that have happened at the intersection is concerning that an increase in traffic would make worse. Questioned if the city resources, Police and Fire, can handle an increase in calls and incidents.

Bruce Onsted, 7915 Blanchard Way, stated that the item should be tabled until there is a better proposal that includes more details and specific building drawings, and driveway locations.

Jerome Jugovich, 7948 Blanchard Way, stated that the church land has always been empty. Stated that the church property needed to be 3 acres, with the proposed, the property would be 2.5 acres. A Variance will be needed in the future. Proposing to place a high density building on land that has current traffic one day a week, the item should be tabled until more specific information is included.

Mr. Jugovich submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Joan Wormer, 7980 Blanchard Court, stated that what the developer is asking isn't allowed, and will need a Variance in the future.

Ms. Wormer submitted a letter to the City on Monday, June 19, 2023, that was emailed and printed for the Planning Commissioners.

Commissioner Heidenreich stated that the Planning Commission is only being asked to make a recommendation to the City Council if the developer can move forward with the requested land use change.

Bruce Bruns, 7610 Banning Way, stated that the noise from Highway 52 has increased from Highway 52. Doesn't like the idea of a large apartment building that will bring in more noise into the neighborhood.

Amelia Tallarini, 2430 96th Street, stated that the grading on the church and surrounding neighborhood properties can be done without building the apartment building.

Joan Robertson, 8153 Cleadis Ave, stated that this sort of decision impacts the entire city. High density residential areas are considered transient areas. There isn't a transition or buffer on the property that is required in the Comprehensive Plan. Would like to see a single level, association neighborhood on this site instead.

Taylor Leslie, 7974 Blanchard Court, stated that they came to the neighborhood for what it is, not for a high-density neighborhood. Works from home and enjoys the quiet area as well.

Keith Schindeldecker, 2391 77th Street East, stated that he isn't happy that the public hearing notice letter was only sent out to residents within the 350 square feet radius of the project.

Would like to see the property stay how it is.

James Leslie, 7974 Blanchard Court, stated that the traffic on Blaine Avenue is busy and that the road is single lane. With the addition of 100-unit building, would the roads get additional work on them to help with the additional use.

Carol Ferry, 7924 Blanchard Way, stated that their neighborhood is close and would not purchase a home near a high-density residential area. Concerned that a study out of Australia has shown that high density areas have a negative health impact on the residents.

Ms. Ferry submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Jim Douglas, 1595 86th Court East, stated that he would like the petitioner to withdraw his petition.

Commissioner Teiken questioned if there was a member of the church in attendance.

Mike Fenton, 7131 Clay Court, stated that he is a member of the church and lives in the community, so has skin in the game. There is a need for high density housing and a need for daycare. The money that will be used from the sale of the property will be used to renovate the church building to get it up to the building code for the daycare. Most of the proposed apartment building will be facing south and west. Not east towards most of the concerned neighbors.

Jerome Jugovich, 7948 Blanchard Way, questioned how much high density residential is currently zoned in Inver Grove Heights.

Vice-Chair Clancy stated that it is about 55 acres of high density residential.

Andrea Hogenson, 7985 Blanchard Way, stated that she's familiar with the need for daycare, but that there are other ways to raise the funds than building an apartment building.

Heidi Onsted, 7915 Blanchard Way, stated that the 100-unit apartment complex could potentially fill the daycare facility and the need for daycare will still be there.

Stephanie Pastirik, 7544 Borman Court, stated that there are a lot of vehicles that speed on Blaine Avenue and 80th Street. The Police Department and Fire Department are already overworked and don't have enough staff. Adding additional vehicles from the apartment building would place added strain.

Ms. Pastirik submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Frank Stelter, Plymouth, MN, Applicant, stated that they own eight apartment buildings. Have completed many projects like the proposed. At some point many people live in apartments and would be cautious, labeling them transient, criminals, or that they wouldn't have a stake in the community.

Ann Marie Nerka, 7935 Blanchard Way, stated that there is concern for the additional vehicles in the area and the current speeding issue and the safety of current residents.

Ms. Nerka submitted a letter to the City on Tuesday, June 20, 2023, that was emailed and printed for the Planning Commissioners.

Karen Waldemarsen, 7910 Blackstone Ave, is concerned that if the neighborhood changes that it could turn into not a very nice area.

Joan Robertson, 8153 Cleadis Ave, stated that there are other properties available to place high density housing, with 55 acres zoned high-density and 60 acres zoned mixed-use. There is enough space to have rental properties.

Planning Commission Discussion

Vice-Chair Clancy stated that he is hesitant to make the change from Public to High Density Residential but is curious to hear what the other Commissioners have to say.

Commissioner Weber stated that he has multiple concerns. Making the blanket change is not supported due to the fact that multiple proposed factors would also need Variances and/or Conditional Use Permits in the future and seems premature without hard plans.

Commissioner Schaefer stated that making a change to residential could make sense but the change to High Density Residential is too far and would change the characteristics of the existing neighborhood, there would be no buffer. Would be too big of a change for the area.

Commissioner Wippermann stated that the change would be too significant to the character of the neighborhood. Is not in favor of the proposed change. Commissioner Teiken stated that he is in support of the application. Research found that there is a housing vacancy shortage in Inver Grove Heights and there really is a daycare shortage. This location is so close to amenities that the City has to offer, vehicles may not always be used.

Commissioner Twedt stated that he does not support the change. Seems too drastic, there isn't a buffer.

Commissioner Weber stated that if the demands were so high for this sort of housing, the developers would be getting the buildings up. There are projects that have been approved that have yet to break ground.

Commissioner Teiken stated that when The Crossings opened, filled up very fast. Also, this is still one piece of more applications that would need to be brought before the Planning Commission and City Council.

Planning Commission Recommendation

Motion by Weber, Second by Twedt, to Deny the request for a Comprehensive Plan Amendment to change the future land use on a portion of the property from P, Public Institutional to HDR, High Density Residential based on the fact that it doesn't meet certain criteria listed in the City Code and there isn't enough information from the developer on the specifics of the development.

Ayes: 6

Nays: 1 Teiken. Motion carried. Item tentatively goes before City Council July 10, 2023.



Planning Commission Report

MEETING DATE:	June 20, 2023
CASE NO:	23-26CPA
APPLICANT:	Stelter Enterprises, LLC
PROPERTY OWNER:	Grace Church of the Nazarene
REQUEST:	Comprehensive Plan Amendment to change Land Use from Public Institutional to High Density Residential.
LOCATION:	7950 Blaine Avenue
COMPREHENSIVE PLAN:	Public Institutional
ZONING:	P, Institutional
STAFF CONTACT:	Allan Hunting, 651.450.2554

ACTION REQUESTED

Comprehensive Plan Amendment to change the Land Use from Public/Institutional to HDR, High Density Residential.

BACKGROUND

The applicant is proposing to change a portion of the Grace Church of the Nazarene parcel from Public Institutional to High Density Residential. The plan would be to develop approximately 4.5 acres of the total 7.0 acre parcel with a market rate apartment building of about 100 units.

A sketch plan has been provided showing the apartment building located on the southern half of the site. Access would be from Blaine Avenue at a location across from Blanchard Way. No further details have been provided, nor are they required for this Comprehensive Plan Amendment application.

If the Comprehensive Plan Amendment is successful, an application for Rezoning, Platting and a Conditional Use Permit will be required before development can occur. This later process provides for public review and comment on the actual site plan.

SURROUNDING USES

The subject property is surrounded by:

North:	Single family homes & Church building	Zoned: R-1C, Single-Family Residential	Guided: LDR, Low Density Residential
East:	Single family homes	Zoned: R-1C, Single-Family Residential	Guided: LDR, Low Density Residential
West:	Highway 52		
South:	Community College	Zoned: P, Public	Guided: Public/Institutional

EVALUATION OF REQUEST

Comprehensive Plan Amendment

The subject parcel is currently guided Public/Institutional.

Public/Institutional is defined in the 2040 Comprehensive Plan as:

“Uses categorized as Public/Institutional include a number of different types of public and semi-public uses. Most of the institutional land in Inver Grove Heights is developed land occupied by public or private schools, religious institutions, or facilities associated with the government, such as City Hall, Veterans Memorial Community Center, state or county facilities.”

The applicant is proposing to change the land use designation of approximately 4.5 acres of the 7.0 acre parcel to HDR, High Density Residential (12-35 units/acre). The concept submitted is a +/- 100 unit market rate apartment building.

HDR, High Density Residential is defined in the 2040 Comprehensive Plan as:

“Areas designated as High Density Residential are intended to accommodate multi-family housing at densities exceeding 12 units per net acre. Uses in this category will be principally limited to higher density apartment or condominium buildings for either general occupancy or for specific segments of the population such as senior housing.”

The property is located within the Established Development Area as defined in the 2040 Comprehensive Plan. The area is generally from the northern boundary of the city to Babcock Trail on the west and as far south as the Arbor Pointe PUD (Highway 55 and Concord Boulevard, and to the river to the east). Established areas represent portions of the community which are mostly built out. Policy directions focus on preservation and maintenance of existing neighborhoods.

Established Development Area Policies include:

1. Allow infill development in a manner that protects the character of existing residential neighborhoods.
2. Maintain a circulation system that connects neighborhood areas while emphasizing a system of collector roadways to accommodate vehicular movements.
3. Provide a broad range of housing opportunities.
4. Ensure that new development areas are compatible in size and scale with existing, adjacent neighborhoods.
5. Provide appropriate buffers to allow density transitions and to accommodate a range of housing types.
6. Promote programs and adopt and enforce codes that encourage the maintenance of the existing housing stock.
7. Encourage rehabilitation of deteriorating housing stock.
8. Conduct long term planning to ensure existing neighborhood infrastructure is well maintained and reliable.
9. Disperse affordable housing throughout the area rather than creating concentrations in specific locations.
10. Reflect the history and character of existing residential neighborhoods in future infill development within those neighborhoods.
11. Provide commercial services that are convenient to neighborhoods.

12. Work closely with the school districts within the City to ensure the local school facilities are properly maintained, sustainable and serve as gathering spaces for neighborhoods.
13. Continually monitor the vitality and viability of existing commercial nodes and encourage the integration of supporting residential uses where necessary.
14. The City will continue to support the R-4 Mobile Home Park Zoning District that was established for mobile home park developments.

The main issue is what is the most appropriate future land use for the property. The following discussion addresses some of the issues that Staff has raised regarding the land use change.

Existing Uses.

The area is developed with single family properties to the north and east and college and government uses to the south. The site is also bounded by Highway 52 on the west and fronts County Road 28 (80th Street), both high volume arterial roads.

The following provides some rationale for approval and denial of the proposed land use change.

RATIONAL FOR THE LAND USE CHANGE

- The southern half of the site is primarily vacant. Some of the parking lot extends into this area and there is a small community garden on the west side. The current church access is on the southern half of the site. Beyond this, the southern portion is excess land owned by the church and could be used for a higher and better use.
- Typical residential land use patterns are designed around placing higher-density residential areas along major roadways and then transition densities from high to low as you move geographically away from the high volume roads. The area requested for a Comprehensive Plan change is along two higher volume roads. This corner would be a typical location for an apartment building. The density pattern of the area transitions away from the corner into lower-density single-family homes.
- The location is generally at the lowest point on the lot which is 20+ feet lower than the church elevation and 10-15 feet lower than the homes to the east. The homes to the north are approximately 20-30 feet lower than the church elevation. The general first floor elevation of the proposed apartment building would sit lower than the houses to the east and the church.
- There appears to be a need and demand for higher density and apartment housing in the city. The Crossings apartment building and townhomes, to the west on 80th Street have been fully leased in a very short period of time since they were completed.
- Consistent with the policy of providing a broad range of housing opportunities.
- Provides a transition and buffer from the higher volume streets in the area (Highway 52) to the single family properties to the east.

RATIONALE AGAINST THE LAND USE CHANGE

- The surrounding neighborhoods on the east side of Highway 52 are predominantly single-family properties. There is a large area of townhome development to the north and east (east side of Blaine Avenue and 78th Street). There are no apartment buildings or high-density projects in this area of the city.
- There are approximately 55 vacant acres guided HDR, High Density Residential and 60 vacant acres guided Mixed Use. The Comprehensive Plan anticipates this amount of land to be absorbed through 2040.

- Would not be consistent with the policy of allowing infill development that protects the character of the neighborhood. The project would be a departure from single family development and density, which is the primary land use in the area. Could be considered out of character for the neighborhood.
- The project would not appear to be compatible in size and scale with the existing, adjacent neighborhood. This would be the only apartment building in this area of the city and a multi-story building would appear out of character in terms of size and bulk.
- Could be considered an abrupt change in density that provides a different housing type not found in the area.

ALTERNATIVES

The Planning Commission has the following alternatives available for the proposed request:

A. Approval. If the Planning Commission finds the application acceptable, the Commission should make the following recommendation:

Approving the Comprehensive Plan Amendment change from Public/Institutional to HDR, High Density Residential subject to the following conditions:

1. The Metropolitan Council shall not require any significant modifications to the Comprehensive Plan Amendment.
2. The Metropolitan Council shall not make a finding that the Comprehensive Plan Amendment has a substantial impact or contains a substantial departure from any metropolitan systems plan.
3. The Comprehensive Plan land use change shall not become effective until a Rezoning and Development Plan has been approved by the City Council.

B. Denial. If the Planning Commission does not favor the Comprehensive Plan Amendment, a recommendation of denial should be forwarded to the City Council. With a recommendation of denial, findings or the basis for the denial should be given.

RECOMMENDATION

The primary question to answer is a change to High Density Residential, a benefit to the city, and if so, should the land use plan be changed for the parcel?

The City Council has raised concerns in the past regarding high density apartment projects and if additional land should be reguided to multiple family.

The Planning Commission is asked to make a recommendation to the City Council on this land use change request.

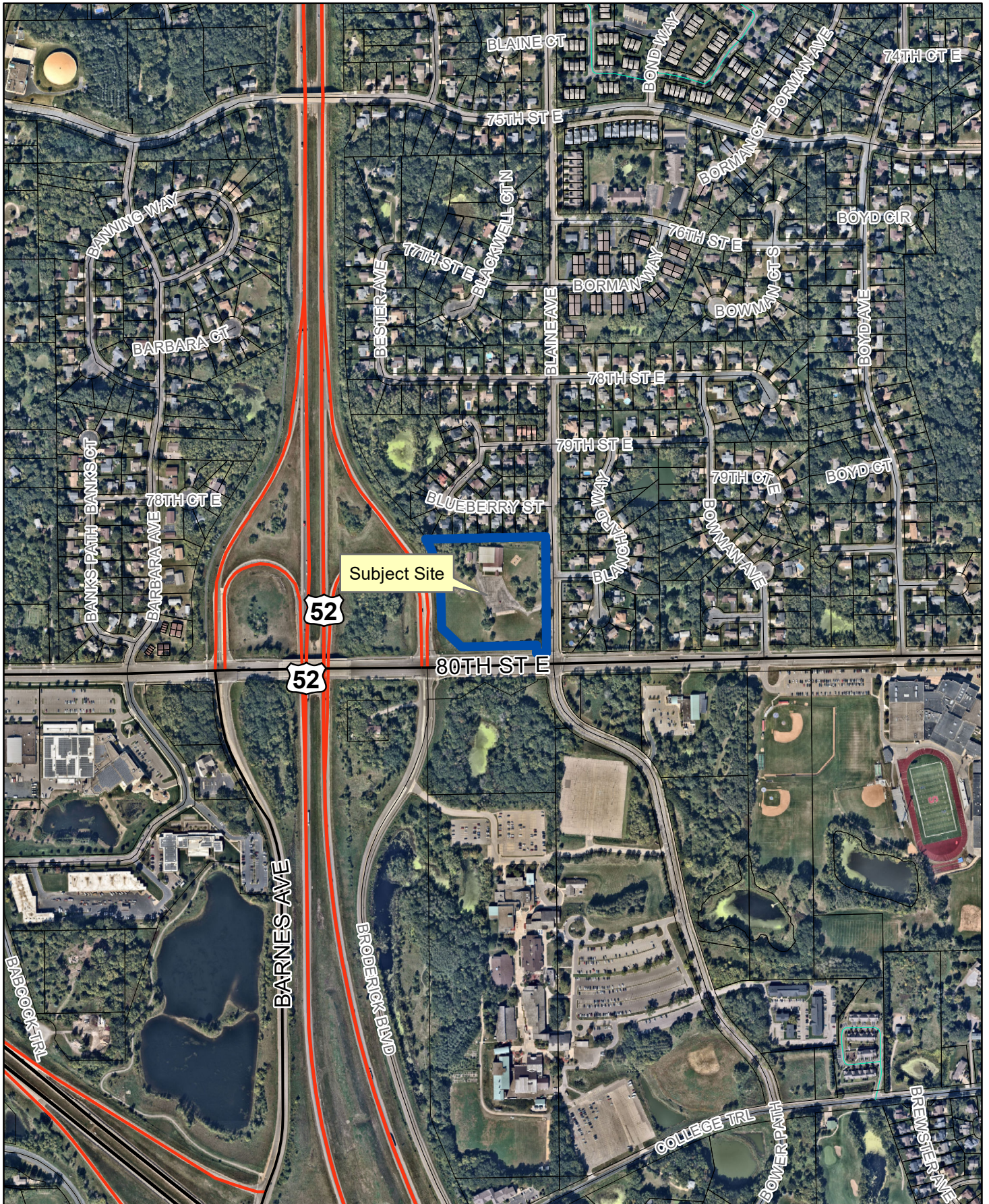
ATTACHMENTS

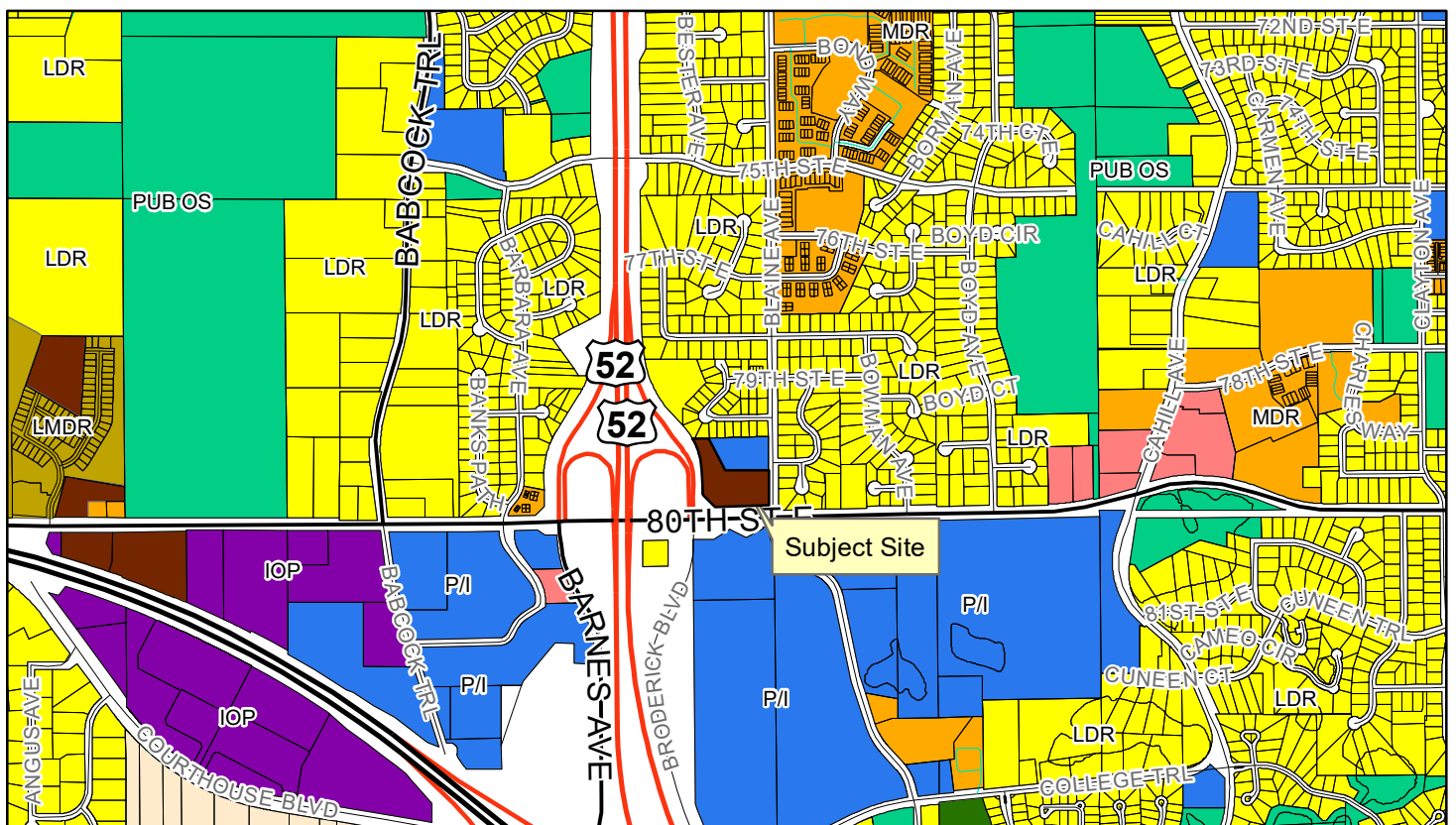
1. Location Map
2. Existing / Proposed Comprehensive Plan Map
3. Applicant Narrative & Concept Plan
4. Resident Emails



Location Map

Case No. 23-26CPA





Stelter Enterprises LLC ("Stelter Enterprises") is requesting an amendment to the city of Inver Grove Heights' 2040 Comprehensive plan. The proposed amendment would re-guide the parcel owned by Grace Church of the Nazarene (Church) located at 7950 Blaine Ave E. (Parcel) from Public Institutional to HDR, High Density Residential, to make the guiding consistent with their plans to develop a +/- 100 unit market rate apartment building on approx. 4.5 acres on the southwesterly portion of the Parcel.

Stelter Enterprises has agreed to terms with the Church and a purchase agreement has been executed. Stelter Enterprises believes that re-guiding this Parcel to HDR in support of Stelter Enterprise's project will provide significant community benefits including the apartment building bolstering the tax base from converting a portion of the Parcel from a tax-exempt status and allowing for the funding necessary for the Church to add a daycare center in their existing building which is needed in the community.

We continue to see a high level of demand for apartment space in the metro area broadly and in the SE submarket (which includes Inver Grove Heights) specifically. This project will appeal to renters who desire easy access to Hwy 52 and the surrounding shopping and other services available in the area.

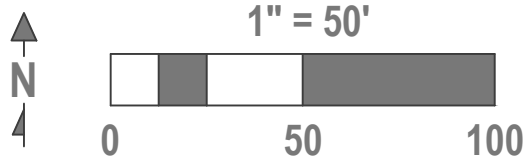
The Minneapolis - St. Paul market is home for Stelter Enterprises and we take pride in working with Churches and other organizations in helping them develop all or portions of their properties. We recently completed a similar project obtaining approval for a Suite Living Senior Care facility on a portion of the Pilgrim Methodist Church site in Plymouth. As another example, we are also currently assisting the owner of an African grocery store in Brooklyn Park to develop a site for a new mixed use building that will feature approx. 20,000 sq. ft. of commercial space for the grocery store and other businesses and approx. 100 market rate apartment units above.

Overall, we enjoy working with cities, our clients and other stakeholders to bring challenging projects to fruition. This Parcel has some particular challenges with existing storm water run-off affecting the neighbors to the north. To address this issue head on, we commissioned a storm water study and believe those issues have been addressed in such a way that it will provide very substantial benefit of reduced run-off affecting the neighbors should the project move forward. We have presented those results to the City as well as the affected neighbors and are pleased by the positive response to our concept plan.



Overall Property Description

The Southeast Quarter of the Southeast Quarter of the Southwest Quarter of Section 9, Township 27, Range 22, Dakota County, Minnesota, EXCEPT that part thereof taken for State Trunk Highway Number 3 (now known as State Trunk Highway Number 103).



DRAWINGS BY	
 Land & Resource Consulting 14260 23rd Ave N Plymouth, MN Phone: 763-340-0699	
DRAWINGS FOR	
Stelter Street Address City, ST Zip code Phone: XXX-XXX-XXXX	
PROJECT	
Multi Unit Residential Inver Grove Heights, MN	
CERTIFICATION	
PRELIMINARY NOT FOR CONSTRUCTION	
ISSUED FOR	
ISSUE / REVISION	DATE
Submittal Name	mm dd yyyy
SUBMITTAL INFO	
Review By: Name / Initials Project # : 23003 Submittal Date: 05-22-2023 Submittal Phase: Exhibit	
SHEET TITLE	
Lot Split	
SHEET NUMBER	
2.0 Copyright Land & Resource Consulting	

From: [Mike & Ruth Newbauer](#)
To: [Stacy Bodsberg](#)
Subject: 7950 Blaine Ave - Rezoning - Case No. 23-26CPA
Date: Thursday, June 8, 2023 9:26:47 AM

Dear Stacy,

My name is Michael Newbauer and I live at 7930 Blanchard Way. We purchased our lot and built our home to be in a neighborhood. We do not want a large apartment building as a neighbor. We and the other home owners take pride in our homes and are willing to help each other out. By putting in an apartment building in, you bring in residents that don't have to take any pride in the neighborhood and will probably bring our property values down. I personally don't think that every piece of open land has to be built on. Someone will be making a lot of money at our expense, I'm sure the owner will not be living there. Was the property already rezoned when they put the church in? I don't believe that it should be changed. Please leave our neighborhood as is.

Thank you,
Michael and Ruth Newbauer

Sent from my iPad

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

From: [Brian Hogenson](#)
To: [Stacy Bodsberg](#)
Cc: [Andrea Hogenson](#)
Subject: Public Comments: STELTER ENTERPRISES - CASE NO. 23-26CPA
Date: Thursday, June 8, 2023 4:02:30 PM

Stacy,

I live immediately adjacent to the property in question (7985 Blanchard Way) and my comments/questions are as follows:

- What is the expected impact on traffic volume?
- Has any consideration been given to adding a turn lane(s) on Blaine Avenue going into the property to prevent backups that block access to Blanchard Way?

Thank you,

Brian Hogenson

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

From: [Matt Taufen](#)
To: [Stacy Bodsberg](#)
Cc: joe.atkins@co.dakota.mn.us
Subject: Stelter Enterprises - Case No. 23-26CPA
Date: Friday, June 16, 2023 12:07:24 PM

Inver Grove Heights Planning Commission,

I adamantly oppose the proposal to re-guide/re-zone the Grace Nazarene Church property to build High Density Residential housing (apartments!!). I'm hopeful this is not truly being considered by the Planning Commission and that you are only going through necessary due diligence.

I moved to this area (Blaine and Borman Way) in IGH at 10 years old. I attended Salem Hills, and graduated from Simley. After college at UMD and a short stint in my first home in SSP, I built my family's forever-home on Blanchard way (immediately adjacent to the Grace Nazarene property. I wanted my children to grow up in the single-family bedroom community area of IGH as I did. My son and daughter attended Hilltop where my wife Stephanie has taught for 25 years. Both kids graduated Spartans and call IGH their home today as well.

Please do me and this community a favor and drive east to west on 80th street, then south to north on Blaine and see for yourself how extremely out of place an apartment building/complex would be in this area. During your drive look closely at the trees, the skyline, the homes, and put yourself in the mindset of the people who live in this area. While doing this, you no-doubt will see this proposal absolutely does not make sense!

There are zero apartment complexes in the heart of Inver Grove Heights' established neighborhoods, and one should never be in IGH's future plans. IGH has adequate lands available along highway 55 and other areas where multi-family, multi-level, and high-density homes exist today.

I understand Grace Nazarene is looking to sell and something will need to take it's place. My parents lived at 7620 Borman Way just down the street from Grace their entire adult lives. At 74 and 76 years old they looked in IGH for modern single-level detached townhomes to no avail. They moved out of IGH to find one. Please engage developers of new single-level, single family home associations so we can keep our resident aging parents, who are not ready for assisted living, nearby.

The IGH community was built at different times over many years with different faces on our Planning Commission. This left four largely disjointed business districts, meaningful pockets of single-family homes, townhomes, elderly care, and apartments; with only a few parcels of land still available for development. In the greater context of Inver Grove Heights' future, please place the final pieces of this puzzle, IGH, my family forever home in a meaningful way!!

Sincerely,
Matt Taufen

7912 Blanchard Way, IGH 55076
763-370-3976
matttaufen@gmail.com

From: [Mike & Ruth Newbauer](#)
To: [Stacy Bodsberg](#)
Subject: 7950 Blaine Ave - Rezoning - Case No. 23-26CPA
Date: Thursday, June 8, 2023 9:26:47 AM

Dear Stacy,

My name is Michael Newbauer and I live at 7930 Blanchard Way. We purchased our lot and built our home to be in a neighborhood. We do not want a large apartment building as a neighbor. We and the other home owners take pride in our homes and are willing to help each other out. By putting in an apartment building in, you bring in residents that don't have to take any pride in the neighborhood and will probably bring our property values down. I personally don't think that every piece of open land has to be built on. Someone will be making a lot of money at our expense, I'm sure the owner will not be living there. Was the property already rezoned when they put the church in? I don't believe that it should be changed. Please leave our neighborhood as is.

Thank you,
Michael and Ruth Newbauer

Sent from my iPad

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From: [Brian Hogenson](#)
To: [Stacy Bodsberg](#)
Cc: [Andrea Hogenson](#)
Subject: Public Comments: STELTER ENTERPRISES - CASE NO. 23-26CPA
Date: Thursday, June 8, 2023 4:02:30 PM

Stacy,

I live immediately adjacent to the property in question (7985 Blanchard Way) and my comments/questions are as follows:

- What is the expected impact on traffic volume?
- Has any consideration been given to adding a turn lane(s) on Blaine Avenue going into the property to prevent backups that block access to Blanchard Way?

Thank you,

Brian Hogenson

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From: [Matt Taufen](#)
To: [Stacy Bodsberg](#)
Cc: joe.atkins@co.dakota.mn.us
Subject: Stelter Enterprises - Case No. 23-26CPA
Date: Friday, June 16, 2023 12:07:24 PM

Inver Grove Heights Planning Commission,

I adamantly oppose the proposal to re-guide/re-zone the Grace Nazarene Church property to build High Density Residential housing (apartments!!). I'm hopeful this is not truly being considered by the Planning Commission and that you are only going through necessary due diligence.

I moved to this area (Blaine and Borman Way) in IGH at 10 years old. I attended Salem Hills, and graduated from Simley. After college at UMD and a short stint in my first home in SSP, I built my family's forever-home on Blanchard way (immediately adjacent to the Grace Nazarene property. I wanted my children to grow up in the single-family bedroom community area of IGH as I did. My son and daughter attended Hilltop where my wife Stephanie has taught for 25 years. Both kids graduated Spartans and call IGH their home today as well.

Please do me and this community a favor and drive east to west on 80th street, then south to north on Blaine and see for yourself how extremely out of place an apartment building/complex would be in this area. During your drive look closely at the trees, the skyline, the homes, and put yourself in the mindset of the people who live in this area. While doing this, you no-doubt will see this proposal absolutely does not make sense!

There are zero apartment complexes in the heart of Inver Grove Heights' established neighborhoods, and one should never be in IGH's future plans. IGH has adequate lands available along highway 55 and other areas where multi-family, multi-level, and high-density homes exist today.

I understand Grace Nazarene is looking to sell and something will need to take it's place. My parents lived at 7620 Borman Way just down the street from Grace their entire adult lives. At 74 and 76 years old they looked in IGH for modern single-level detached townhomes to no avail. They moved out of IGH to find one. Please engage developers of new single-level, single family home associations so we can keep our resident aging parents, who are not ready for assisted living, nearby.

The IGH community was built at different times over many years with different faces on our Planning Commission. This left four largely disjointed business districts, meaningful pockets of single-family homes, townhomes, elderly care, and apartments; with only a few parcels of land still available for development. In the greater context of Inver Grove Heights' future, please place the final pieces of this puzzle, IGH, my family forever home in a meaningful way!!

Sincerely,
Matt Taufen

7912 Blanchard Way, IGH 55076
763-370-3976
matttaufen@gmail.com

From: [Beth Gruenke](#)
To: [Stacy Bodsberg](#)
Subject: Planning for 7950 Blaine Ave
Date: Tuesday, June 20, 2023 1:28:12 PM

To Whom It May Concern,

I'm a resident at 2660 Boudreau court. Our backyard is 80th and the amount of traffic on the road is quite large. I'm worried that traffic will increase with more housing on Blaine. I want to make sure a safe plan is in place when increasing the number of residents in an area.

If IGH is adding more housing what other resources are we adding? Will there be more money for school staff? Will more social workers and police officers be available in the city? When housing is added more human needs are added and I hope we are providing resources and opportunities for those who are living here and want to live here in the future.

Thank you,
Beth Gruenke

Sent from my iPhone

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From: [Carol Ferry](#)
To: [Stacy Bodsberg](#)
Subject: Planning Commission Meeting - Stelter Enterprises - case no. 23-26CPA
Date: Tuesday, June 20, 2023 12:59:35 PM

Dear Stacy,

I have been a resident of Inver Grove Heights for 14 years and love this city for the small town feel within a major metropolitan area. Specifically the tight community on Blanchard Way that I have been lucky to call home for the last 10 years.

Unfortunately the proposed Zoning change for Grace Church of the Nazarene from P, Public Institutional to HDR High Density Residential has me very concerned. Adding a 100+ apartment complex at the exit of my neighborhood will have negative affects on traffic, noise, infrastructure, and market value of my home. HDR communities also tend to have increased crime rates. If the proposal was at the end of your neighborhood would you want it?

I respectfully request that the rezoning of the property to HDR be denied and that other options be reviewed.

Thank you for your time.

Carol E. Ferry

7924 Blanchard Way, Inver Grove Heights, MN

Sent from [Mail](#) for Windows

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From: [Jennifer Farley](#)
To: [Stacy Bodsberg](#)
Subject: Regarding the request for rezoning at 80th and Blaine
Date: Tuesday, June 20, 2023 1:36:31 PM

To the Planning Commission:

My name is Jennifer Farley and I live on Blackwell Court S, just about 4 city blocks north of the parcel in question for consideration of rezoning tonight.

As part of the committees due diligence regarding the IGH citizens feeling on this issue, I highly urge the committee to look at Joe Atkins Dakota County Commissioner Facebook page and see the results of the informal poll that Joe put out posing this question of rezoning for an apartment complex to the community. I have never seen this much engagement on one of these informal polls before this one. There were over 200 responses vehemently against the apartment complex within the first 2 hours it was posted alone. The overwhelming amount of responses do not favor a 100 +/- unit apartment complex in that location. This should factor into the decision.

Because of the turn lane on 80th on that corner, the only entrance in or out of an apartment complex would be on Blaine Avenue and to increase the traffic flow by that many extra cars would, in my opinion, be detrimental to the quiet nature of the neighborhood which is one big reason we purchased our home here.

We also just completed a large apartment complex about a mile down the road on 80th. Do we really need another complex of this scale so close by? In my opinion the answer is no.

80th was recently redone to reduce traffic flow in front of the high school to improve safety of our students crossing there. I'm concerned another hundred unit apartment complex with increased traffic flow will affect the safety of our students.

I'm not opposed to rezoning in general for new rental housing. Allow a neighborhood of single family home for rent, allow a tasteful row of townhomes for rent, but please do not allow a 100+ unit high rise to be built here.

Thank you,
Jennifer Farley

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From: lmbartlette@q.com
To: [Stacy Bodsberg](#)
Cc: Joe.Atkins@co.dakota.mn.us
Subject: Grace Nazarene Re-zoning
Date: Tuesday, June 20, 2023 3:49:56 PM

6/20/2023

Inver Grove Heights Planning Commission,

I am writing to let you know we vehemently oppose the re-zoning of the Grace Nazarene Church property to build High Density housing. This would not serve the community at this location as it is already a busy area and can be a hazard with the incline approaching the intersection and not seeing vehicles or pedestrians. If you add another 100+ people to this corner daily, I am afraid it could be very detrimental to the neighborhood.

I have lived in Inver Grove Heights for 37 years and 25 of them with my husband raising our 4 children. There are no apartment complexes in the heart of established single-family homes in Inver Grove Heights and that is how it should stay. There are other areas of Inver Grove that are available and already have High Density housing. It would make much more sense to search out those properties. We rely on the City's Comprehensive Guide Plan to keep our neighborhoods just that, neighborhoods. Must we develop every square inch of green space? That is why we have loved living here; it is a quiet neighborhood with lots of trees and nature. Please leave it that way for all to enjoy.

In the greater good of the city, please do not allow this property to be re-zoned in this fashion.

Thank you,

Lynda Bartlette

Lynda Bartlette – 2615 79th St. E. IGH 55076 – 651-341-3526 - lmbartlette@Q.com

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From: [tvener](#)
To: [Stacy Bodsberg](#)
Subject: Public Comments: STELTER ENTERPRISES - CASE NO. 23-26CPA
Date: Tuesday, June 20, 2023 3:12:40 PM

Inver Grove Heights Planning Commission,

I am writing to express my opposition to the proposal of rezoning the Grace Nazarene Church property, which is currently zoned as Public/Institutional, to High Density Residential (HDR) property.

Like many other residents, I have lived or worked in Inver Grove Heights for decades, and was drawn to the area because of the rural, small town feel that it offers. Lots of trees, "country roads" and farm fields. I know that progress happens, and we have seen that, but the changes to the current zoning that have been requested and considered lately are changing the way we as a City decided to move forward. There has been a number of cases come up in the last couple of years involving rezoning property for the sake of progress, but it feels more like it is driven by Developers, and it's coming at the expense of homeowners that chose to buy here because of the current zoning or the rural properties. We like that it's not crowded and overpopulated, that's why we chose to live here rather than St. Paul or Minneapolis.

I live off of Babcock and 70th, and am seeing a number of requests for zoning changes to the area that are concerning, including this one. We do not need additional HDR, with all the new developments currently being built in the City. Increased traffic levels, environmental degradation, lower property values and the aesthetics of these types of buildings all need to be considered.

I respectfully ask that you deny this proposal.

Regards,

TVener

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Joe & Donna Remachel

2515 - 78 St East I.G.H. MN 55076

Not in FAVOR of Land Change at,
7950 - BLAINE Ave. To - much Cor.
Traffic now on Blaine now. at night
Speeding after 11:30 PM.

From: [Brian and Joy Hayes](#)
To: [Stacy Bodsberg](#)
Subject: Opposition to Grace Nazarene rezoning - 80th and Blaine - Stelter Enterprises-Case No. 23-26CPA
Date: Tuesday, June 20, 2023 8:23:08 AM

Stacy,

We are in opposition of rezoning the Grace Nazarene property located on 80th and Blaine and building apartments, for the following reasons:

1. It is contrary to the City of IGH Comprehensive plan. It will make the neighborhood busier, noisier and less safe. Thus decreasing our property value.
2. It will add at least 500 in and out vehicles per day to our neighborhood. (~100 housing units x 2 cars each x 2 times per day + 50 day care x 2 = 500 per day or 500 x 7=3500 per week). Note that the existing use is about 100 in and outs per week. This new proposal is a 35 times increase in traffic in our neighborhood. This new traffic would be happening on a daily basis – every day.
3. This many vehicles has not been properly planned for and will reduce our walking and driving safety.
4. This many vehicles will increase noise and other negative elements to our quiet neighborhood.

We are also concerned about what happens if the day care does not work out. What “other “ business could we get in this case that would be more detrimental to our neighborhood?

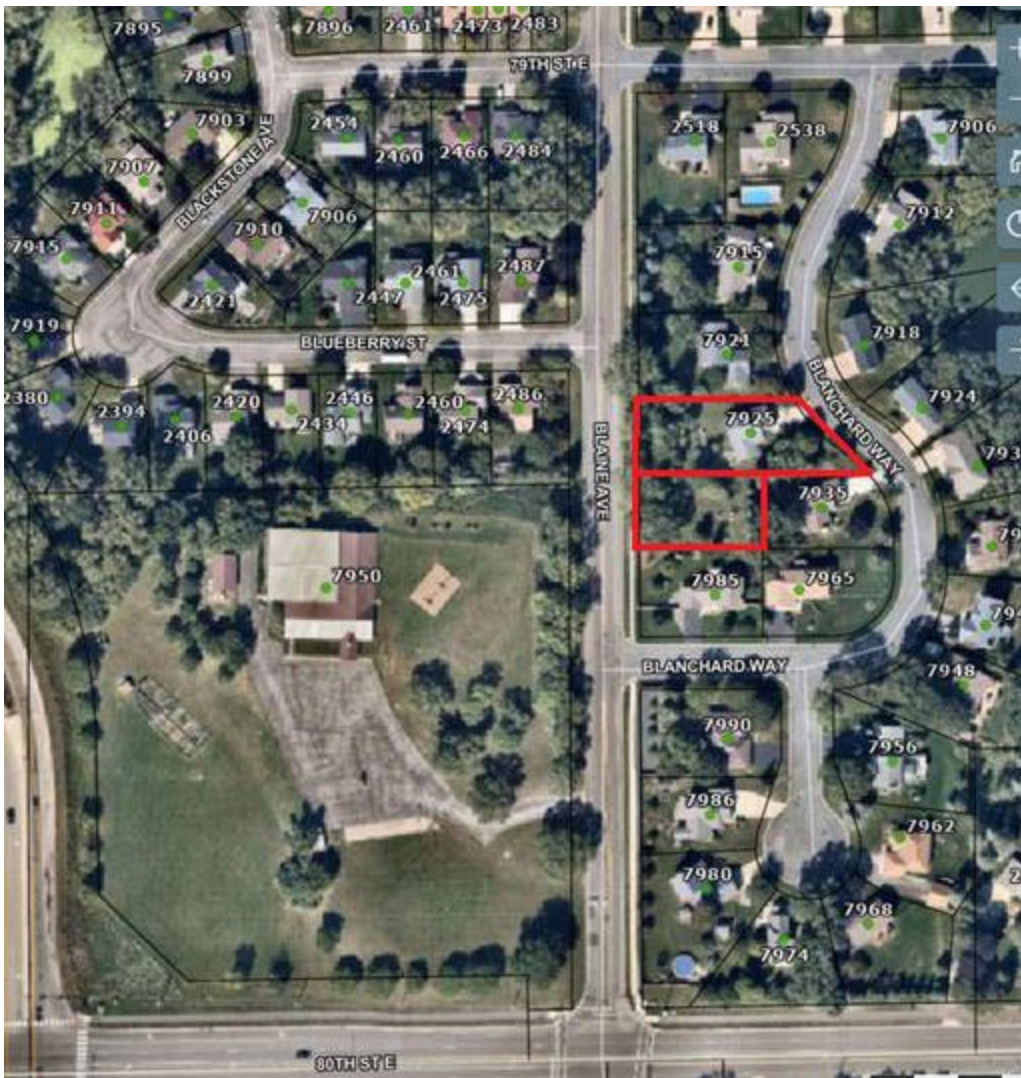
The group of people proposing this development likely don’t live in our neighborhood (and some don’t even live in Inver Grove Heights), thus have no consequences from the negative impacts of this decision. Please listen to the neighborhood residents who are opposing the rezoning, like ourselves.

Please note that the back of our lot is on Blaine, directly across from this new development and one lot away from the proposed exit of this development. Thus our property will be significantly impacted by this proposed traffic and noise. (We have 2 lots: ~7935 Blaine Ave and 7925 Blanchard Way)

Please contact us if there is an opportunity to have input in other ways.

Thoughtfully,

Brian and Joy Hayes
7925 Blanchard Way
Inver Grove Heights, MN 55076
651-247-8770
651-206-0260



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From: [Jerome Jugovich](#)
To: [Stacy Bodsberg](#)
Subject: Opposition to Rezoning of Property owned by Grace Nazarene Church
Date: Tuesday, June 20, 2023 6:03:12 AM

Hello Stacy

I am writing you to voice my opposition to the rezoning of the property owned by Grace Nazarene Church. I live right across the street from this property and have lived here for over thirty years.

To rezone to allow an apartment complex to be built is just unfair to the people who live nearby. If this was to be rezoned to residential that would be one thing and I could understand.

The volume of traffic will increase by a huge amount. Our property values will be diminished.

I hope that the City Comprehensive Guide Plan is followed and does not rezone this. From the churches perspective I am sure they are all for this but how many of the people who are for it live next to the property?

So please do not allow for the greed of a developer to ruin our neighborhood.

If the church wants to add a daycare they should look to other ways to generate the money to do this.

Thanks for your time and consideration in this matter

Jerome and Damaris Jugovich
7948 Blanchard Way
Inver Grove Heights MN 55076

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From: [Ann Nerka](#)
To: [Stacy Bodsberg](#)
Subject: Grace Nazarene Church Apartment Proposal
Date: Monday, June 19, 2023 8:49:33 PM

To the IGH Planning Commission and Council Members

We are writing to express our thoughts and concerns regarding the rezoning proposal put forth by Grace Nazarene. We have owned our home on Blanchard Way for the past 32 years and plan on continuing to live here. As close neighbors to the proximity of Grace Nazarene Church, we have always appreciated the careful upkeep of their property and inclusion in their events. Since receiving the recent rezoning notice from the City of IGH we have some strong feelings and are opposed to the construction of a multi-family apartment complex. We live in a residential neighborhood made up of single family homes. We have made a considerable investment in our home and strive to sustain our property at a high level. We believe the City's Comprehensive Guide Plan has this property zoned for church use only. If apartments were to be built we feel our property value would decrease, traffic in the vicinity would increase, along with noise and possible safety concerns for the families in our neighborhood.

Please take into consideration our thoughts and concerns as you evaluate and decide on the rezoning proposal.

Sincerely,

Ann Marie and Don Nerka
7935 Blanchard Way, IGH

Sent from my iPad

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From: [Tammy.R.Robertson](#)
To: [Stacy Bodsberg](#)
Subject: Letter of Opposition to Re-Zoning Request for at 7950 Blaine Case Number 23-26CPA
Date: Monday, June 19, 2023 7:35:28 PM
Importance: High

To whom it may concern,

I am writing in opposition to the requested zoning change at 7950 Blaine Avenue from Public Institutional to High Density Residential. My primary reasons for opposition include:

- **Why here?**
 - 55 acres are already designated for high density residential in the city of Inver Grove Heights, therefore there's no compelling reason for high density residential at this location.
- **"Luxury" and "market rate"?**
 - If we changed the zone to high density we have no control over whether the high density ultimately is "luxury."
- **Unsafe Traffic.**
 - If there 100 units and two people rented each unit – that would equal at minimum 200 people in the complex. With that tiny driveway leading to 80th and Blaine, that would cause major traffic issues in an already busy area within the city. Has a traffic study been conducted? If so, what were the results? Our assumption is that it would create a congested and unsafe environment for our citizens.

My name is Emma Robertson, I am 11 years old and will be attending Simley Middle School in the fall. I plan to walk to school and am concerned the additional traffic will impact and potentially create an unsafe space for me to walk to school each day.

Also, I find it confusing that they are putting an apartment by Single Family Homes. I totally support the fact of funding the daycare, though we have to think of the families. This may create a dangerous space.

Thank you for your time.

Sincerely,

Emma Robertson (age 11)

From: [Karen EICHSTADT](#)
To: [Stacy Bodsberg](#)
Subject: Possible New Development
Date: Monday, June 19, 2023 8:08:44 PM

To the Planning Commission and IGH City Council,

I'm opposed to the planned new development at the corner of 80th Street and Blaine.

Jeff Eichstadt
7936 Blanchard Way

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From: [joan wormer](#)
To: [Stacy Bodsberg](#)
Subject: Case No 23-26CPA
Date: Monday, June 19, 2023 8:20:42 PM

Hello Stacy,

I am concerned about the proposal for the new apartment complex at 80th Street and Blaine Avenue.

The daily increase in traffic has me concerned. It will directly affect me, my family, and my neighbors.

Secondly, the proposal is going to rezone my neighborhood. Thus, it will decrease my home value.

I am against this proposal.

Thank you
Joan Wormer
7980 Blanchard Ct, Inver Grove Heights, MN 55076

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From: [Robert Deeb](#)
To: [Stacy Bodsberg](#)
Subject: Public Comments - 7950 Blaine Ave - Rezoning - Case No. 23-26CPA
Date: Monday, June 19, 2023 9:59:30 AM

Stacy,

I am writing this email as a concerned IGH resident and business owner regarding the proposed rezoning of 7950 Blaine Ave.

To sum, in my opinion, the rezoning and development would be considerably out of place given the surrounding property types and neighborhood, and if approved, would prioritize Stelter Enterprise's and Grace Church's profitability at the expense of the surrounding area. Instead, I believe that a lower density development would still allow for Stelter's/Grace's stated goals while minimizing the negative impacts to the surrounding area.

According to the submitted narrative, the project's two goals are to:

1. Bolster the tax base by converting the property from tax exempt to taxable, and
2. Provide funding for a "needed" daycare center for the community.

Regarding the tax base goals, I am not convinced that such a high density development would be in the best interest of the City and the surrounding area. Obviously, a high density development would maximize the tax value of the rezoned lot, but that is likely at the cost of reducing the tax values of the surrounding Low Density area. While I concede that there is probably a net positive regardless of the decline of the surrounding area values, that increase is solely from converting a tax exempt property to taxable. Any development, low or high density, will be a net positive for the City in terms of tax base. Further, in every "state of the city" presentation that I've attended as an IGH business and commercial property owner, I've never heard that the City was in dire need of increasing its tax base for sustainability, therefore I see no need for the City to prioritize Stelter/Grace's need for a high density development over the concerns of the surrounding area.

Regarding the goal for an additional daycare center for the community, while I can appreciate that goal and agree that an additional center would be helpful to increase area supply, adding a 100+ unit development would likely increase the demand for daycare services by as much or more. Because of this, I'm not convinced this would materially change the balance of daycare supply and demand in the area. However, I am convinced that adding a 100+ unit building next to Grace's new daycare would be very helpful in feeding that center for the foreseeable future. Again, a less dense development here would likely still provide Grace the funding to establish a daycare center while not significantly increasing daycare demand like a 100+ unit would. In my opinion, that would be the best option for materially improving the supply and demand balance for daycare services in the area.

Further, while not related to Stelter/Grace's stated project goals, prior to making any business decision, I always consider what the worst case scenario might be and whether that risk can be managed, reduced, or I am willing to accept it. In my opinion, the worst case scenario for this development is that the building turns into a poorly managed "slum". While I recognize that this would be worst case scenario, if I was a member of the planning committee, I'm not sure I would be willing to accept the risk of allowing a 100+ unit "slum" basically 1 block away

from the City's library, high school and middle school. Again, a less dense development would significantly reduce that risk and make it more manageable if it became necessary.

Finally, as a commercial property owner in the City, I firmly believe that Grace should be allowed to sell/develop their property so that they can achieve their goals. And, even if Stelter is not interested, I believe Grace can find a developer for a less dense option that is still profitable for the developer and still provide the needed funding for Grace's daycare center. While I recognize that that funding will likely be smaller than the proposed plan, Grace should bear that risk and cost as the land owner and prior developer of a lot surrounded by low density zoning, not the surrounding area and residents.

Thank you in advance for your attention in this matter.

- Robert Deeb
1578 86th Ct E, IGH

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From: [Steve Henning](#)
To: [Stacy Bodsberg](#)
Subject: Case NO 23-26CPA
Date: Monday, June 19, 2023 9:46:13 AM

Stacy, I'm writing this email in concern of the potential of apartment rental property near our residential Neiborhood. Blaine and 80th is already a very busy traffic area and to add additional traffic would make things even worst, besides this area is a quite, nice low crime Neiborhood, bring in HDR rental property raises concerns. Crime rates increase with Rental apartment's. Just drive by the other apartment rentals in IGH, they are not even safe to enter, drugs, theft, and domestic issues happen on a daily basis. I read the police reports. We do NOT want that kind of atmosphere in our quite Neiborhood. Please reconsider your proposal. This would lower our home value as well; I see no positive outcome with this change. Would you want this is your back yard.....

A very concerned home owner.

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From: [Tony Gruenke](#)
To: [Stacy Bodsberg](#)
Subject: 7950 Blaine Ave
Date: Monday, June 19, 2023 9:37:43 PM

I am adamantly opposed to the construction of a new development on this property. My family lives along 80th and have resided in IGH for 15 years. Every year 80th becomes busier. I have two children that walk to the middle school and daily we see people speeding, and not stopping for pedestrians in the crosswalk. At school arrival and dismissal, it is chaotic. The idea of adding more traffic on that road worries me.

This will also dramatically impact our schools. Hilltop is already experiencing too large of class sizes, I believe children that live in this complex would also attend Hilltop, which would further strain school's resources.

Please vote no on this amendment.

Tony Gruenke

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TO: INVER GROVE HEIGHTS CITY PLANNING COMMISSION
FROM: LYNNE BERG
DATE: JUNE 19, 2023
RE: 7950 BLAINE AVENUE - REZONING – CASE NO.. 23-26CPA

I have resided near the intersection of Blaine Avenue and 78th Street East since 1998. My two adult children grew up in this home and attended Inver Grove Heights schools. The neighborhood in which I reside is made up of well-maintained single family homes. My neighbors and I all take pride in our homes and yards and have worked very hard to retain and/or increase our property values. The prospect of an apartment building being constructed at the current Grace Nazarene site does not contribute to the goals of property owners in my neighborhood.

Over recent years, it is apparent that the Inver Grove Heights Planning Commission has repeatedly focused the needs of senior citizens. Most, if not all, of these buildings are in the form of assisted living facilities. It is my feeling that there is a genuine need for single level homes/townhomes for seniors who are desirous of a smaller home without the yardwork required of single family home living but are not in need of assisted living services. This type of residential community would be a much better fit for what is now a single family home community.

The construction of an apartment building amongst our single family home community would have a severe negative impact on both our property values as well as the aesthetics of our neighborhood. This would in turn negatively impact future sales of properties in our neighborhood.

All Inver Grove Heights residents should be afforded the protection of one of their biggest financial investments (their homes) by the backing and support of the Inver Grove Heights Planning Commission. Please don't fail the residents of my neighborhood now.

From: [edward.eichstadt](#)
To: [Stacy.Bodsberg](#)
Subject: Planning Commission Meeting 06/20/23
Date: Tuesday, June 20, 2023 11:35:21 AM

To IGH Planning Commission,

Regarding the Stelter Enterprises – Case NO. 23-26CPA

If the point of the rezoning of this property is to turn it into apartments, you should take into consideration the burden it puts on the homeowners/tax payers in IGH.

High density housing comes with a slew of side effects that the IGH homeowner is tasked with dealing with. We can use the high density housing already in IGH as a perfect example. All of the areas close to high density housing have degraded and turned into ghettos and eye sores.

The IGH city council and planning commission need to be less concerned about the tax revenue these apartments can generate and worry more about the future of the city and its residents.

Renters in apartments DO NOT contribute to the long term health and well-being of our city. The average income of renters is significantly less than the average homeowner. They do not contribute to money to improve the city.

As a city, we need single family homes which will be filled by honest tax paying, working families that can spend their money to improve our city.

After the apartments and townhomes are built, the neighbors are left to deal with the increased crime, degradation of the surrounding landscape, and decreased property values.

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From: [Georgia Mueller](#)
To: [Stacy Bodsberg](#)
Subject: Case # 23-26CPA
Date: Tuesday, June 20, 2023 12:27:45 PM

To Stacy Bodsberg~

I am opposed to changing the zoning at 80th Street and Blaine to accommodate an apartment complex in a primarily single family homes and townhomes area - that simply does not fit this area at all. The traffic is already very heavy on 80th Street from the City Offices, Police Department, The Grove, The Veterans Memorial Center, The High School and the Cub Shopping area. There needs to be more thought and planning for the increased housing that is inevitable on our area along with more support for local residents: like a hospital, restaurants and open spaces.

Thank-you for taking the time to present my concerns.

Regards- Georgia Mueller
651-455-5393

Sent from my iPhone

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From: [Nicholson, Mark](#)
To: [Stacy Bodsberg](#)
Subject: Concerns About Rezoning Proposal - Case No. 23-26CPA
Date: Tuesday, June 20, 2023 11:58:58 AM

Hello Stacy,

I just wanted to express my concerns about the proposed development at 7950 Blaine Ave. I live nearby at 7909 Bowman, and, as a resident and stakeholder, I firmly believe it is essential for the Planning Commission and City Council to consider the long-term implications of such a project on our neighborhood and its residents.

First and foremost, the proposed high-density housing development raises concerns about the impact on our community's infrastructure. The strain on existing utilities, transportation systems, and public services needs to be thoroughly assessed and addressed. High-density housing may exacerbate traffic congestion, increase the demand for parking spaces, and put additional pressure on our schools, healthcare facilities, and other public amenities. It is crucial to ensure that the infrastructure can adequately support the increased population density that this development would bring.

Furthermore, the character of our neighborhood is at stake. Many of us have chosen to reside in this area because of its low-density nature and its peaceful, family-friendly environment. The proposed development may lead to a loss of the neighborhood's unique charm, as well as increased noise and overcrowding. Preserving the quality of life for current residents should be a priority when considering such significant changes to the community's landscape.

Additionally, I am concerned about the potential impact on property values. High-density housing developments often result in reduced property values for existing homeowners. This could have a negative financial impact on families who have invested their hard-earned savings into their homes. The potential depreciation of property values must be carefully considered, as it may adversely affect the stability of our community.

Thank you for taking the time to consider my concerns. I trust that you will carefully deliberate on this matter and act in the best interest of our community.

Mark Nicholson
Lead IT Analyst
Comcast | West Division
10 River Park Plaza
Saint Paul, MN 55107
iPhone: (651) 769-3289

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From: [PATRICK YOUNG](#)
To: [Stacy Bodsberg](#)
Subject: STELTER ENTERPRISES - CASE NO.23-26CPA
Date: Tuesday, June 20, 2023 11:12:02 AM

Dear Planning Commission,

We feel that this is a poor community plan to rezone from public institutional to high density residential. The Church has enjoyed property ownership for some decades without the responsibility of paying taxes on this property. Now the only benefit will be to the church for the purposes of starting a new business (again without the need of paying property taxes) with the gain of this financial windfall.

Further, this is a poor location for a 100 unit residence. There exists poor access to the space and 100 new residents in such a confined space is not beneficial to the community. Consider also the added traffic from a daycare center in this confined space.

We are opposed to the zoning change as described.

Patrick and Susan Young
7903 Blackstone Avenue

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From: [raschnoor](#)
To: [Stacy Bodsberg](#)
Subject: Case #23-26CPA
Date: Tuesday, June 20, 2023 11:49:22 AM

I would like to express my feelings of great opposition to the apartment building going in across the street from me. When I moved here 8 years ago from Iowa and chose IGH and this neighborhood, I never dreamed that having a church across the street would allow for such a huge change in our quality of living here.

I am very concerned about the traffic flow, my property value, and the aesthetics of the land here.

We have made a huge investment in our home and feel that the city is not protecting our interests in the fact that we bought into this neighborhood because of its beauty and zoning.

Respectfully submitted,

Rita Schnoor
7990 Blanchard Ct
IGH

Sent from my Galaxy

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From: [Stephanie Pastirik](#)
To: [Stacy Bodsberg](#)
Subject: Comments Re 7950 Blaine plot split High density housing
Date: Tuesday, June 20, 2023 10:00:05 AM

Dear Stacy,

I live off of Blaine and 75th and have some major concerns regarding putting high density housing on the corner of Blaine and 80th. We already have issues with vehicles speeding up and down Blaine Ave and adding more into the mix would cause more chaos. If we do the math, for a 100 unit apartment building, say 2 adult people per unit, that is 200 people, not including any children. If each person has a vehicle that is at the least 200 more vehicles in the area alone. The streets are not built for such a high influx of traffic. Not only on Blaine but on 80th as well with both the High School and Middle School right there. The City/County already redid 80th within the past few years to bring it down to a single lane to improve safety for students. This would be undone by adding more traffic onto roads that already have issues with speeders. Our already overworked and understaffed Police department will have to monitor that area even more. Within the past 3 years the police department was already denied approval for hiring more personnel, which the city desperately needs.

Rentals require no such pride in ownership and home life. There is nothing that would entice people to keep things nice and quiet, because that is what we are, a quiet neighborhood. In keeping in tune with what is already in the area, one level detached town homes, or side by sides with decent lot sizes could be a positive for the area if done right.

Thank you for taking time to read my comments and concerns.

Stephanie Pastirik - Concerned Neighbor
Cell - 651-983-8157

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From: [steve klimas](#)
To: [Stacy Bodsberg](#)
Subject: Case 23-26CPA
Date: Tuesday, June 20, 2023 11:55:16 AM

A high density apartment building does not fit in at the neighborhood at Blaine and 80th. This is primarily single family homes with multi-unit (4 plex / townhomes) residences built here. A 100 unit apartment complex at the intersection of county road 28 and is highway 52 is not feasible. The complex's auto traffic will need to enter and exit on Blaine and the proximity to the entrance of highway 52 is very restricted.

Please look for alternative uses for this property.

Steven Klimas

2635 79th Street East IGH MN

Sent from my iPhone

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From: [Tammy Hane](#)
To: [Stacy Bodsberg](#)
Subject: Letter of opposition - Case No. 23-26CPA
Date: Tuesday, June 20, 2023 11:25:52 AM

Hello Stacy,

I am a resident living at 7965 Blanchard Way, 2 houses down from Blaine across from Grace Nazarene church. I would like to express my concern and opposition against the above said proposal to build apartments on the land across the street from me. I am VERY concerned about the additional traffic that this will bring to the area where Blanchard Way and Blaine intersect. In addition, my family chose this location 25 years ago for our home and with the pending proposal I am fearful that this will drastically reduce the value of my home!!

I feel Inver Grove Heights has ample apartments for new residents to choose from and this property may be more suited for something other than apartments.

Thank you for your attention to my concerns.

Tammy Hane
7965 Blanchard Way, IGH
tjhane62@gmail.com
Cell: 952-207-6861

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From: [Brenda Dietrich](#)
To: [Rebecca Kiernan](#)
Subject: Fwd: Case No. 23-26 CPA
Date: Wednesday, June 21, 2023 12:56:06 PM

1st of many to come I'm sure
Thank you,
Brenda

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From: Carol Ferry <carol.ferry9698@gmail.com>
Sent: Tuesday, June 20, 2023 1:06:43 PM
To: joe.atkins@co.dakota.mn.us <joe.atkins@co.dakota.mn.us>; Brenda Dietrich <bdietch@ighmn.gov>; Sue Gliva <sgliva@ighmn.gov>; John Murphy <jmurphy@ighmn.gov>; Tony Scales <tscales@ighmn.gov>; Mary T'Kach <mtkach@ighmn.gov>
Subject: Case No. 23-26 CPA

Dear Mayor, City Council Members and Commissioner,

I have been a resident of Inver Grove Heights for 14 years and love this city for the small town feel within a major metropolitan area. Specifically the tight community on Blanchard Way that I have been lucky to call home for the last 10 years.

Unfortunately the proposed Zoning change for Grace Church of the Nazarene from P, Public Institutional to HDR High Density Residential has me very concerned. Adding a 100+ apartment complex at the exit of my neighborhood will have negative affects on traffic, noise, infrastructure, and market value of my home. HDR communities also tend to have increased crime rates. If the proposal was at the end of your neighborhood would you want it located there?

I respectfully request that the rezoning of the property to HDR be denied and that other options be reviewed.

Thank you for your time.

Carol E. Ferry

7924 Blanchard Way, Inver Grove Heights, MN

Sent from [Mail](#) for Windows

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Brenda Dietrich | Mayor

Tel: (651) 450-2503

City of Inver Grove Heights | 8150 Barbara Avenue | Inver Grove Heights | Minnesota | 55077

bdietrich@ighmn.gov | www.ighmn.gov



Request for Council Action

SUBJECT: **Preliminary Design Report and Final Design
Recommendations for Water Treatment Plant
Rehabilitation Improvements (City Project No. 2023-03)**

MEETING DATE: August 14, 2023
ITEM TYPE: Regular Business
CONTACT: Brian Connolly, Public Works Director, 651.450.2571
 Eric Kramer, Utility Superintendent, 651.450.2565

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, accepting the preliminary design report and authorizing the preparation of final plans and specifications for the Water Treatment Plant Rehabilitation Improvements.

BACKGROUND

In late January of 2023, the City of Inver Grove Heights received a notice of violation from the Minnesota Department of Health indicating the radium concentrations in the City's treated water exceeded the Maximum Contamination Level set by the Environmental Protection Agency. While the levels were not considered an immediate danger to public health, it did trigger a public notification to our water customers and requires that the City undertake a plan of action to bring the Water Treatment Plant back into regulatory compliance.

Over the past seven months, City utility staff have worked successfully to moderate the radium levels in the short-term through chemical treatment modifications. Simultaneously, the City entered into a contract with Stantec Consulting Services, Inc. for the preliminary design review and "phase 1" final design for the Water Treatment Plant Rehabilitation Improvements (City Project No. 2023-03). "Phase 1" improvements are focused on chemical and filter improvements associated with the Water Treatment Plant.

The Public Works Director provided an update to the Council on the general progress of the preliminary design report at the July 24, 2023 City Council meeting, and provided some information for Council discussion and consideration regarding a proposed change in the timeline for final design and construction of the improvements to late-2024, due to a combination of material procurement and funding approval challenges. Staff have continued to work with Stantec representatives to refine the proposed improvement costs and overall preliminary design report, and would like to formally present this detailed information to the City Council at this meeting.

FISCAL IMPACT

The action requested does not have a direct fiscal impact on the project parameters, as there are no budget or fiscal authorizations included in the attached Resolution. The final design contract has previously been approved.

The proposed "phase 1" improvements are estimated to cost approximately \$5,200,000, but would not be committed to until such time as the City awards a construction contract for the improvements.

Although greater than the anticipated \$4,700,000 included in the draft 2024-2028 Capital Improvement Plan for the Water Treatment Plant Rehabilitation project, the final estimated construction cost for the project will be identified through the final design process, and included with appropriate contingencies in the forthcoming 2024 budget and 2024-2028 Capital Improvement Plan efforts.

RECOMMENDATION

Staff recommends adoption of the attached Resolution, accepting the preliminary design report and authorizing the preparation of final plans and specifications for the Water Treatment Plant Rehabilitation Improvements.

ATTACHMENTS

1. Resolution - Accept Preliminary Design Report & Order Final Design
2. Preliminary Design Report (FINAL) - 2023-08-14

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION ACCEPTING THE PRELIMINARY DESIGN REPORT AND AUTHORIZING
PREPARATION OF FINAL PLANS AND SPECIFICATIONS FOR CITY PROJECT NO. 2023-
03 – WATER TREATMENT PLANT REHABILITATION IMPROVEMENTS**

WHEREAS, as part of the City's 2023-2027 Capital Improvement Plan, design of the rehabilitation of the Water Treatment Plant was proposed to occur in 2023, and construction of the improvements to occur in 2024; and

WHEREAS, the City received a notice of violation from the Minnesota Department of Health on January 30, 2023, indicating that the radium concentrations in the City's treater water exceeded the Maximum Concentration Level set by the Environmental Protection Agency; and

WHEREAS, the City awarded a contract for the compilation of a preliminary design report and phase 1 final design for the Water Treatment Plant Rehabilitation Improvements (City Project No. 2023-03) to Stantec Consulting Services, Inc. ("Stantec") on April 24, 2023; and

WHEREAS, the City entered into a Compliance Agreement as drafted by the Minnesota Department of Health on June 26, 2023, detailing a schedule to implement proposed treatment plant modifications to address the radium concentration levels in the City's water system, and to bring the system back into compliance with Minnesota Department of Health and Environmental Protection Agency requirements; and

WHEREAS, the preliminary design report and recommended phase 1 improvements has been completed as of the date of this Resolution, and a summary of the report findings and recommendations presented to the City Council.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF
INVER GROVE HEIGHTS, MINNESOTA THAT:**

1. The preliminary design report for City Project No. 2023-03 – Water Treatment Plant Rehabilitation Improvements is hereby accepted.
2. The preparation of final contract documents (plans and construction specifications) for the project is hereby ordered to proceed in accordance with the contract for design with Stantec approved on April 24, 2023.

Adopted by the City Council of the City of Inver Grove Heights this 14th day of August 2023.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



PRELIMINARY DESIGN REPORT
Inver Grove Heights Water Treatment Plant
Rehabilitation Improvements



August 14, 2023

Prepared for:
City of Inver Grove Heights, Minnesota

Prepared by:
Stantec Consulting Services, Inc.
733 South Marquette Avenue
Suite 1000
Minneapolis, MN 55402

Project Number: 173420135
City Project Number: 2023-03

PRELIMINARY DESIGN REPORT

Revision	Description	Author	Date	Quality Check	Date	Independent Review	Date
1	Draft	Anthony Elian	7/9/2023	Brian Lintgen	7/10/2023	Ryan Capelle	7/10/2023
2	Draft	Anthony Elian	8/4/2023	Brian Lintgen	8/7/2023	Ryan Capelle	8/7/2023
3	Final	Anthony Elian	8/10/2023	Brian Lintgen	8/11/2023	Ryan Capelle	8/11/2023



The conclusions in the Report titled INVER GROVE HEIGHTS WATER TREATMENT PLANT REHABILITATION IMPROVEMENTS are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the scope of work was conducted and do not take into account any subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from City of Inver Grove Heights (the "Client") and third parties in the preparation of the Report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This Report is intended solely for use by the Client in accordance with Stantec's contract with the Client. While the Report may be provided to applicable authorities having jurisdiction and others for whom the Client is responsible, Stantec does not warrant the services to any third party. The report may not be relied upon by any other party without the express written consent of Stantec, which may be withheld at Stantec's discretion.

Prepared by:


Signature

Anthony Elia
Printed Name

Reviewed by:


Signature

Brian Lintgen
Printed Name

Approved by:


Signature

Ryan Capelle
Printed Name



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Executive Summary

The City of Inver Grove Heights has been monitored by the Minnesota Department of Health for combined radium tests at the water treatment facility since 2021. Individual tests were between 4.4 and 6.6 pCi/L. The maximum contaminant level (MCL) of 5.4 pCi/L was exceeded in October of 2022, and the City was notified in January of 2023. Because of the exceedance of the radium testing values, the City is advancing previously planned improvements to their water treatment plant with the goal of reducing radium levels in the drinking water to below 2.5 pCi/L. The City's treatment process has overall worked well for the past 26 years, but improvements to several components are needed to meet the ongoing treatment demands.

In addition to the media replacement project, other key upgrades to the water plant are being considered. This report summarizes the current situation, outlines the pilot study that was completed for different media types, discusses the existing conditions at the facility, and makes recommendations for upgrades at the plant, all with the goal of radium compliance and continued efficient operation of the plant for years to come.

1 CHAPTER 1 – INTRODUCTION

1.1 PURPOSE

The City of Inver Grove Heights (City), Minnesota operates a gravity water treatment plant (WTP, plant, facility) that receives raw groundwater from seven wells within proximity to the plant. The WTP was designed to remove iron and manganese (Fe/Mn) from the City's drinking water. Eight gravity filters with silica sand media are used as the primary treatment method. Chlorine, potassium permanganate, and manganese sulfate are added prior to the filters. These chemicals assist in removing Fe/Mn from the water. In addition to Fe/Mn removal, this treatment method is effective at removing radium.

The City has exceeded the radium limits assigned by Minnesota Department of Health (MDH). Considering it is a health concern, the City issued a statement to the public warning of the excess of the contaminant in the distribution system. The City is working on resolving the issue as soon as possible.

The majority of the WTP is 26 years old and in need of improvements, many of which were in the planning stages prior to the exceedance of the radium limits. The purpose of this study is to evaluate these improvements to address City concerns and issues and allow the City to plan and budget for the future. Each investigated improvement includes a description, analysis, and opinion of probable construction cost.

1.2 SCOPE

The scope of improvements considered in this study are presented in subsequent chapters of the report. Improvements address both the water treatment process, as well as mechanical, architectural, electrical, and structural issues.



2 CHAPTER 2 – DESIGN CRITERIA

This section establishes design criteria to be used for water treatment components. The design criteria is based on the results from the pilot study, MDH standards, and City's desired quality improvements. A 20-year planning period is typical for water treatment plant evaluations.

2.1 MINNESOTA DEPARTMENT OF HEALTH STANDARDS

Radioactive materials, also called radionuclides, are both naturally occurring, and human made. Radionuclides from naturally occurring sources can be adsorbed into groundwater and surface waters in Minnesota. When radionuclides break down (decay), they create radiation. Radionuclides are a natural part of our environment, and small amounts of radiation are common in the air, water, and soil around us. Coming in contact with too much radiation can cause health problems.

The U.S. Environmental Protection Agency's (EPA) Radionuclides Rule has four federal standards for radionuclides in drinking water. The EPA Radionuclides Rule and MDH requirements defines safe drinking water as containing up to or less than: 15 picocuries of alpha particles per liter of water (pCi/L), 5 pCi/L of combined radium 226/228, 20 pCi/L of uranium, or 4 millirem of beta/photon emitters per year (mrem/yr). MDH regulates public water systems by approving treatment plans. The department enforces the Safe Drinking Water Act and tests public water supplies on a regular basis. The City's water is currently tested for radium compliance on a quarterly basis.

2.2 WORK PRIOR TO THE REPORT

The City began working with Kurita (Tonka Water) after being notified of the elevated radium levels in the drinking water. Tonka reviewed the City's system and suggested dosing changes to the potassium permanganate and manganese sulfate in an effort to better capture radium in the current Fe/Mn treatment process. By increasing the chemical dosing, the existing sand filter was better able to remove radium from the water. These changes are an interim solution that will allow for compliant drinking water while a more permanent and comprehensive solution is developed.

2.3 PILOT STUDY

Multiple methods and media types exist for effective radium removal. Some are proprietary materials and systems. These systems come with differing costs than non-proprietary systems but can offer advantages from an operational perspective. Stantec recommended that pilot testing be completed. Working with City staff, two types of media were compared, Kurita (Tonka Water) IMAR and GreensandPlus with anthracite coal. Currently, the plant has a mono-media consisting of silica sand with no anthracite. Both IMAR and GreensandPlus with anthracite coal are considered dual media. A proprietary chemical called TonkaZorb hydrous manganese oxide (HMO) was proposed by Kurita to be used in the pilot. The pilot ran for two weeks starting on May 30, 2023. Samples were taken for testing of radium, Fe, Mn and other constituents. Kurita prepared a pilot testing report that is attached as Appendix B.



PRELIMINARY DESIGN REPORT

The pilot system consisted of skid mounted pressure vessels. One had 30" of IMAR dual media one had 18" of GreensandPlus and 12" of anthracite. The conclusions from the report summarized below for reference.

1. Both filters, dosed with chlorine, and at a loading rate of 3.0 gpm/ft² effectively lowered manganese to below its respective SMCL (Mn<0.05 mg/L) to an average of ≥ 0.002 for both run 1 and 2 for both the IMAR™ and GreensandPlus™ media beds.
2. Both filters, dosed with Kurita Water's proprietary blend of TonkaZorb™ Hydrous Manganese Oxide (HMO), and at a loading rate of 3.0 gpm/ft² effectively lowered manganese to below its respective SMCL (Mn<0.05 mg/L) to an average of ≥ 0.002 for both run 1 and 2 for both the IMAR™ and GreensandPlus™ media beds.
3. Both filters were dosed with chlorine bleach (sodium hypochlorite) and TonkaZorb™ at the same dosages. The chlorine dosage was approximately 2.0-2.2mg/L to achieve a free chlorine residual of ~ 0.8mg/L. Breakpoint chlorination was achieved during this pilot. The HMO dosage was 1ppm as Mn, this in addition to the raw manganese created a Mn concentration above the filter bed >1ppm to aid the removal of Radium and Gross Alpha. Both filters were able to effectively remove Mn, Fe and NH₃ with these dosages.
4. At a loading rate of 3.0 gpm/ft², the 30" of Tonka Water IMAR™ dual media performed such that all effluent lab samples were below their respective SMCL or MCL for Fe, Mn and Combined Radium. Per the stretch goal of <2.5pCi/L of the City of Inver Grove Heights, by the end of the pilot the IMAR™ filter was able to achieve this after a pseudo steady state of HMO feed was established to coat the media. Given the high concentration of oxidized manganese added to the filter, this allowed the additional filtration of Mn without the addition of permanganate and only needed the addition of chlorine to complete the oxidation of Mn and Fe in the source water. If given more time, eventually it is expected that the IMAR™ filter will perform relatively evenly in its ability to remove combined radium to that of a GreensandPlus™ bedded filter. Run 1 average effluent of radium was 2.67pCi/L (71.4% removal) and run 2 average radium was 1.50pCi/L (86.3% removal).
5. At a loading rate of 3.0 gpm/ft², the 18" of GreensandPlus™ /12" of anthracite dual media performed such that all effluent lab samples were below their respective SMCL or MCL for Fe, Mn and Combined Radium. The media was able to remove the radium to a lower concentration than the IMAR™ filter, however as the pilot progressed, the performance gap between the two was closing. It is possible that given more time eventually will perform similarly to the IMAR™. Run 1 average effluent of radium was 0.24pCi/L (97.5% removal) and run 2 average radium was 0.39pCi/L (96.4% removal).
6. No head loss was observed during this pilot as the pilot did not generate any. Runtime cannot be determined by this.



PRELIMINARY DESIGN REPORT

7. *The run lengths will need to be field determined on the full-scale system based on well combinations. Due to time constraints and needing to backwash the filter to show performance of backwashing and repeatability of the experiment, the 1st run had to be terminated after 1 week (or ~ 76 hours of runtime) and the second run was terminated at ~90 hours of runtime. At the end of each run, neither filters were showing signs of breakthrough so at the very least with the well combinations tested, the filters can reliably run for >72 hours. This should be studied further by IGH operators via ladder study with well combinations to determine Mn breakthrough to determine run lengths. The Tonka Water's Simul-Wash™ backwash system was simulated during the pilot. This method successfully cleaned the filter media between runs.*

Discussions about each media type and their benefits are contained in Section 6.1.

The pilot also demonstrated that modifications to the plant's chemical feed to incorporate a single HMO chemical will be needed for successful radium removal.



3 CHAPTER 3 – EXISTING CONDITIONS AND CONDITION ASSESSMENTS

3.1 FACILITY HISTORY

The WTP has undergone several improvement projects since it was first constructed.

- 1997: Construction of the original plant next to the ground storage reservoir. 6.02 MGD capacity. Designed to be expanded when City demand increased.
- 2006: Expansion of the 1997 plant. Added four additional filter cells. 12.04 MGD capacity.
- 2016: Added additional media to make up for media loss over 20 years of run-time.
- Minor upgrades and maintenance to the plant have taken place, but no other major rehabilitations have been completed.



4 CHAPTER 4 – CONDITION ASSESSMENTS

Stantec staff toured the WTP to review the existing conditions of plant components and provide recommendations for rehabilitation. The following are descriptions of the condition assessments that were completed in conjunction with City staff. Specific, phased recommendations are discussed in Chapter 5.

4.1 PROCESS

4.1.1 Filter Media

The ultimate driver for the project is compliance with radium standards, and media replacement is the key to meeting this goal. The current media is silica sand. The media effectively removes Fe and Mn from the City's water and has been supplemented with additional chemical feed to reduce radium in the drinking water. A media replacement is needed as the material has reached the end of its useful life. There has been some media loss over the life of the plant, the media was topped off with new sand in 2016. Further discussion regarding the pilot study and replacement media are found in Section 5.1.1 and Section 6.1.

4.1.2 Distributor Box and Column

The distributor box evenly distributes raw water to the individual filter cells. There are two distributor boxes, each serving four filter cells. The original construction phase of the WTP included a coated carbon steel distributor box. Over time paint coatings begin to fail and corrosion begins to form. Replacement of paint coatings and rehabilitation are currently due on the original distributor. The second construction phase of the WTP (expansion) included a stainless steel distributor box. While stainless steel material greatly reduces required maintenance, the potential for corrosion at the welds remains. The second phase stainless steel components are generally in good condition and don't warrant replacement or rehabilitation at this time.

Three options exist for rehabilitation. First, the steel components can be repainted. This is cost effective but does not address the ongoing maintenance of coated carbon steel. The fact that the second phase is already a less maintenance intensive material makes leaving the carbon steel components a less than desirable choice.

Second, the steel components can be replaced with stainless steel. This option would match the second phase of the WTP and would provide consistency across the plant. Off-site vs. on-site fabrication of components would need to be considered, as well as building access for completed components. The greater the extent of off-site fabrication, the better the overall quality will be, but field welding can be performed. The lifespan of the stainless distributor box is anticipated to be in the 50 year range.

Third, the distributor box and column could be replaced with concrete components. With this option both the column and box would be constructed of concrete. The existing steel column could be used as part of the formwork for the column upgrades, and the box would be replaced with reinforced concrete. This



PRELIMINARY DESIGN REPORT

replacement would require significant formwork, however it would require minimal building disturbance to install the materials in place. The longevity of concrete would exceed that of stainless steel, but the overall cost is significantly higher. In addition, further modifications to the existing filter configuration would be needed to accommodate concrete components.

The column in both phases of the plant are stainless steel and both appear to be in good condition. At this time, no revisions to the column are proposed unless concrete were the chosen rehabilitation method for the box.



4.1.3 General Process Components

4.1.3.1 Lower Level

General: General cleaning and touch-up painting should be considered after equipment replacements. Maintenance of tank seals and gaskets should be considered. Paint on tank walls is peeling in areas and repairs have previously been made.



PRELIMINARY DESIGN REPORT

Raw water and Asher Zone finished water pipe: The existing flow metering on the raw water pipe (30") and Asher Zone finished water (24") are not reliable and outdated. An original propeller meter on the raw water is not in service. A later installed probe type meter has reached the end of its useful life. It is recommended that new magnetic (inline) or ultrasonic flow (clamp-on) metering be installed to improve accuracy and reliability. Clamp-on meters are less expensive and easier to install if the accuracy for the meter is acceptable. Straight pipe runs up and downstream of the meter are needed, as ultrasonic meters are more susceptible to turbulence compared to magnetic meters. Magnetic meters are more expensive but provide greater flow accuracy. Installation would require removal and replacement of the existing propeller meter body with a new magnetic meter. Custom length meters can be provided to eliminate the need for a spool piece, as typical magnetic meters are shorter than older propeller meters.



Spraywash: Replacement of air actuated valves with electric actuated valves could be considered (see Section 5.1.1 Paragraph 4 for a discussion regarding valve replacement).

Filter drains and pipe penetrations: Leaking gaskets are causing some stains on the wall and floor. Repairs are recommended to the tank seals.



4.1.3.2 Ground Level

General: General paint touch-up is recommended for walls and piping. Replacement of pneumatic valves with electric could be considered. The City has been repairing sludge pumps as part of their five year CIP.

Dehumidifier Room:

The current dehumidification system is composed of a central desiccant dehumidification unit (Bry-Air brand). This unit has served the facility well but has become outdated and the unit has experienced increased maintenance costs and downtime. City staff have documented the desire to replace the dehumidification system with a new central unit. Portable dehumidifiers should be purchased for distant parts of the facility and for during replacement/maintenance of the centralized unit. New actuators and copper pipes near the unit should be installed.

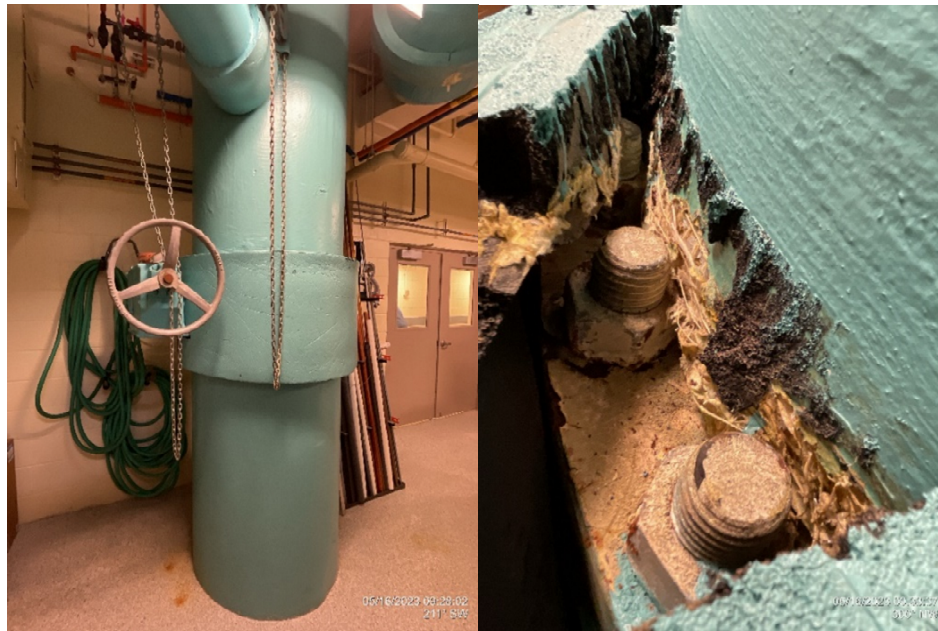
If pneumatic operated valves in the plant are replaced with electric, the air compressor and air dryer could be removed. City staff noted that battery operated tools have replaced air tools in the facility. Air valves are currently failing near the blower.

It is recommended that the air wash blower be inspected by a manufacturer's representative and preventative maintenance, or replacement be completed as recommended. Internal components could be candidates for replacement if the remainder of the unit is in good condition.



PRELIMINARY DESIGN REPORT

Pipe Room: The 30" valve on the raw water pipe is showing signs of corrosion under the insulation. It is recommended that the pipe insulation be permanently removed in this room, the corrosion removed, and the valve/piping repainted. This should be done on all piping within the room. To combat moisture, it is recommended that a portable dehumidifier be permanently placed in this room.



Fluoride Room: The chemical dosing pumps for fluoride are aging and replacement with peristaltic pumps is recommended. The adjoining electrical components that are showing signs of degradation should also be replaced.



Potassium Permanganate and Manganese Sulfate Rooms: Considerations for revised chemical feed are discussed in Section 5.1.1 Paragraph 5. The current equipment is functioning, but upgrades could be considered if the rooms were to continue operating in their current capacity.



PRELIMINARY DESIGN REPORT

Chlorinator Room: Currently there are no chlorine gas detectors in the plant outside of the chlorinator/ChlorTainer rooms. The City has requested detectors be placed in rooms that have chlorine piping in them, even if just passing through. Consideration can also be given to placing the chlorine gas eductors (device that mixes the chlorine gas with water) in the chlorinator room. This means that chlorine gas will only be present in these two rooms, versus within lines in several rooms in the plant. Moving the eductors to the chlorinator room will allow mixed chlorine gas and water solution be routed to the feed points. This change would improve safety as it would reduce the amount of tubing where chlorine gas is present. This modification requires a water supply to be plumbed from the supply line at the ceiling and floor drainage to be extended from the adjacent garage or vestibule.

The vacuum switchover equipment for the ChlorTainers should be evaluated for replacement. New rotameters should be installed in the chlorinator room.



4.1.3.3 Upper Level

Pump room: One high service pump was under repair during the site visit. The City has rehabilitation of the high service pumps included as part of their five year CIP.



PRELIMINARY DESIGN REPORT

Filter room:

- The column and distributor box are discussed in greater detail in Section 4.2.1.
- Backwash supply valve(s) are suspected to be allowing water into the line which negatively impacts backwash sequencing. Valve replacement is suggested for these valves. Replacement of the air wash and influent valves should also be considered.
- All filter piping should be inspected when the filters are taken offline. It should be cleaned of any corrosion and repainted or replaced if necessary.
- Concrete filter walls should be evaluated for delaminated or paint coatings once the media has been removed.
- Media retaining nozzles should be replaced as these are critical components and require media to be removed to facilitate installation.
- Air wash piping should be evaluated when the filter is taken out of service and repairs made if necessary.
- Replacement of pneumatic actuators or replacement of pneumatic actuators with electric actuation of filter valves is discussed in Section 5.1.1 Paragraph 4.
- It is recommended that radar level sensing be incorporated into future plant work, as this can help improve the monitoring and operation of the plant.
- Stainless steel components (column, distributor box for cells 5-8, etc.) should be evaluated for degradation and repaired as necessary. Passivation of welds through application of a pickling paste may be considered to minimize corrosion.



PRELIMINARY DESIGN REPORT

Flow Splitter Room: The concrete tank coating in the flow splitter room is degrading and peeling from the walls. City staff have requested that the coating be blasted off and the walls left uncoated to minimize future maintenance. Products to extend the life of the concrete should be considered after paint coatings are removed.



4.2 ARCHITECTURAL

The condition of the building roof was assessed by Stantec staff. City staff indicated there are currently several roof leaks, mainly located at the original building skylights and roof access hatch. The following items are recommended to be addressed in future building maintenance.



Interior water staining at all of the original building skylights.



Roofing membrane shrinkage along the north parapet.



PRELIMINARY DESIGN REPORT



Roof access hatch pistons are leaking (indicating gasket failure) and the stop arm for the hatch is broken.



All but one of the roof scuppers is missing a gravel stop to retain the rock ballast.

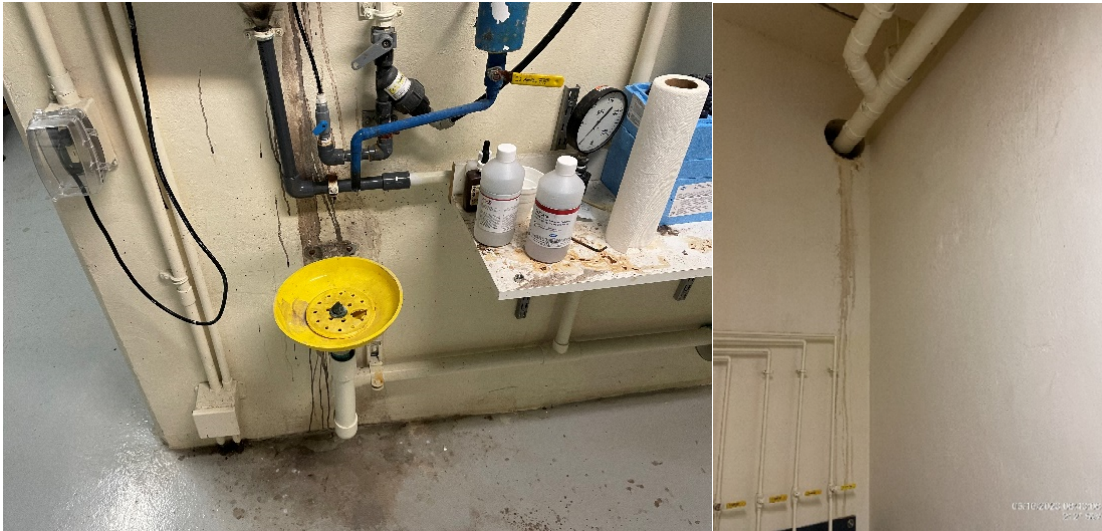


The EPDM membrane installed at the original building is not UV resistant and the exposed membrane is drying out and shrinking, resulting in membrane failure.



4.3 BUILDING MECHANICAL

The condition of the building mechanical systems equipment was conducted by Stantec staff and is based on visual inspection and discussion with the operator during the site visit. Equipment was not disassembled, and destructive testing means were not employed. Typical equipment life is based on the research and guidelines of ASHRAE (American Society of Heating, Refrigeration, and Air Conditioning Engineers) and BOCA (Building Owners and Managers Association International).



4.3.1 Fire Sprinkler System

The facility is protected by a wet pipe fire sprinkler system. An annual inspection is required, and the last documented inspection occurred January 2, 2022, making the system overdue. City staff has already scheduled to include this inspection in the coming months.

4.3.2 Plumbing

4.3.2.1 Lower Level

- Backflow preventers require annual inspection and service. The last documented inspection occurred June 24, 2022. City staff are coordinating the annual inspection to occur in the next few months. Typical of two locations.
- The isolation valve adjacent to the backflow preventer is missing its handwheel and inoperative. Recommend replacing handwheel.
- The emergency eyewash has been disconnected. If sampling will continue to be performed at this location, it is recommended that the eyewash be replaced.
- It is recommended that the house and non-potable water meters be replaced so they match those currently used by the City. This will reduce the number of spare parts required to be stocked.
- The sump pumps are original to the facility. They have lasted well beyond the typical 15 year life. It is recommended that they be replaced in-kind.



PRELIMINARY DESIGN REPORT

- The sanitary piping double containment under the garage has stains from past leaks. Monitor for leaks and repair as necessary.

4.3.2.2 Ground Level

- Water heater is 26 years old and beyond the typical 12-15 year life. Recommend replacement.
- Potable water is used for cooling dehumidifier supply air and wasted down the drain. Consider less resource intensive cooling options when the dehumidifier is replaced.
- Copper elbows at dehumidifier cooling coil have corroded/eroded and have been replaced. When unit is replaced, confirm that the flow velocity in the system is appropriate for copper.

4.3.2.3 Upper Level

- Drinking fountain does not provide water. It is recommended to restore water supply and troubleshoot to determine if fixture was shut off due to leakage or another malfunction.

4.3.3 HVAC

4.3.3.1 Ground Level

- Dehumidifier is 26 years old and at end of useful life. Staff reports that replacement parts are now expensive and difficult to find. Consider replacing unit.
- Indoor makeup air unit burner has been replaced; however, the date of replacement is unknown. The unit is 26 years old and approaching end of useful life. Consider replacement at the same time as other mechanical components.
- Furnace is 26 years old and beyond the typical lifespan of 18 years. Consider replacement with a high efficiency condensing model.
- Fire/smoke dampers, various locations. Staff reports that dampers have been propped open throughout the facility. Consider stroking each damper individually to confirm operation and service/repair as required.
- Filter/grille missing on return/exhaust grille in the following rooms: polyphosphate room and potassium permanganate room. Consider replacing missing filter/grille.
- Staff raised concern about lack of gas detection and automatic ventilation in the Chlorine Room. Consider reviewing size of existing ventilation and provide for automatic operation on chlorine gas detection in addition for manual operation when space is occupied.

4.3.3.2 Upper Level

- Unit heaters are beyond their typical life space of 15 years. Corrosion and leaks noted on several unit heater flues including the high service pump room and filter room. Consider replacing associated flue and combustion air duct when replacing unit heater as part of normal building maintenance. Heaters should be evaluated on a case-by-case basis.
- Unit heater thermostat is broken in the filter room. Recommend replacement.

4.3.3.3 Roof Level

- AAON makeup air unit is six years old. Staff reports that it has been plagued with maintenance and operational problems.
- Carrier roof top unit was manufactured in 1997 (26 years old) and is past the anticipated operational life of 15 years. Consider replacement.



PRELIMINARY DESIGN REPORT

- Bryant roof top unit was manufactured in 2000 (23 years old) and is past the typical operational life of 15 years. Consider replacement.
- Bryant roof top unit was manufactured in 2006 (17 years old) and at end of the typical operational life of 15 years. Consider replacement.

4.4 BUILDING ELECTRICAL

The condition of the building electrical systems equipment was conducted by Stantec staff and is based on visual inspection and discussion with the operator during the site visit. The facility's electrical equipment and related conduit, wire, receptacles, etc. are generally in good condition. The following is a list of electrical items to consider for future projects.

- Consider replacing all the existing interior and exterior fixtures with LED lights to improve overall building efficiency. This is an ongoing facility CIP implementation item.
- Consider having infrared testing and inspection completed on all electrical equipment and motors. Equipment to be tested should include all service entrance equipment, motor control center, panelboards, transformers, generator control panel/main circuit breaker, disconnects, and motors. Infrared testing uses an infrared camera to identify components that are creating excessive heat. It can identify failing components or those in need of maintenance before actual issues present themselves.
- Consider replacing the existing high service pump variable frequency drives (VFDs). They are of an age that replacement parts are becoming difficult to obtain. Consider adding VFDs to the remaining high service pumps that don't have them. Consider adding a VFD to the backwash supply pump.
- Consider repairing or replacing the generator emissions monitoring panel. The operator interface screen is not functioning, and the panel components show signs of corrosion. The conduits from the generator to the panel are not sealed. Once the panel is replaced or repaired the conduits should be sealed.



4.5 CONTROLS AND SCADA

The SCADA system (Wonderware software and plant PLCs) has been upgraded in the past two years except the one remaining filter control console (SCP-5) and Well No. 9 SCP-6 which is part of the Babcock Booster Station. Automatic Systems has the parts on order for these final two upgrades and will complete when parts become available.

The SCADA system's original radios have been upgraded from MDS 9810s to MDS TransNET. The TransNET radio is being replaced by the TransNETX and per the manufacturer the newer units are backwards compatible, therefore no radio upgrades are needed at this time, other than considering replacing the SCADA master radio antenna (see Future Phase replacement recommendations).

Wireless access points (WAPs) could be added to the facility to allow wireless access in all areas. Automatic Systems could be contracted to test wireless signal strength and provide a quotation for adding



PRELIMINARY DESIGN REPORT

WAPs. It is anticipated that at a minimum WAPs will need to be added to the high service pump room, filter room, main level hallway, and lower level hallway.

4.6 CIVIL

The site around the building is generally in good shape. It is recommended that fill be added behind retaining walls to replace missing material and that walls repaired as necessary. Several locations of clearwell railing have frost heaved, lifting the railing. Repair of these posts is recommended, especially near the concrete retaining wall. The northeast corner of the clearwell cover has developed a crack from the adjacent retaining wall that should be investigated and repaired. Consider replacing the section of wall causing the damage.



5 CHAPTER 5 – WATER TREATMENT PLANT IMPROVEMENTS

This section of the report includes a description and an estimated construction cost for the WTP improvements. They are broken down into Phase 1 and Future Phase categories.

5.1 PHASE 1 IMPROVEMENTS

Phase 1 improvements include those items outlined in the City's RFP as well as other items identified through the course of site inspections and report preparation. A summary of the work and estimated costs is included in Section 5.1.3.

5.1.1 Phase 1 Improvements Identified in the RFP

1. Replace Sand Filter Media (8 treatment cells)

The pilot testing efforts resulted in similar performance results between the two tested media types. Both media types being considered, IMAR and GreensandPlus with anthracite coal, are dual type medias. Dual media means that an anthracite coal is part of the mixture. The anthracite provides additional surface area for Fe, Mn, and conversely radium to be held on the media. This increases the length of time between backwashes. Increasing the time between backwashes reduces energy and water demands on the plant. It also prolongs media life, as there is less scouring and erosion of the media. Refer to Section 6.1 for more information regarding the two media types.

Switching from a mono-media to a dual media will require upgrading the wash troughs to a new elevation and to ones that include media retention. Stantec and the City met with WesTech (original trough supplier) onsite to discuss options for replacement or revision to the existing components. Using the original manufacturer will mean a similar number of troughs and a similar configuration can be used. Tonka makes a competing product; however, it would require greater structural modifications to the filters, which is not as desirable. Detailed design will determine the exact configuration, elevation, and manufacturer of the new troughs. Changes to the gullet and modifications to the weir wall plate elevations adjacent to the filter cells are likely needed. The backwash pump capacity will also need to be evaluated as part of a media replacement due to increased backwash rates. If the weir wall can be sufficiently raised, additional backwash flow can likely be generated without upsizing the backwash pump. Filter capacity will be a limiting factor when raising the weir walls, as increasing the elevation will reduce freeboard in the filter cells. Weir wall elevations can be raised through addition of weir plates. The channels to insert the plates was part of the original design, and space is available for more plates. The existing plates should be evaluated for corrosion or damage at the time of media replacement and rehabilitated as needed.

As part of the media replacement, the existing media should be tested for residual radium and a disposal plan should be developed.

2. Review and upgrade drain piping on the filters

New plastic nozzles should be installed on the underdrain. Even though the existing ones may be functioning well, a media replacement presents the opportunity to replace this highly critical component at a time when it is easy to do so. Replacement of a broken nozzle after media is placed requires removal of all the media and taking the filter offline.



Piping that is not normally accessible should be inspected for damage and repair as needed when the filters are offline. Corrosion should be removed from steel components and pipe should be repainted.

The airwash piping header and supports underneath the underdrain should be reviewed to determine if repair is needed.

3. Replace existing Filter 1-4 carbon steel distribution box with stainless steel

The paint coating on the Filter 1-4 distributor box is failing. The box itself is carbon steel and a rehabilitation is needed. Based on the options discussed in Section 4.1.2, it is recommended that the carbon steel box be replaced with stainless steel components. This would mean that Filters 1-4 would match Filters 5-8 that were installed in 2006. Although stainless steel isn't 100% immune to corrosion, especially at the weld seams, it will provide a generally maintenance free component. The project plans will need to address the installation of the fabricated components and any building modifications needed to place them. Options also exist for field welding portions of the box to minimize existing building impact. Overall, this option provides adequate longevity, is low maintenance, is mid-range for cost, and provides consistency to Filters 5-8.

An inspection of the welds on the existing stainless steel center column on both Filters 1-4 and Filters 5-8 by a certified welding inspector should be considered.

4. Replace all filter valves and air compressor valves

Currently all valve actuators in the plant are pneumatic. The system has worked well, but for continued reliability, valve actuators should be replaced. Since the original plant design, advancements in electric valve actuation technology have improved and costs have come down significantly, as they have become the industry standard for new facilities.

There are two options for valve actuator replacement. The first option is to replace the existing pneumatic valve actuators with new pneumatic valve actuators. This will allow for continued reliable operation of the facility with minimal impact to plant infrastructure. The air compressor and air dryer system need to continue to be maintained. A future phase improvement to consider is replacement of the air compressor and dryer.

The second option is to replace the existing pneumatic valve actuators with new electric actuators. Wiring and control panel upgrades will be needed in addition to the actuators themselves. Electric actuators are reliable and eliminate the need for the air compressor and dryer. This saves on long term maintenance and provide more reliability to the plant operators.

Based on the improved reliability and reduced maintenance of electric actuators, City Staff and Stantec agree that replacement of the pneumatic operators with electric should be done as part of the project. The additional cost for the electric actuators is negated by the cost of a new air compressor and the increase in reliability.

Complete replacement should be considered for the airwash supply (8"), influent (12"), and backwash waste (18") valves at each filter cell. This is a total of 24 valves, including any geared actuators and moving parts.

5. Consider new chemical feed HMO (i.e., TonkaZorb).

Radium, Fe, and Mn removal at the plant is currently using a combination of chlorine, manganese sulfate, and potassium permanganate. A combined HMO (TonkaZorb) is proposed to be fed into the raw water upstream of the filters. This combined chemical will replace the manganese sulfate and potassium permanganate. Either the existing manganese sulfate or potassium permanganate rooms could be used for the new combined chemical.



PRELIMINARY DESIGN REPORT

After discussion with City staff, it is preferable to use the manganese sulfate room since it is on west side of the building and has direct access to the parking lot for delivery vehicles. Adding a large tank to the room will be difficult without removing a wall, however linking two separate smaller tanks (with molded spigots for durability), would provide the same storage volume. The chemical containment knee wall can be extended if needed. Using the potassium permanganate room and installing one larger tank in the sunken containment area was also reviewed, however this option is less preferable as it is more expensive and further away from the outside of the building for deliveries.

The chemical feed point for the new HMO chemical will need to be evaluated. It could use an existing feed point, or a new one could be added near the head of the plant.

In the future, custom mixing of a non-proprietary HMO using two separate chemicals could be performed onsite to mimic TonkaZorb. The existing chemical rooms could be reconfigured to meet this need at a future date.



6. Replace fluoride pumps

The dosing pumps in the fluoride rooms should be replaced with Watson Marlow peristaltic pumps to match other dosing pumps in the facility. The electrical box near the pumps should be replaced as well due to corrosion.

7. Replace chlorine feed systems (rotameters, vacuum switchovers)

Replacement of the chlorine feed system rotameters and vacuum switchovers should be completed with the project. In addition, it is suggested that the eductors be moved to the chlorinator room. This will require a water supply and drain line to be extended to the room. Moving the eductors will reduce the chance of a chlorine gas leak elsewhere in the plant, since it will already be mixed with water. Audio/visual alarms and automatic ventilation of the chlorinator room should be provided for any potential gas leaks.



5.1.2 Additional Suggested Phase 1 Improvements

1. Blower

The blower should be reviewed for immediate maintenance needs. Immediate needs should be addressed, and consideration given to full replacement of the blower in a future phase, based on current condition. If full replacement is needed, it should be coordinated with the dehumidifier replacement.

2. Electrical Infrared Testing

Infrared testing on the electrical components and motors in the plant can identify problem areas such as loose connections and failing components before they take the plant offline. Testing can be completed in one day and a report will be provided that identifies problem areas. Many of the problems are quick fixes for an electrician. These services would be performed by a third party. Stantec can help facilitate this work.

3. Smoke Dampers:

Test and troubleshoot all fire/smoke dampers.

4. Portable Dehumidifiers:

Consider purchasing portable dehumidifiers for use if the central dehumidification unit is being serviced and for the eventual replacement of the central unit. This purchase can provide redundancy for the plant.

5. Exterior clearwell cover cracking:

Investigate the cracking on the northeast corner of the clearwell cover slab. Make structural repairs to the cover as necessary and replace the failing section of retaining wall.

6. Flow splitter room:

Remove the tank coating as it is failing. City staff does not want a new coating.

7. Replace all flow meters

This task was moved to Phase 1 based on preliminary cost estimates and efficiencies of completing this work with the rest of Phase 1. These items could be bid as an add alternate to allow for easily removal from the project if overall costs come in over budget.

Large pipes: A clamp on ultrasonic meter has already been installed on the 24" finished water pipe to the ground storage reservoir. City staff has noted success with this meter. It is suggested to install a new clamp-on ultrasonic flow meter on both the Asher Zone finished water pipe (24") and raw water pipe (30"). This option will be more economical than installing mag meters at these locations. Consideration for replacing the existing propeller meter body with a spool pipe should be made to improve the ultrasonic meter accuracy, however this would not have to happen if the new ultrasonic meter accuracy can be determined to be acceptable.

Smaller ductile iron pipes that currently have a propeller type meter should be provided with a magnetic meter. Custom length meters that match the existing body length of the propeller meter are suggested, as they provide the easiest and most cost effective replacement option since they eliminate a spool pipe.



5.1.3 Estimated Construction Cost – Phase 1

The following is a cost estimate summary for the Phase 1 Improvements. Appendix A contains a full breakdown of the cost estimate. A larger than typical contingency of 35% has been included as these costs are preliminary in nature and the full project scope will not be determined until final design. In addition, this contingency was increased in an effort to hedge against continued inflation and the estimate is subject to change based on actual market and economic conditions.

Phase 1 Improvements Identified in the RFP	\$3,595,000
Additional Suggested Phase 1 Improvements	\$261,000
Contingency (35%)	\$1,350,000
Total Phase 1 Improvements	\$5,206,000

5.2 FUTURE PHASE IMPROVEMENTS

Future Phase improvements include those items outlined in the City's RFP as well as other items identified through the course of site inspections and report preparation. A summary of the work and estimated costs is included in Section 5.2.4.

5.2.1 Future Phase Improvements identified in the RFP

1. Review condition of paint for all filter room walls and piping

City staff has done a good job of keeping up on wall and pipe painting in accessible areas of the plant, however, weeping from tanks creates maintenance for many of these painted surfaces. Loose paint and delamination areas should be cleaned, and pipe should be inspected for corrosion. Painting of all walls, floors, and pipes should be scheduled to provide protection for those surfaces for years to come.

2. Upgrade security cameras

The fire alarm, security systems, and cameras are of an age that they should be considered for replacement. At that time a review of the systems should be performed to determine if there are any changes to the systems that are needed, versus simply upgrading components. Also, a consideration should be given to providing equipment that matches systems in other City facilities.

3. Replace air compressor and air dryer

Replacement of the air compressor will depend on the chosen valve actuator rehabilitation/replacement discussed above. If pneumatic valves are replaced in kind, the air compressor and dryer should be replaced in the near future to provide continued reliability. If the valves are changed to electric, the air compressor and dryer should be removed. If the compressor is removed, existing air lines should be capped.

Based on current recommendations to install electric valve actuators, this item cost is not included in the Future Improvements budget.



4. Replace roof top heating and cooling units

The rooftop heating and cooling units have reached the end of their useful life or are causing maintenance issues. It is recommended that they be considered for replacement. The work should be coordinated with the proposed roof replacement. This work should be included in future facilities CIP documents as well.

5. Upgrade main SCADA antenna

The work should be tied to other SCADA upgrades in the City to minimize costs.

6. Install new variable flow drives (VFDs) for all high service pumps

Current VFDs are becoming hard to find parts for and should be upgraded for continued reliable operation. VFDs can be added to the remainder of the high service pumps that currently do not have them and to supplemental backwash pump.

7. Roof rehabilitation/replacement The roof membrane is pulling away from the building and leaking around several penetrations. The roof generally needs to be scheduled for replacement as it has reached the end of its serviceable life for both the 1997 and 2006 portions of the building. This work should be coordinated with the rooftop HVAC unit replacements.

8. Replace dehumidifier (in progress or programed in facility maintenance budgets)

The dehumidifier has reached the end of its useful life and is causing maintenance issues. The unit should be considered for replacement. Coordinate this work with any potential work on the air blower as they are in the same room and occupy similar spaces. This work should be included in future facilities CIP documents.

9. Consider radon gas mitigation systems for filter bays

Mitigation for radon gas in the filter room could be considered.

10. Replace make-up air unit

The unit has reached the end of its useful life and could be replaced. This work should be included in future facilities CIP documents.

11. Replace exhaust unit

The unit has reached the end of its useful life and could be replaced. This work should be included in future facilities CIP documents.

12. Update fire alarm panel (in progress or programed in facility maintenance budgets)

See No. 2 above. This work should be included in future facilities CIP documents as well.

5.2.2 Additional suggested Future Phase Improvements

13. Repair exterior railings: Reset the railing posts that are being pushed upward by frost action.

14. Backfill retaining walls: Provide preventive maintenance on the existing block retaining walls, both on the top and bottom sides.

15. Level Transducers: Replace the existing submersible level transducers with radar level transducers.



16. Plumbing and HVAC miscellaneous recommendations:

- Replace missing handwheel on shut-off valve adjacent to backflow preventer in basement.
- Replace emergency eyewash that has been disconnected from water supply in basement. If sampling is no longer conducted at this location, eyewash is not needed.
- Replace water meters on house water and NPW (non-potable water) systems to match meters currently used by the utility. This allows simpler operations and a reduction in spare parts inventory.
- Replace sump pumps in basement.
- Replace existing gas fired water heater.
- Restore water service to drinking fountain. Troubleshoot and repair/replace if water was turned off due to malfunction or leaks.
- Replace gas-fired furnace, consider high efficiency condensing model.
- Replace missing filter/grille on duct outlets to polyphosphate room and potassium permanganate room.
- Replace unit heater thermostat in filter room.

17. Add wireless access points

18. Replace all the existing interior and exterior lights with LED lights (in progress or programed in facility maintenance budgets)

19. Repair or replace the generator emissions monitoring panel

5.2.3 Contaminants of Emerging Concern

Of the list of contaminants of emerging concern, the key contaminants present in the City's water supply are in a class of chemicals referred to as per- and polyfluoroalkyl substances (PFAS). The City's drinking water is in compliance with current drinking water standards. The regulatory requirements for PFAS in drinking water are currently being evaluated and are moving from draft to final rulemaking, which are anticipated to be more stringent than current standards.

City Staff and Stantec design professionals are actively following the status of the rulemaking changes. Currently available solutions exist to treat PFAS in the City if needed, however, until regulators and funding agencies finalize the rulemaking process, it is not warranted to design and implement treatment for the City at this time. Substantial modifications would be required to supplement the current treatment process to include treatment for PFAS. The specific feasibility of PFAS treatment for the City is not part of the scope of this report but can be studied at a future date if it becomes necessary.



5.2.4 Estimated Construction Cost – Future Phases

The following is a cost estimate summary for the Future Phase Improvements. Appendix A contains a full breakdown of the cost estimate. A larger than typical contingency of 35% has been included as these costs are preliminary in nature and the full project scope will not be determined until final design. In addition, this contingency was increased in an effort to hedge against continued inflation and the estimate is subject to change based on actual market and economic conditions.

Future Phase Improvements Identified in the RFP	\$933,000
Additional Recommended Future Phase Improvements	\$105,000
Contingency (35%)	\$364,000
Total Phase 1 Improvements	\$1,402,000
Improvements in Progress or Programed in Facility Maintenance Budgets	\$428,000

6 CHAPTER 6 – CONCLUSIONS AND RECOMMENDATIONS

The need to reduce the radium levels in Inver Grove Height's drinking water is the paramount reason for the upcoming work on the plant. This work also provides a good opportunity for other improvements and preventive maintenance at the facility.

6.1 COMPONENT RECOMMENDATIONS

The key piece to reducing the radium levels in the drinking water is replacement of the existing filter media and modifications to the chemical feed systems. The pilot testing demonstrated that a dual media with HMO chemical addition can achieve the City's goal of less than 2.5 pCi/L of combined radium ($Ra^{226}+Ra^{228}$). It also effectively reduces Mn below the SMCL of 0.05 mg/L and Fe below the SMCL of 0.3 mg/L. The combined HMO chemical feed (TonkaZorb) that was tested in the pilot showed good results.

This means that both media types would be a good choice for the City to use. Several other factors need to be considered when making the final decision on the media type.

1. Cost
 - a. IMAR is estimated to cost approximately \$36 per cubic foot.
 - b. GreensandPlus (and anthracite) are estimated to cost approximately \$42 per cubic foot.
2. Longevity: Both IMAR and GreensandPlus are expected to have a similar lifespan of approximately 15 years.



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3. Radium removal

- a. IMAR did not remove as much radium as GreensandPlus in the pilot, but removal numbers were improving, even over the short run of the test. Kurita noted this is what they would expect based on other pilots and real-world data. It had already shown removal below 2.5 pCi/L.
- b. GreensandPlus provided greater radium removal than IMAR. This is likely attributed to the adsorption of radium into the media.

4. Residual radium

- a. IMAR does not retain radium over the long term. Future disposal does not need to consider adsorbed radium.
- b. GreensandPlus will adsorb radium over time. This also potentially contributes to the better initial removal figures noted above. Future disposal may need to consider that the media contains radium and requires specialized handling.

At this time, the City and Stantec are still reviewing the pilot test report and obtaining more detailed cost information from vendors. The specific media type selected will not have a major impact on the design efforts moving forward. At this time, it is recommended to complete the design allowing for either media type and the project should include an alternate bid item for each type. Since both are a proprietary product, bidding them head to head will increase competition and ensure the most cost effective solution is implemented.

The use of IMAR or GreensandPlus both will require a new HMO chemical feed system. It is recommended that the TonkaZorb pre-formulated chemical be used. Future improvements could be made to provide mixture of a non-proprietary chemicals.

Replacement of the wash troughs with ones that have media retaining features (because of the anthracite in both medias) will be needed. Both WesTech and Kurita manufacture wash troughs that will be suitable. The existing troughs were manufactured by WesTech. Consideration for the filter weir wall heights will be needed, as the backwash rates for both media types will increase compared to the existing silica sand.

Ensuring that the plant continues to operate reliably is a key part of the project. The valves for the filters are used on a daily basis and all need to function properly to ensure the plant continues to stay online. The current pneumatic valve actuation system has performed well, but newer and more reliable technology exists with electric valve actuation. The cost to retrofit electric actuators is more expensive than replacing the current pneumatic operators and air compressor, but the increased reliability and reduction in ongoing maintenance outweigh these costs. With pneumatic actuation, one single component or air leak can bring down the plant. With electric, any actuator failures could be isolated, and the remainder of the plant would continue to operate. For these reasons, electric valve actuation is recommended.

Other plant upgrade and maintenance improvements are discussed above. Overall, the initial and future phase work will allow the plant to continue supplying compliant drinking water to City residents for years to come.



6.2 TIMELINE

Project design is anticipated to start in early-September, with project bidding taking place in the spring of 2024. This timeline allows for agency reviews and also lines up with potential PFA loan/grant funding. The original schedule for the project included a winter 2023/2024 construction timeframe to avoid high water usage months. Because of delays in starting the pilot, additional due diligence, and long lead times on specialty components, especially electrical items, it is recommended that a winter of 2024/2025 construction take place. By bidding in spring of 2024, long lead time items can be sourced so they are ready the following winter. Many components are seeing over 26 week lead times. Because of the nature of the rehab work, it is important that all components be available at the time construction starts. The following is the proposed project schedule for the Phase 1 improvements.

- August 2023: Report Approval
- September 2023: Begin Phase 1 Design
- September/October 2023: MDH/PFA DWRF Loan Program Notice
- December 2023: Phase 1 Design Complete, Submit for MDH Review
- Spring 2024: Bidding & Contract Award
- Summer 2024: Contractor Material Procurement
- September 2024: Begin Phase 1 Construction
- April 2025: Phase 1 Construction Complete

The current modifications to chemical dosing have brought the City's radium concentration below the MCL. It is expected that these modifications will continue to keep the City below the MCL in anticipation of the rehabilitation project.

6.3 FUNDING

Funding of any improvement project is the final piece to keep critical infrastructure in good condition. The City is pursuing a number of different funding avenues. Historical evaluations, environmental assessments, and related tasks are required to be eligible for state PFA loan/grant funds. It is recommended that these items be reviewed immediately following the acceptance of this report. Public comment periods will require additional time to complete these tasks. By starting now, these steps will be complete ahead of bidding in the spring of 2024. Contract requirements such as prevailing wage and domestic iron and steel requirements should be considered in cost estimates.

6.4 PROJECT COSTS

In providing opinions of probable cost, it is recognized that neither the City nor Stantec has control over the costs of labor, equipment, or materials, or over the Contractor's methods of determining prices. The opinions of probable cost are based on Stantec's reasonable professional judgment and experience and do not constitute a warranty, express or implied, that the Contractors' bids, or the negotiated price of the Work or schedule will not vary from the City's budget or schedule or from any opinion of probable cost or project schedule prepared by Stantec. Exact costs and times will be determined only when bids have



PRELIMINARY DESIGN REPORT

been received for the project and when the construction work has been performed and payments finalized.

Material supply schedules have continued to increase, and material costs have been highly variable in the past year. Stantec will put forth a reasonable effort to mitigate material impacts during the design process but ultimately has no control over Contractor supplied materials and services. Contingencies have been included in the provided cost estimates.



7 APPENDIX A – DETAILED COST ESTIMATES



City of Inver Grove Heights
Water Treatment Plant Rehabilitation
Phase 1 and Future Phase Cost Estimates

	Estimated Cost	Item Used	Cumulative Total
<u>PHASE 1 IMPROVEMENTS FROM RFP</u>			
REPLACE SAND FILTER MEDIA			
1a-1 Tonka IMAR media.	\$330,000	X	\$330,000
1a-2 GreensandPlus and anthracite media.	\$420,000		\$330,000
1b Labor to remove and install media.	\$700,000	X	\$1,030,000
1c-1 Install new WesTech wash troughs with media retention. Revise trough elevation. 3 per cell.	\$770,000	X	\$1,800,000
1c-2 Install new Kurita wash troughs with media retention. Revise trough elevation. 2 per cell.	\$890,000		\$1,800,000
1d Add weir wall plates and rehab existing plates.	\$50,000	X	\$1,850,000
REVIEW AND UPGRADE DRAIN PIPING ON THE FILTERS			
2a Replace underdrain nozzles.	\$160,000	X	\$2,010,000
2b Inspect underdrain and air piping. Repairs as necessary.	\$5,000	X	\$2,015,000
REVIEW CONDITION OF PAINT IN FILTER 1-4 DISTRIBUTION BOX			
3a Filter 1-4 distributor box replacement with stainless steel.	\$535,000	X	\$2,550,000
3b Weld inspection of center columns.	\$10,000	X	\$2,560,000
REPLACE ALL FILTER VALVES AND AIR COMPRESSOR VALVES			
4a-1 Filter valve actuation - <u>pneumatic actuator replacement</u>	\$270,000		\$2,560,000
4a-2 Filter valve actuation - <u>electric actuator conversion</u>	\$385,000	X	\$2,945,000
Valve replacement: airwash supply (8"), influent on distributor box (12"), & backwash waste in			
4b column (18") on each cell	\$250,000	X	\$3,195,000
4c Repaint all pipe and valves in the filters.	\$100,000	X	\$3,295,000
CONSIDER NEW CHEMICAL FEED HMO			
New TonkaZorb HMO chemical feed equipment. Rehab manganese sulfate room for TonkaZorb,			
5 mothball non-used equipment.	\$120,000	X	\$3,415,000
REPLACE FLUORIDE PUMPS			
6 New peristaltic dosing pumps. Repair electrical panel.	\$30,000	X	\$3,445,000
REPLACE CHLORINE FEED SYSTEMS			
7a New rotameters and vacuum switchovers. Move eductors.	\$70,000	X	\$3,515,000
7b Chlorinator room plumbing modifications.	\$30,000	X	\$3,545,000
7c New chlorine alarms and automatic ventilation.	\$50,000	X	\$3,595,000
<u>ADDITIONAL SUGGESTED PHASE 1 IMPROVEMENTS</u>			
8 Blower: Inspection of components. Address immediate needs.	\$50,000	X	\$3,645,000
9 Electrical Infrared Testing: One day of third party testing and report.	\$3,000	X	\$3,648,000
10 Smoke Dampers: Test and troubleshoot stuck dampers.	\$3,000	X	\$3,651,000
11 Portable Dehumidifiers: Purchase 4 additional.	\$20,000	X	\$3,671,000
12 Exterior Clearwell Cover Cracking: Repair clearwell lid and replace failing retaining wall.	\$50,000	X	\$3,721,000
13 Flow splitter room: Removal of tank coating.	\$10,000	X	\$3,731,000
FLOW METERS			
Replace large flow meters with clamp on ultrasonic meters. Spool pipe in old propeller meter			
14a location.	\$60,000	X	\$3,791,000
14b-1 Replace small flow meters with custom length mag meters.	\$65,000	X	\$3,856,000
14b-2 Replace small flow meters with standard length mag meters and spool pipe.	\$100,200		\$3,856,000
<u>TOTAL PHASE 1 IMPROVEMENTS</u>			
Contingency (35%)	\$3,856,000		
Total with Contingency	\$1,350,000		
	\$5,206,000		

City of Inver Grove Heights
Water Treatment Plant Rehabilitation
Phase 1 and Future Phase Cost Estimates

	Estimated Cost	Item Used	Cumulative Total
<u>FUTURE PHASE IMPROVEMENTS FROM RFP</u>			
MISCELLANEOUS ITEMS			
101 Review condition of paint for all filter room walls and piping	\$100,000	X	\$100,000
102 Upgrade security cameras	\$25,000	X	\$125,000
103 Replace air compressor and air dryer	\$80,000		\$125,000
104 Install new VFDs on high service pumps	\$200,000	X	\$325,000
105 Radon gas mitigation system for filter bays	\$20,000	X	\$345,000
ROOF ITEMS			
106a Roof rehabilitation/replacement	\$425,000	X	\$770,000
106b Replace rooftop heating and cooling units	\$75,000	X	\$845,000
106c Upgrade main SCADA antenna	\$3,000	X	\$848,000
106d Replace make-up air unit	\$60,000	X	\$908,000
106e Replace exhaust unit	\$25,000	X	\$933,000
<u>ADDITIONAL SUGGESTED FUTURE PHASE IMPROVEMENTS</u>			
107 Repair exterior railings	\$25,000	X	\$958,000
108 Backfill retaining walls	\$10,000	X	\$968,000
109 Replace filter level transducers with radar	\$30,000	X	\$998,000
110 Miscellaneous plumbing and HVAC items	\$25,000	X	\$1,023,000
111 Add wireless access points	\$10,000	X	\$1,033,000
112 Repair/replace generator emissions monitoring panel	\$5,000	X	\$1,038,000
<u>TOTAL FUTURE PHASE IMPROVEMENTS</u>	\$1,038,000		
Contingency (35%)	\$364,000		
Total with Contingency	\$1,402,000		
 <u>IMPROVEMENTS IN PROGRESS OR PROGRAMED IN FACILITY MAINTENANCE BUDGETS</u>			
201 Replace dehumidifier	\$300,000	X	\$300,000
202 Update fire alarm panel	\$8,000	X	\$308,000
203 Replace all exterior and interior lights with LED	\$120,000	X	\$428,000
<u>TOTAL IMPROVEMENTS IN PROGRESS OR PROGRAMED</u>	\$428,000		

8 APPENDIX B – KURITA PILOT REPORT



**PILOT INVESTIGATIONS FOR:
City of Inver Grove Heights, MN**

APPENDIX B

PILOT INVESTIGATIONS FOR: City of Inver Grove Heights, MN

CONDUCTED: May 30, 2023 through June 9, 2023

AUGUST 1, 2023

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Project: Inver Grove Heights, MN

Pilot #: J0030752

Manganese and radium removal by chemical oxidation with sodium hypochlorite and hydrous manganese oxide, followed by filtration with IMAR™ or GreensandPlus™ and Anthracite media at a loading rate of 3.0 gpm/ft².

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EXECUTIVE SUMMARY

From the period May 30, 2023 through June 9, 2023 Tonka Water, a Kurita America brand, Great Northern Environmental, and Stantec conducted a pilot study for the city of Inver Grove Heights to treat groundwater. The pilot test was performed to determine an effective and efficient treatment process to consistently remove manganese and combined radium (226+228) from the existing groundwater supply.

The study consisted of two filter trains in parallel. Filter 1 was bedded with 30" of IMAR™ media and Filter 2 was bedded with 18" of GreensandPlus™ and 12" of anthracite. Both filters consisted of the same hypochlorite and HMO addition. The results of the study demonstrated that hypochlorite addition followed by pressure filtration at a loading rate of 3.0 gpm/ft² effectively and consistently removed manganese in both filters to below the secondary EPA limit of 0.05 mg/L. Both filters showed that HMO addition followed by pressure filtration successfully removed radium at a filter loading rate of 3.0 gpm/ft² effectively and consistently to below the primary EPA limit of 5.0 pCi/L.

A hypochlorite feed of 2.0 mg/L and an HMO addition of 1 mg/L (as Mn) was necessary to fully oxidize the raw manganese and to achieve an average combined radium (226+228) removal of 79% for Filter 1 and 96% for Filter 2 through filtration.

Kurita America recommends that the full-scale system include filters loaded with 30" of IMAR™. Also, a TonkaBlend™ HMO feed system be included to deliver the TonkaZorb™ (HMO) effectively to the raw water source prior to filtration. Additionally, Tonka Water Simulwash™ backwash troughs should be installed to potentially improve media retention and water usage during backwash.

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1 INTRODUCTION

Tonka Water, a Kurita Brand, and Great Northern Environmental, set-up and conducted a pilot study under the oversight of the engineer, Stantec, to treat the groundwater at the Inver Grove Heights Water Treatment Plant during the period from May 30, 2023 through June 9, 2023.

The primary purpose of this pilot was to verify the effectiveness and efficiency of removing manganese to below the USEPA secondary maximum contaminant level (SMCL) of 0.050mg/L via chemical oxidation and media filtration at the intended filter design parameters. The pilot also assessed the feasibility of hydrous manganese oxide (HMO) for removal of radium to below the USEPA maximum contaminant level (MCL) for combined radium ($Ra^{226}+Ra^{228}$) of <5.0pCi/L.

This pilot utilized two filters run in parallel. Filter 1 was bedded with 30" of IMAR™ media. Filter 2 was bedded with 18" of Greensand Plus™ and 12" of anthracite media. Both filters assessed the ability to remove manganese using hypochlorite (chlorine) to oxidize manganese and HMO addition for radium adsorption followed by media filtration.

1.1 Iron and Manganese

Iron and manganese are commonly found in groundwater sources. These contaminants can add color to the water, produce staining of household fixtures and clothing, and cause plugging problems in distribution systems. Iron and manganese were not originally considered health hazards; consequently the U. S. Environmental Protection Agency established secondary maximum contaminant levels (SMCL) for iron and manganese at 0.3 mg/L and 0.05 mg/L, respectively.

Although manganese is an essential nutrient obtained from food, studies¹² have shown that consumption of excessive levels of manganese (a neurotoxin) in drinking water is associated with intellectual impairment of children. Some states have adopted health-based limits for manganese in drinking water; however, these limits typically have higher manganese concentrations than the SMCL.

Iron and manganese are frequently removed by oxidation to their insoluble forms, followed by media filtration. Iron is typically oxidized first with aeration and/or chlorine addition; manganese is typically oxidized with potassium or sodium permanganate. Detention often follows oxidant addition to allow time for chemical reactions to occur. The presence of organic matter, hydrogen

¹ Bouchard MF, S. Sauvé, B. Barbeau, M. Legrand, M. Brodeur, T. Bouffard, et al. 2011. Intellectual Impairment in School-age Children Exposed to Manganese from Drinking Water. *Environ Health Perspect* 119:138–143.

² Oulhote Y, D. Mergler, B. Barbeau, D.C. Bellinger, T. Bouffard, M.-È. Brodeur, D. Saint-Amour, M. Legrand, S. Sauvé and M.F. Bouchard, (Dec 2014) "Neurobehavioral Function in School-Age Children Exposed to Manganese in Drinking Water", *Environmental Health Perspectives*, 122 (12)

sulfide, or ammonia potentially interferes with the removal process; sometimes a polymer solution must be fed as a filter aid. Media utilizing manganese dioxide are often used in conjunction with an oxidant to provide contact oxidation and removal of manganese³⁴. During contact oxidation, the soluble manganese adsorbs onto the manganese dioxide coating and is oxidized by the adsorbed oxidant (sodium hypochlorite) to form loosely bound solids of hydrous manganese oxides. These manganese solids are filtered by the media and may be later removed as solids during the backwash. Removal of manganese may also occur with contact oxidation, following the chemical addition of hydrous manganese oxide (HMO) solids, when the manganese concentrations are not high.

In this pilot, the well water had manganese concentrations that exceeded the SMCL. The addition of HMO for radium removal provided significantly higher concentrations of manganese in the filter influent. Measurements of manganese were conducted at several process locations, including the 'Top-of-Filter' (within the filter(s) from approximately one foot above the media) as well as the effluents from each filter.

1.2 Radium and Gross Alpha

Radionuclide contamination of groundwater is generally attributed to sources naturally occurring in the rock formations from which drinking water is obtained. Radionuclides have most commonly been found in the water supply in the Midwest and along the east coast. Radionuclides by their very nature are unstable and are continually emitting energy. The three radionuclides that have been identified to be of primary concern are uranium, radium and radon, and the potential carcinogenic impact of these substances is well known. Approximately 80 - 85% of the radium accumulating in the body, deposits in bones; consequently, the predominant, although not the only, health hazard with radium is bone cancer.

The USEPA has promulgated rules that established maximum contaminant levels (MCL) for radioactivity from gross alpha, beta & photon emitters, Ra-226 and 228, and uranium. The MCL for combined radium 226 and 228 was set at 5 pico-curies per liter (5 pCi/L), while the MCL for gross alpha was set at 15 pico-curies per liter. The MCL for beta particles and photon emitters were set at the equivalent of an annual dose to the total body or any internal organ of 4 millirems/year; while the MCL for uranium was set at 30 ug/L.

1.2.1 Radium Removal

Since radium is a divalent cation (Ra^{+2}) and is an alkaline earth metal (as are calcium and magnesium), it behaves very much as calcium and magnesium do in water. Therefore, it follows that the BATs (Best Available Technologies) identified by the USEPA for removal of radium are all

³ Knocke, W.R., J.R. Hamon, and C.P. Thompson (1988) "Soluble Manganese Removal on Oxide-Coated Filter Media", Journal AWWA, 80(12), 65-70,

⁴ Knocke, W.R., S.C. Occiano, and R. Hungate (1991) "Removal of Soluble Manganese by Oxide-Coated Filter Media: Sorption Rate and Removal Mechanism Issues", Journal AWWA, 86(1), 117-127

softening techniques: lime softening, ion exchange and reverse osmosis. Unless softening is also a treatment goal for the water utility, these processes can be a costly addition to the water treatment process.

Some alternative treatment techniques include EDR (Electrodialysis Reversal), HMO (hydrous manganese oxide) addition, and removal in conjunction with manganese in iron and manganese removal processes using potassium permanganate. EDR can be quite expensive due to high capital cost as well as high operating costs. Co-removal with manganese in a manganese greensand or manganese oxide coated media is an inexpensive technique for radium removal, but the water supply must have naturally occurring manganese in sufficient quantities for the process to work. Since the well water for this pilot, although above the SMCL, is relatively low in manganese for direct removal, the addition of HMO overcomes this limitation. The manganese oxide-based media when used for radium removal have the disadvantage of accumulating radium on the media over time, complicating future disposal.

HMO addition involves the preparation and controlled dosage of manganese dioxide to the water to be treated prior to filtration. Radium is thought to have a natural affinity for manganese dioxide, effectively adsorbing onto the surface of the HMO particles, which are subsequently filtered out of the finished water. Since radium-226 and radium-228 are chemically identical, they are assumed to have comparable removal efficiencies.

Radium directly adsorbs onto manganese oxide-based media causing the media to become more radioactive over time and increasing the rate of radon formation. Such manganese oxide-based media are often referred to as accumulative media. As the radium activity increases on the accumulative media, the radium removal efficiency will diminish as the adsorption of radium approaches equilibrium. Eventually the accumulative media will require replacement and need to be properly disposed as radioactive waste. Moreover, accumulative media are more susceptible to iron fouling; further shortening the useful life of the accumulative media. In this pilot, Tonka Water's IMAR™ media, which consists of proprietary sizes of silica sand with an anthracite cap, limits such concerns; since unlike the accumulative manganese oxide-based media, IMAR™ does not strongly adsorb radium.

The use of HMO has been demonstrated to be effective for radium removal⁵ and to be a function of only the distribution coefficient (K_d) associated with the particular water and the HMO dosage. Based on Tonka Water's experience and AWWA literature, an HMO dosage of 1.0 mg/L as Mn typically achieves greater than 80% radium removal in waters low in known interferants (e.g. barium).

⁵ Valentine, R.L., Kurt A., Meyer, J., Walsh, D., and Mielke, W. 1992. Radium Removal Using Preformed Hydrous Manganese Oxides. AWWA Research Foundation, Denver, CO

In this pilot study, hypochlorite was added to treat ammonia, and oxidize iron, thereby forming iron solids, while the addition of hydrous manganese oxides (HMO) provided contact oxidation of the manganese along with adsorption of the radium; all of which were then removed using filtration.

1.3 Ammonia

Ammonia is naturally occurring in water and may also be present from agricultural and industrial activities. Ammonia levels in drinking water are not considered a health hazard since ammonia is produced in the body and efficiently metabolized and excreted. When chlorine is added to waters containing ammonia, the ammonia reacts with the chlorine exerting extra chlorine demand. The treatment of ammonia with chlorine may take the form of breakpoint chlorination, whereby the ammonia is completely oxidized and residual free chlorine concentration is produced. Sometimes ammonia is added for chloramination in the water treatment plant for disinfection of long distribution lines.

2 Objectives

Through both the *Safe Drinking Water Act* and the *National Primary and Secondary Drinking Water Standards*, the Environmental Protection Agency (EPA) has established a maximum contaminant level (MCL) for combined radium 226+228 as 5 pCi/L and a secondary standard (SMCL) for manganese as ≤ 0.05 mg/L. Average raw water characteristics from the pilot study can be observed in tables 5-9.

The primary objectives of the pilot study were to determine the following:

1. The ability of the pilot to achieve, at a minimum, effluent manganese levels of 0.05 mg/L.
2. The ability of the pilot to achieve a maximum effluent combined radium 226+228 level of less than 5 pCi/L and gross alpha of less than 15 pCi/L.
 - a. The ability of the pilot to achieve a maximum effluent combined radium 226+228 level of less than 2.5 pCi/L per the City of Inver Grove Height's preferred level.
3. The chlorine and TonkaZorb™ (HMO) feed rates required for optimal manganese and radium removal.

4. At a loading rate of 3.0 gpm/ft², evaluate the effectiveness of filter media consisting of 30" of IMAR™.
5. At a loading rate of 3.0 gpm/ft², evaluate the effectiveness of filter media consisting of 18" of GreensandPlus™ and 12" of anthracite.
6. Filter head loss as a function of run time.
7. Approximate filter run length.

3 Methods

3.1 Equipment Description and Operation

3.1.1 Chemical Feed

Kurita America provided chemical feed equipment for hypochlorite and Tonka Water's TonkaZorb™ Hydrous Manganese Oxide (HMO). TonkaZorb™ is a 3% by weight manganese, pre-formed HMO product developed by Kurita America and its chemical feed supply partner. The chemical feed systems consisted of peristaltic chemical metering pumps capable of pumping a maximum of approximately 33-gallons per day (GPD) and solution mix tanks.

Throughout the pilot, the diluted feedstocks were made following recipes with the following proportions:

- a) Sodium Hypochlorite (Chlorine): 150 mL of 7.5% household bleach into 10 gallons of distilled water
- b) TonkaZorb™: 444 mL of 3% HMO solution into 30 gallons of distilled water

3.1.2 Equipment

Two 8-inch diameter by approximately 7 feet tall filter columns were used. The filters incorporated a simultaneous air/water backwash system, underdrain system, air release valve, rate control meters, sample taps and filter media. Both filters were bedded with 30" of media and were operated at a loading rate of approximately 3.0 gpm/ft², corresponding to a flow rate of approximately 1.05 gpm per filter. The process depicted in the system flow schematic in Appendix A was used during this pilot. A picture of the filters used during the pilot can be seen in Figure A below.



Figure A: Photo of pilot set-up

A description of the columns used in this pilot study and service rates are provided in Table 1.

Table 1: Test Column Description

Column Name	Ø (inches)	Media Type/Depth (inches)	Loading Rate (gpm/ft ²)	Flow Rate (gpm)	Backwash Method	Chemical Feed
Filter 1	8" Dia.	30" IMAR™	3.0	1.05	Simul-Wash™	Hypochlorite and HMO
Filter 2	8" Dia.	18" GreensandPlus™ 12" Anthracite	3.0	1.05	Simul-Wash™	Hypochlorite and HMO

3.1.3 Backwashing

The backwashing was performed using a simultaneous air/water backwash process that simulated Tonka Water's Simul-Wash™ method. The pilot backwash process was manually operated. Table 2 summarizes the various steps of the Simul-Wash™ process including the backwash loading rates, flow rates, duration, and waste volumes produced. The 'draindown' volume prior to the Simul-Wash™ was not included in Table 2.

Table 2: Base Backwash Parameters Used During the Pilot

Backwash Step	Water Flow Rate (gpm)	Air Flow Rate (cfm)	Duration of Step (minutes)	Waste Volume (gallons)
Simul-Wash™	1.05 (3.0 gpm/ft ²)	1.05 (3 cfm/ft ²)	10	10.5
Restratification	3.5 (10 gpm/ft ²)	None	3	10.5
Purge	1.05 (3.0 gpm/ft ²)	None	2	2.1
TOTAL			15	23.1

Prior to starting the pilot filters, the filters were backwashed to remove fines and to cleanse the media.

3.2 Equipment Monitoring

Filter flow rate, headloss (differential pressure, or Delta P), time and throughput were monitored and allowed documentation of the filter runs enabling assessment of the backwash initiation conditions and approximate filter run length (possibly controlled by iron or manganese breakthrough). Chemical feed rates and dosages were monitored and documented allowing calculation of chemical dosages as well as establishing correlation between chemical requirements and filter performance.

The equipment monitoring protocol presented in Table 3 was utilized. The data obtained from such monitoring was recorded in the field data log, which may be reviewed in Appendix C.

Table 3: Equipment Monitoring Protocol

Parameter	Frequency	Location
Differential Pressure	At least 1 time per day as needed to adjust and maintain flow rate and filter performance	Filter differential
Service Water Flows	At least 1 time per day as needed to adjust and maintain flow rate and filter performance	Filter effluents (2)
Filter backwash steps – duration, water flow rate, and volume	At each backwash	Filter backwash rotameter

Pressure gauges were provided on the filters' influent and effluent lines and differential pressure gauges were provided for monitoring headloss. Rate of flow control valves and meters were piped into the filter effluent of the filter columns to allow a constant treatment flow rate through the filters to be maintained.

3.3 Sampling and Analyses

3.3.1 Field Analyses:

Field samples were obtained regularly from:

- a) Raw water (pre-chemical addition)
- b) Top of Filter influent water (post-chemical addition of hypochlorite and HMO)
- c) Both filter effluents

Field analyses were performed using a HACH DR/900 colorimeter for:

- a) Iron using the FerroVer Method 8008
- b) Manganese using the PAN Method 8149
- c) Nitrogen Ammonia using the Salicylate Method 8155
- d) Free chlorine using the DPD Method 8021
- e) Total chlorine using DPD Method 8167

A pH meter was calibrated and used to measure both pH and temperature.

3.3.2 Laboratory Analyses:

Coincident with the field tests performed, periodic samples were drawn for independent laboratory testing to confirm field test results and test for radium 226, radium 228, and gross alpha. The laboratory analyses were conducted by Eurofins Eaton South Bend lab. Since the lab testing was

generally for confirmation of field tests, the frequency of lab testing remained at a lower frequency. The complete reports from the Eurofins are included in Appendix B of this report.

Table 4: Laboratory Methods by Parameter

Parameter	Laboratory Method
Iron	Inductively Coupled Plasma – EPA200.7
Manganese	Inductively Coupled Plasma – EPA200.7
Gross Alpha	SM 7110B
Radium-226	SM 7500 Ra B
Radium-228	SM 7500 Ra D
Alkalinity	SM 2320B
Hardness	SM 2340B
Ammonia Nitrogen	Colorimetric – SM4500NH3D

4 Results, Observations and Discussion

The pilot study consisted of two filter runs of one week each. Complete reports from Eurofins are included in Appendix B of this report. The complete field data logs are included in Appendix C. Below, Tables 5-9 depict the summary of the pilot data.

Table 5: Summary of Filter Run Results – Iron Removal

	Raw (mg/L)	Filter 1 Effluent (mg/L)	Filter 2 Effluent (mg/L)
Run 1 - Field	0.08-0.13 (0.1 avg)	0.0-0.02 (0.0 avg)	0.0-0.01 (0.0 avg)
Run 1 - Lab	0.078-0.081 (0.08 avg)	<0.01 (<0.01 avg)	<0.01 (<0.01 avg)
Run 2 - Field	0.14-0.38 (0.27 avg)	0.0-0.02 (0.01 avg)	0.0-0.04 (0.01 avg)
Run 2 - Lab	0.07-0.19 (0.11 avg)	<0.01 (0.01 avg)	<0.01 (0.01 avg)

Table 6: Summary of Filter Run Results – Manganese

	Raw (mg/L)	Top Filter 1 (mg/L)	Filter 1 Effluent (mg/L)	Top Filter 2 (mg/L)	Filter 2 Effluent (mg/L)
Run 1 - Field	0.24-0.32 (0.28 avg)	0.48-1.53 (0.88 avg)	0.01-0.03 (0.02 avg)	0.52-1.15 (0.85 avg)	0.01-0.03 (0.02 avg)
Run 1 - Lab	0.21-0.24 (0.23 avg)	0.53 (0.53 avg)	<0.002 (<0.002 avg)	0.77 (0.24 avg)	<0.002 (<0.002 avg)
Run 2 - Field	0.26-0.28 (0.27 avg)	0.75-1.15 (0.95 avg)	0.01-0.03 (0.02 avg)	0.79-1.15 (0.97 avg)	0.01-0.03 (0.02 avg)
Run 2 - Lab	0.23-0.25 (0.24 avg)	NA	<0.002-0.0056 (0.002 avg)	NA	<0.002 (<0.002 avg)

Table 7: Summary of Filter Run Results – pH

	Raw (pH)	Filter 1 Effluent (pH)	Filter 2 Effluent (pH)
Run 1 - Field	7.3-7.6 (7.38 avg)	7.0-7.6 (7.31 avg)	7.2-7.5 (7.34 avg)
Run 2 - Field	7.2-7.3 (7.23 avg)	7.3 (7.3 avg)	7.3-7.4 (7.31 avg)

Table 8: Summary of Filter Run Results – Radium 226 and 228

	Raw	Filter 1 Effluent	Filter 2 Effluent
Run 1 - Lab	8.61-10.2 (9.32 avg)	2.06-3.26 (2.67 avg)	0.0-0.72 (0.24 avg)
Run 2 - Lab	9.95-12.0 (10.92 avg)	1.27-1.87 (1.50 avg)	0.0-0.64 (0.39 avg)

Table 9: Summary of Filter Run Results – Gross Alpha

	Raw (pCi/L)	Filter 1 Effluent (pCi/L)	Filter 2 Effluent (pCi/L)
Run 1 - Lab	16.3 (16.3 avg)	4.39 (4.39 avg)	5.37 (5.37 avg)
Run 2 - Lab	14.2-20.4 (16.97 avg)	1.67-11.7 (7.69 avg)	1.47-8.42 (6.02 avg)

4.1 Chemical Addition

4.1.1 Chlorine Chemical Addition in Filter 1 & 2 as Sodium Hypochlorite (Bleach)

Chlorine was dosed to both filters with a goal of a 0.8 mg/L free chlorine residual. Chlorine was consumed by iron, manganese, and ammonia. Based off raw water quality the required dosage for chlorine is between 2.0-2.2 mg/L. Actual dosage for the water treatment plant will be determined upon start up.

Figure B: Run 1 Ammonia Concentration

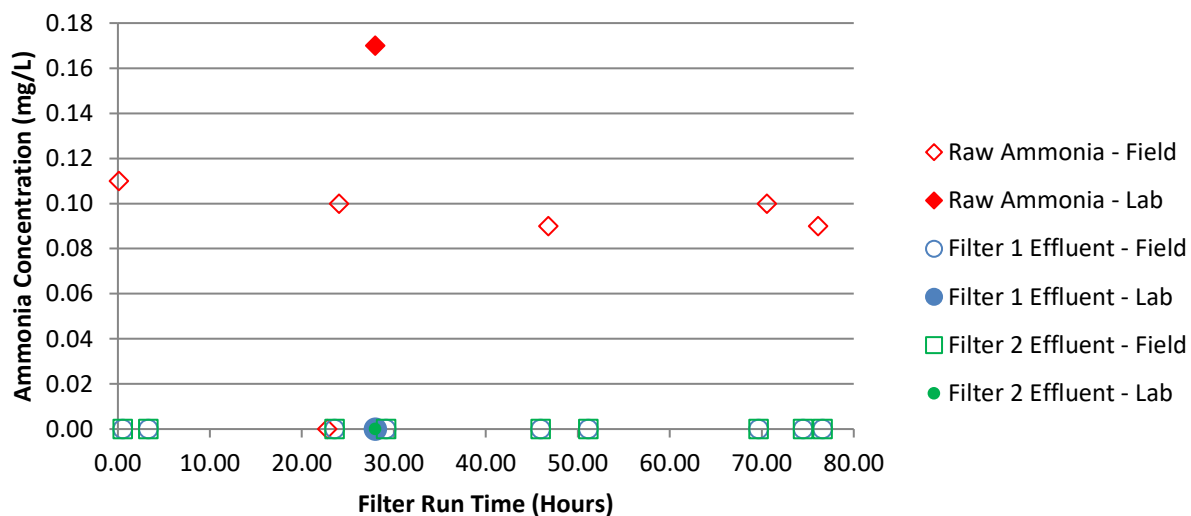
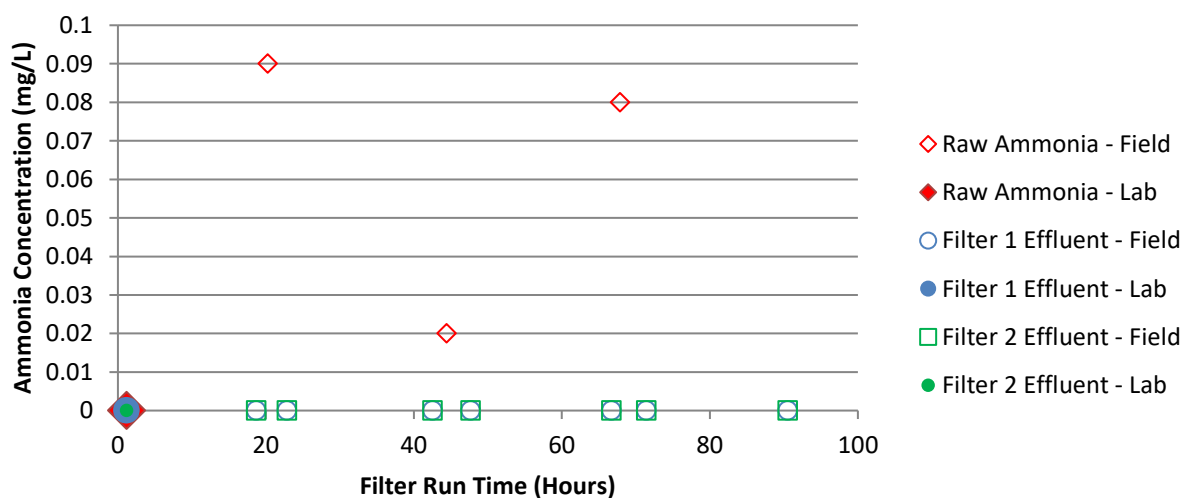


Figure C: Run 2 Ammonia Concentration



4.1.2 TonkaZorb™ (HMO) Chemical Addition in Filter 2, Measured as Mn

TonkaZorb™ (HMO) was dosed to a goal of 1 mg/L as Mn. It was measured from samples taken at the top of the filters. The tests confirm the presence of HMO at the top of the filters as can be seen in Figures D and E. They also confirm the HMO is removed from the process as can be seen by the Mn effluent levels. Raw water and effluent water Mn levels were all reported to be under the SCML of 0.05 mg/L.

Figure D: Run 1 Manganese Concentration

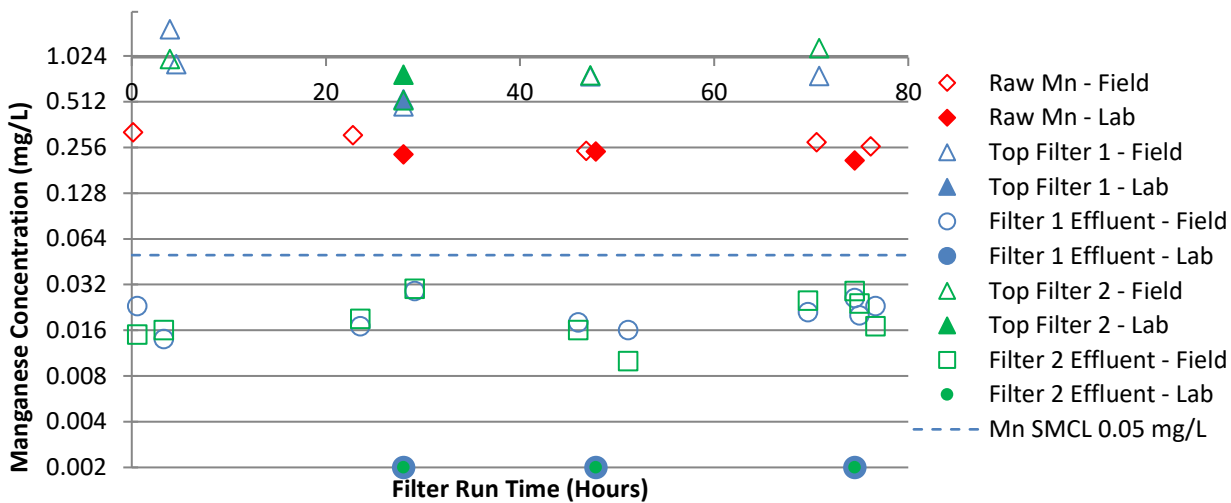
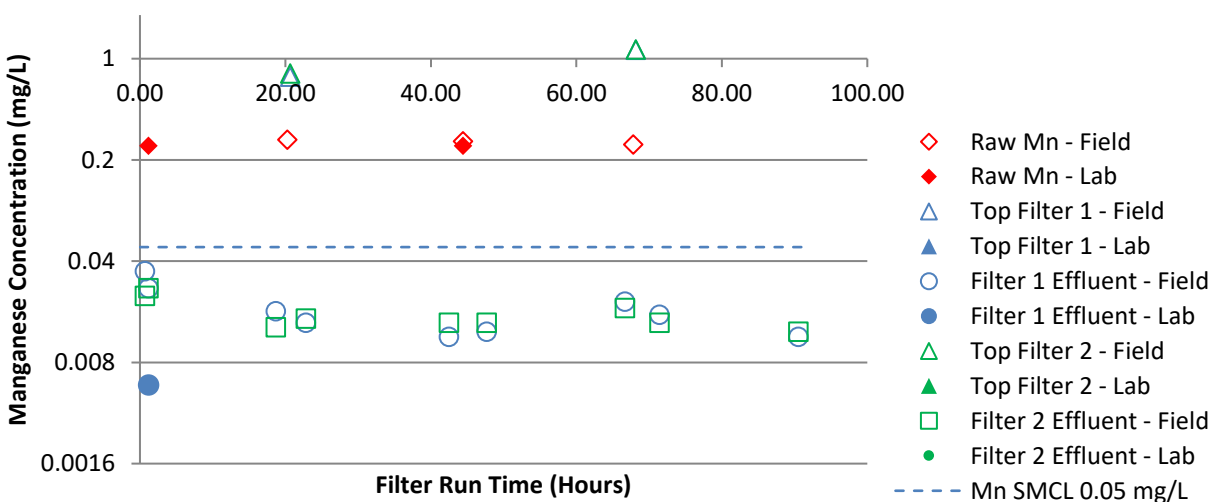


Figure E: Run 2 Manganese Concentration



4.2 Manganese and Radionuclide Removal

4.2.1 Iron

Although not a goal of this study, a summary of the raw and effluent iron results can be found in Table 5. Raw iron was seen to typically be under the SMCL of 0.3 mg/L. The filters' iron effluent results are presented by run for Filter 1 and Filter 2 using a linear scale. Excellent removal of iron was demonstrated as may be observed in Figures F and G. The iron effluent results may be observed to have been effectively and consistently maintained below the SMCL for all the runs.

Figure F: Run 1 Iron Concentration

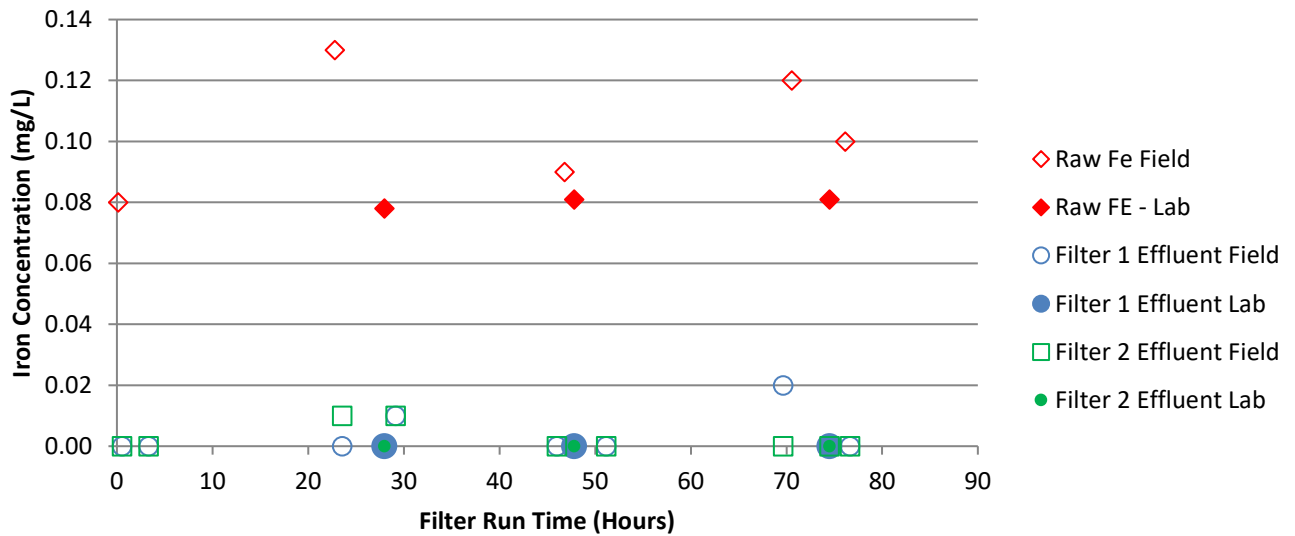
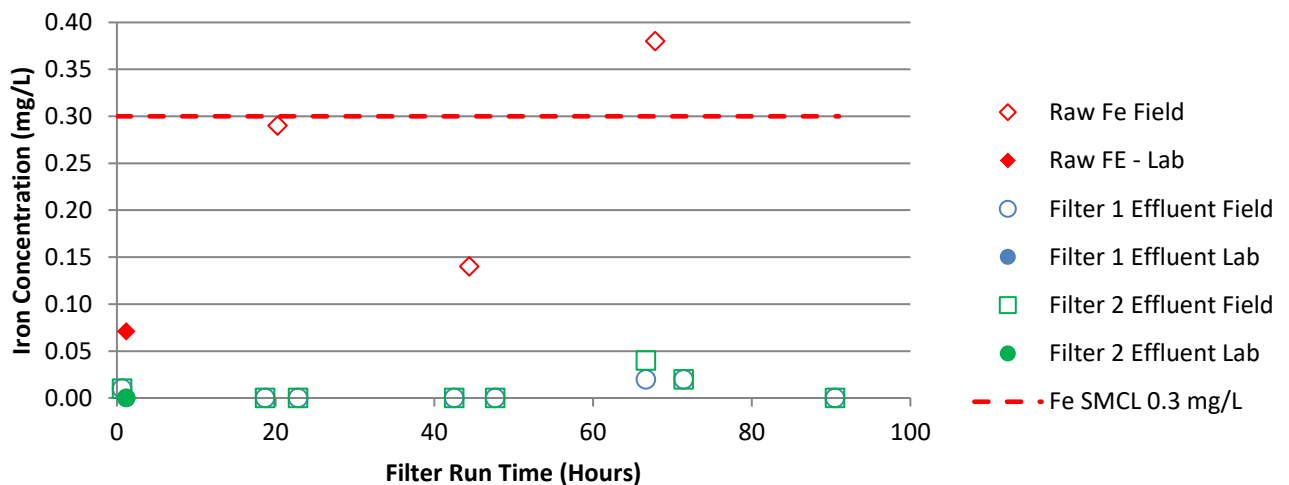


Figure G: Run 2 Iron Concentration



4.2.2 Manganese

A summary of the raw and effluent manganese results can be found in Table 6. The filters' manganese effluent results are presented in Figures D & E by run for Filter 1 and Filter 2 using a log scale. Both Filter 1 and 2 demonstrate consistent removal of manganese to below the SMCL of 0.05 mg/L for all runs. Removal rates are observed to be similar for both IMAR™ and GreensandPlus™.

4.2.3 Radionuclides

A summary of the raw and effluent radium and gross alpha results can be found in Table 8 and Table 9, respectively. The filters' radionuclide effluent results are presented by run for Filter 1 and Filter 2 using a linear scale. Raw radium levels were seen to be above the SMCL for all samples. Both Filter 1 and 2 demonstrate radium removal. Filter 1 is shown to remove an average of 71% of combined radium 226 and 228 for Run 1 and 86% for Run 2. Filter 2 is shown to remove an average of 97% of combined radium for Run 1 and 96% for Run 2.

Figure H: Run 1 Combined Radium and Gross Alpha Removal

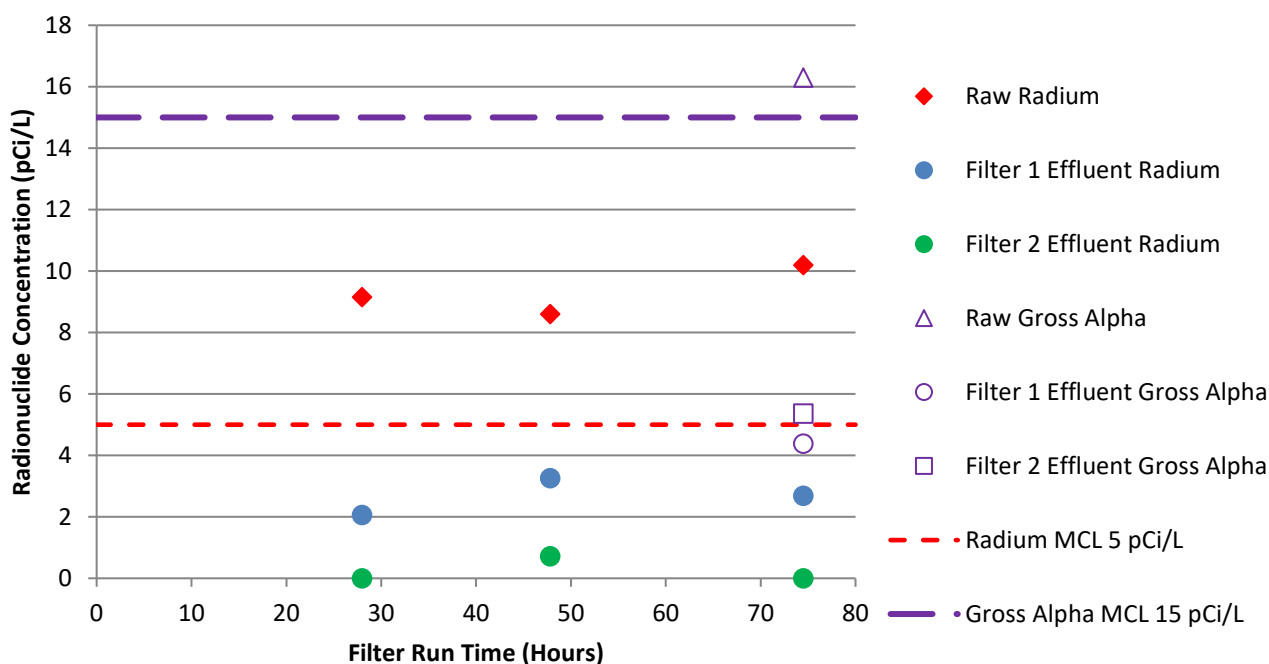
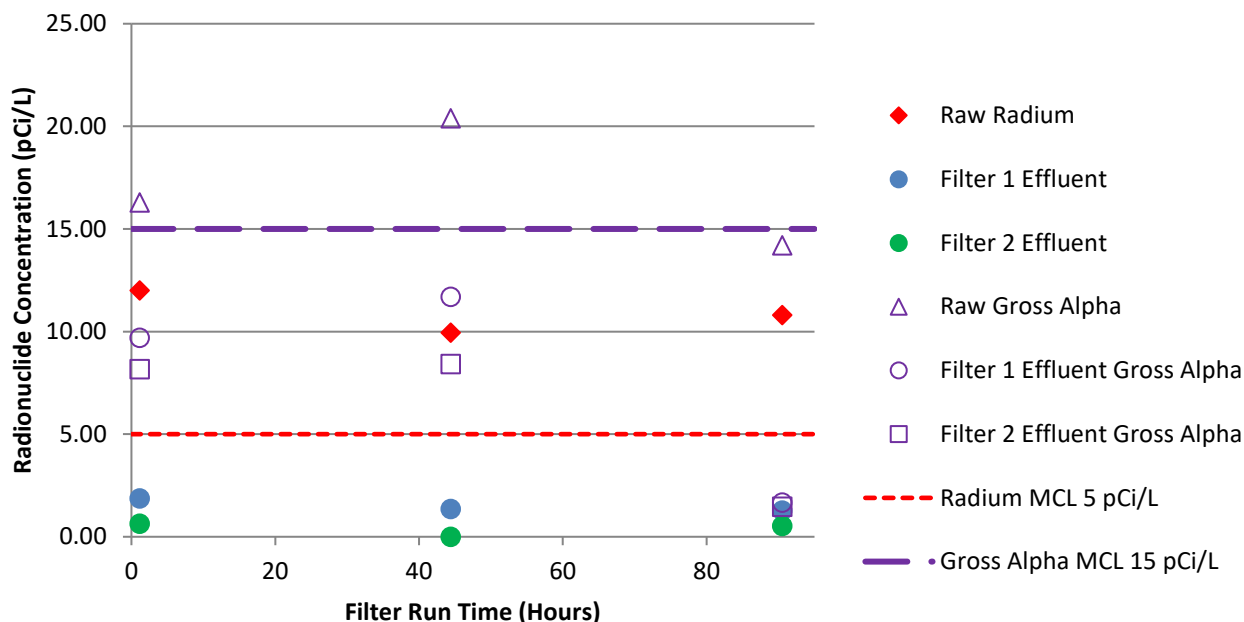


Figure I: Run 2 Combined Radium and Gross Alpha Removal



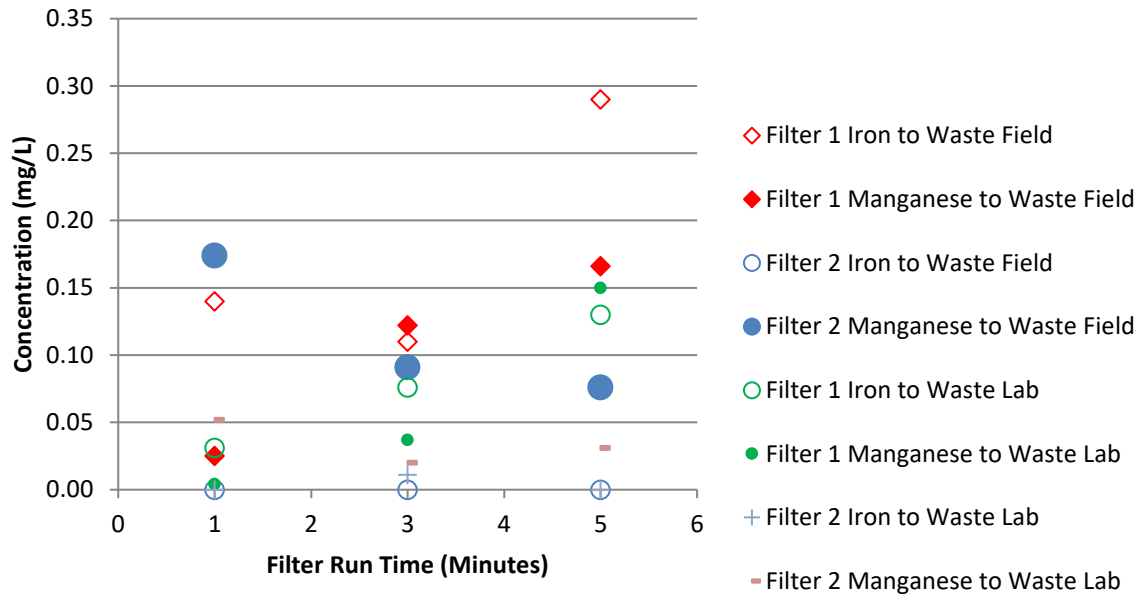
4.3 Headloss and Run Length

There was no observable headloss for the duration of the pilot study. The contaminants were filtered out as fine particles so it is expected that breakthrough would occur before an increase in headloss. There was also no observable breakthrough for the duration of the pilot study. Backwash was initiated based on time. Run times were 76 hours and 90 hours.

4.4 Backwash and Filter to Waste

Samples were taken during the first 5 minutes of filter start-up after backwash to observe the levels of iron and manganese in the effluent. As can be seen in Figure J, there are higher levels of iron and manganese in the effluent than in normal operation. This is attributed to the media bed being disturbed and not 100% of the iron and manganese being removed during backwash. Some of this leftover iron and manganese is then free to exit in the filter effluents. It takes a short period of time for the media bed to go back to equilibrium and achieve the effluent results seen earlier in the report.

Figure J: Filter to Waste Iron and Manganese



5 Conclusions

1. Both filters, dosed with chlorine, and at a loading rate of 3.0 gpm/ft² effectively lowered manganese to below its respective SMCL (Mn<0.05 mg/L) to an average of ≥0.002 for both run 1 and 2 for both the IMAR™ and GreensandPlus™ media beds. GreensandPlus™ showed no clear advantage over the IMAR™ in terms of its performance of Mn removal.
2. Both filters, dosed with Kurita Water's proprietary blend of TonkaZorb™ Hydrous Manganese Oxide (HMO), and at a loading rate of 3.0 gpm/ft² effectively lowered manganese to below its respective SMCL (Mn<0.05 mg/L) to an average of ≥0.002 for both run 1 and 2 for both the IMAR™ and GreensandPlus™ media beds. GreensandPlus™ showed no clear advantage over the IMAR™ in terms of its performance of Mn removal.
5 pCi/L and gross alpha of less than 15 pCi/L.
3. Both filters were dosed with chlorine bleach (sodium hypochlorite) and TonkaZorb™ at the same dosages. The chlorine dosage was approximately 2.0-2.2mg/L to achieve a free chlorine residual of ~ 0.8mg/L. Breakpoint chlorination was achieved during this pilot. The HMO dosage was 1ppm as Mn, this in addition to the raw manganese created a Mn concentration above the filter bed >1ppm to aid the removal of Radium and Gross Alpha. Both filters were able to effectively remove Mn, Fe and NH₃ with these dosages.
4. At a loading rate of 3.0 gpm/ft², the 30" of Tonka Water IMAR™ dual media performed in such that all effluent lab samples were below their respective SMCL or MCL for Fe, Mn and Combined Radium. Per the stretch goal of <2.5pCi/L of the City of Inver Grove Heights, by the end of the pilot the IMAR™ filter was able to achieve this after a pseudo steady state of HMO feed was established to coat the media. Given the high concentration of oxidized manganese added to the filter, this allowed the additional filtration of Mn without the addition of permanganate and only needed the addition of chlorine to complete the oxidation of Mn and Fe in the source water. If given more time, eventually it is expected that the IMAR™ filter will perform relatively evenly in its ability to remove combined radium to that of a GreensandPlus™ bedded filter. Run 1 average effluent of radium was 2.67pCi/L (71.4% removal) and run 2 average radium was 1.50pCi/L (86.3% removal).
5. At a loading rate of 3.0 gpm/ft², the 18" of GreensandPlus™ /12" of anthracite dual media performed in such that all effluent lab samples were below their respective SMCL or MCL for Fe, Mn and Combined Radium. The media was able to remove the radium to a lower concentration than the IMAR™ filter, however as the pilot progressed, the performance gap between the two was closing and it is possible that given more time eventually will perform similarly to the IMAR™. Run 1 average effluent of radium was 0.24pCi/L (97.5% removal) and run 2 average radium was 0.39pCi/L (96.4% removal).

6. No head loss was observed during this pilot as the pilot did not generate any. Runtime cannot be determined by this.
7. The run lengths will need to be field determined on the full-scale system based on well combinations. Due to time constraints and needing to backwash the filter to show performance of backwashing and repeatability of the experiment, the 1st run had to be terminated after 1 week (or ~ 76 hours of runtime) and the second run was terminated at ~90 hours of runtime. At the end of each run, neither filters were showing signs of breakthrough so at the very least with the well combinations tested, the filters can reliably run for >72 hours. This should be studied further by IGH operators via ladder study with well combinations to determine Mn breakthrough to determine run lengths.

The Tonka Water's Simul-Wash™ backwash system was simulated during the pilot. This method successfully cleaned the filter media between runs.

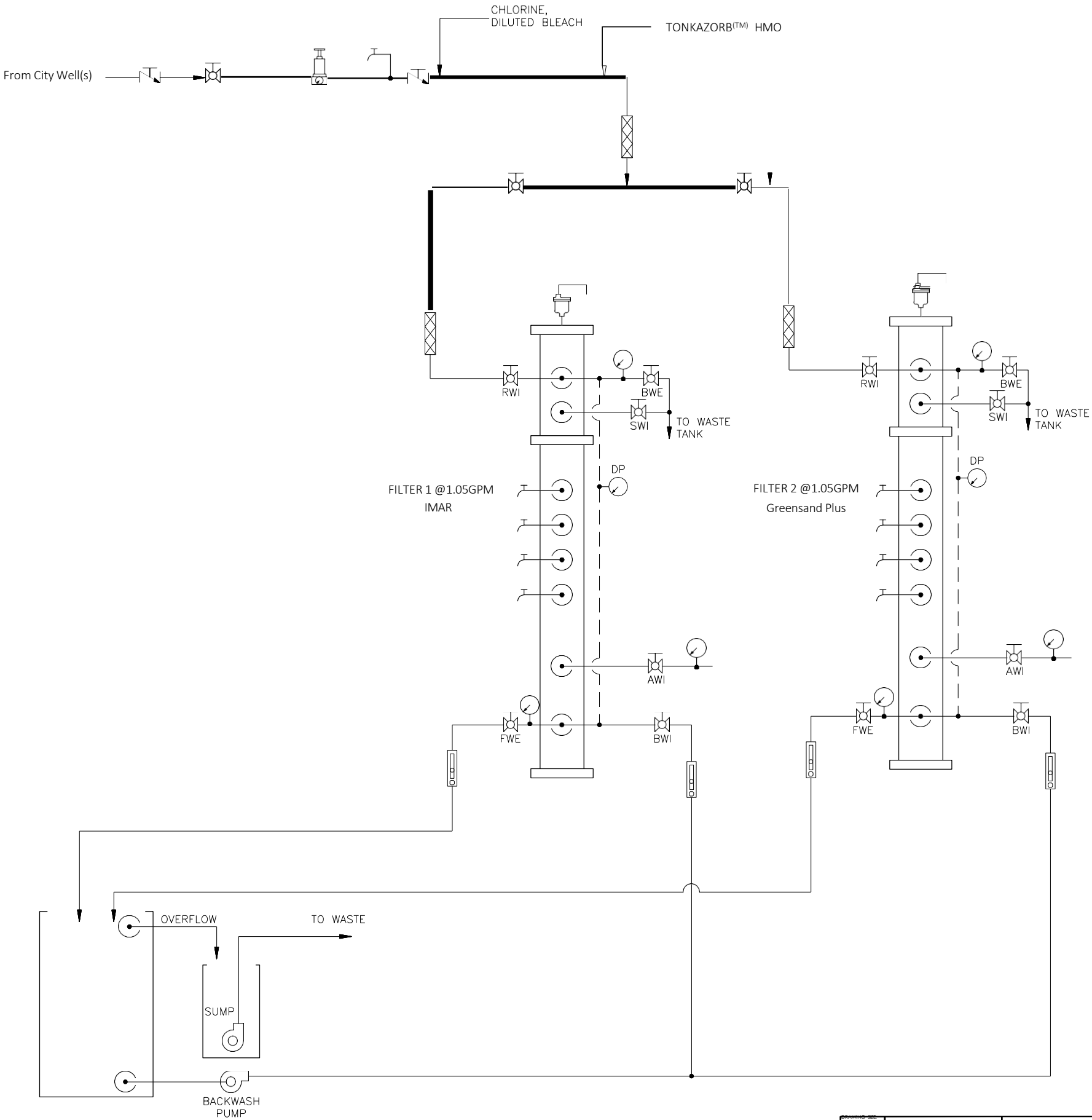
6 Recommendations

The recommendations listed below are provided using the results from this pilot.

1. Full scale manganese removal using oxidation via chlorine addition followed by media filtration bedded with 30" IMAR™ at a 3.0 gpm/ft² loading rate. The GreensandPlus™ performed better in terms of Radium removal but removed the radium to much farther than what is necessary and over time is a slightly accumulative media which will hold onto radium. It is further recommended to bed the system with IMAR™ as it was able to still achieve the stretch goal of <2.5pCi/L and was still improving by the end of the pilot at a fraction of the price of GreensandPlus™.
2. Full scale radium removal using chemical Kurita America TonkaZorb™ Hydrous Manganese Oxide dosed to a 1.0mg/L dosage followed by media filtration.
3. Pre filtration chlorine injection should be added to breakpoint chlorination at a dosage of 2.0-2.2 mg/L based on pilot data to achieve a residual of 0.8 mg/L (depends on well combinations).
4. An air and water backwash system such as Tonka Water's SimulWash™ to minimize waste volumes and achieve proper cleaning. This would require the installation of SimulWash™ troughs. SimulWash™ troughs will fit in the existing filters and still allow for enough freeboard.

APPENDIX A

Pilot Flow Schematic



LEGEND

PUMP

FLOW DIRECTION

CONNECTION POINT

PIPING CROSSOVER

TEE CONNECTION TO TANK

ELBOW CONNECTION TO TANK

BALL VALVE

STATIC MIXER

AIR RELEASE VALVE

SAMPLE TAP

PRESSURE GAUGE

ROTAMETER

HAND WHEEL OPERATED

PRESSURE REGULATING VALVE

CHECK VALVE

VALVE NOMENCLATURE

- RWI
- RAW WATER INFLUENT
- BWE
- BACKWASH EFFLUENT
- FWE
- FILTERED WATER EFFLUENT
- BWI
- BACKWASH INFLUENT
- SWE
- SIMULWASH EFFLUENT
- AWI
- AIRWASH INFLUENT

NOTE: SOME ITEMS SHOWN MAY BE BY OTHERS – REFER TO TONKA LETTER OF QUOTATION FOR ITEMS IN TONKA SCOPE OF SUPPLY. SYSTEM SCHEMATIC SHOWN FOR REFERENCE PURPOSES ONLY.

D

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DRAWN BY:
BRP

START DATE:
4/28/2022

PROJECT MGR:
NONE

APPR. DATE:

PILOT SCHEMATIC

PRE-SUBMITTAL DRAWING

Inver Grove Heights, MN

SHEET NUMBER:
1 OF 1

REV:
1

DRAWING NUMBER:

PROJECT NUMBER:

for quote

APPENDIX B

Laboratory Results and Laboratory Reports

ANALYTICAL REPORT

PREPARED FOR

Attn: Lynda Kruse
UC Laboratory
129 North Main
PO BOX 551
Janesville, Minnesota 56048

Generated 7/11/2023 1:33:40 PM

JOB DESCRIPTION

UC Laboratory

JOB NUMBER

810-65505-1

Eurofins Eaton Analytical South Bend

Job Notes

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Definitions/Glossary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Job ID: 810-65505-1

Laboratory: Eurofins Eaton Analytical South Bend

Narrative

Job Narrative 810-65505-1

Receipt

The samples were received on 6/7/2023 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 1.8°C

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

Method SM7500_Ra_D: Sample had a high biased barium carrier recovery. Results may be low biased, but because result is less than the detection limit of 1pCi/L sample is unaffected. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 83.0 mg.

Method SM7500_Ra_D: Sample had a low biased barium carrier recovery. Results may be high biased, but because result is less than the detection limit of 1pCi/L sample is unaffected. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 35.1 mg.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Raw 1-1_45079.023

Lab Sample ID: 810-65505-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	27		0.10	mg/L	1		200.7	Total/NA
Calcium	73		0.10	mg/L	1		200.7	Total/NA
Iron	0.078		0.010	mg/L	1		200.7	Total/NA
Manganese	230		2.0	ug/L	1		200.8	Total/NA
Hardness as calcium carbonate	290		0.66	mg/L	1		SM 2340B	Total Recoverable
Calcium hardness as calcium carbonate	180		0.25	mg/L	1		SM 2340B	Total Recoverable
Magnesium hardness as calcium carbonate	110		0.41	mg/L	1		SM 2340B	Total Recoverable
Alkalinity, Total	280		1.0	mg/L	1		SM 2320B	Total/NA
Ammonia, Nitrogen	0.17		0.10	mg/L	1		SM 4500 NH3 D	Total/NA

Client Sample ID: Inver Grove Heights, Filter 1 1-1_45079.024

Lab Sample ID: 810-65505-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	26		0.10	mg/L	1		200.7	Total/NA
Calcium	71		0.10	mg/L	1		200.7	Total/NA
Hardness as calcium carbonate	290		0.66	mg/L	1		SM 2340B	Total Recoverable
Calcium hardness as calcium carbonate	180		0.25	mg/L	1		SM 2340B	Total Recoverable
Magnesium hardness as calcium carbonate	110		0.41	mg/L	1		SM 2340B	Total Recoverable
Alkalinity, Total	270		1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: Inver Grove Heights, Filter 2 1-1_45079.025

Lab Sample ID: 810-65505-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	27		0.10	mg/L	1		200.7	Total/NA
Calcium	71		0.10	mg/L	1		200.7	Total/NA
Hardness as calcium carbonate	290		0.66	mg/L	1		SM 2340B	Total Recoverable
Calcium hardness as calcium carbonate	180		0.25	mg/L	1		SM 2340B	Total Recoverable
Magnesium hardness as calcium carbonate	110		0.41	mg/L	1		SM 2340B	Total Recoverable
Alkalinity, Total	280		1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: Inver Grove Heights, Raw 1-2_45079.028

Lab Sample ID: 810-65505-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.081		0.010	mg/L	1		200.7	Total/NA
Manganese	240		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: Inver Grove Heights, Filter 1 1-2_45079.029

Lab Sample ID: 810-65505-5

No Detections.

Client Sample ID: Inver Grove Heights, Filter 2 1-2_45079.030

Lab Sample ID: 810-65505-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Detection Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, TOF 1-R1_45079.026

Lab Sample ID: 810-65505-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Manganese	530		2.0	ug/L	1		200.8	Total Recoverable

Client Sample ID: Inver Grove Heights, TOF 2-R1_45079.027

Lab Sample ID: 810-65505-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Manganese	770		2.0	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Raw 1-1_45079.023

Lab Sample ID: 810-65505-1

Date Collected: 05/31/23 13:45

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	27		0.10	mg/L			06/13/23 11:05	1
Calcium	73		0.10	mg/L			06/13/23 11:05	1
Iron	0.078		0.010	mg/L			06/13/23 11:05	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	230		2.0	ug/L			06/12/23 19:44	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	290		0.66	mg/L			06/20/23 14:25	1
Calcium hardness as calcium carbonate	180		0.25	mg/L			06/20/23 14:25	1
Magnesium hardness as calcium carbonate	110		0.41	mg/L			06/20/23 14:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	280		1.0	mg/L			06/08/23 14:54	1
Ammonia, Nitrogen (SM 4500 NH3 D)	0.17		0.10	mg/L			06/13/23 08:51	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	9.16				1.00	0.450	pCi/L		06/27/23 14:39	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	8.37				1.00	0.450	pCi/L	06/12/23 11:53	06/26/23 09:54	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	0.790				1.00	0.390	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Client Sample ID: Inver Grove Heights, Filter 1 1-1_45079.024

Lab Sample ID: 810-65505-2

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	26		0.10	mg/L			06/13/23 11:07	1
Calcium	71		0.10	mg/L			06/13/23 11:07	1
Iron	<0.010		0.010	mg/L			06/13/23 11:07	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Filter 1 1-1_45079.024

Lab Sample ID: 810-65505-2

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/12/23 19:47	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	290		0.66	mg/L			06/20/23 14:25	1
Calcium hardness as calcium carbonate	180		0.25	mg/L			06/20/23 14:25	1
Magnesium hardness as calcium carbonate	110		0.41	mg/L			06/20/23 14:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	270		1.0	mg/L			06/08/23 14:35	1
Ammonia, Nitrogen (SM 4500 NH3 D)	<0.10		0.10	mg/L			06/13/23 09:44	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.06				1.00	0.940	pCi/L		06/27/23 14:39	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	2.06				1.00	0.290	pCi/L	06/12/23 11:53	06/26/23 09:54	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-1.86	U			1.00	0.940	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Client Sample ID: Inver Grove Heights, Filter 2 1-1_45079.025

Lab Sample ID: 810-65505-3

Date Collected: 05/31/23 13:55

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	27		0.10	mg/L			06/13/23 11:09	1
Calcium	71		0.10	mg/L			06/13/23 11:09	1
Iron	<0.010		0.010	mg/L			06/13/23 11:09	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/12/23 19:49	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	290		0.66	mg/L			06/20/23 14:25	1
Calcium hardness as calcium carbonate	180		0.25	mg/L			06/20/23 14:25	1

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Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Filter 2 1-1_45079.025

Lab Sample ID: 810-65505-3

Date Collected: 05/31/23 13:55

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: SM 2340B - Total Hardness (as CaCO3) by calculation - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium hardness as calcium carbonate	110		0.41	mg/L			06/20/23 14:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	280		1.0	mg/L			06/08/23 14:44	1
Ammonia, Nitrogen (SM 4500 NH3 D)	<0.10		0.10	mg/L			06/13/23 08:58	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.000	U			1.00	0.660	pCi/L		06/23/23 09:04	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.0300	U			1.00	0.560	pCi/L	06/12/23 11:53	06/22/23 10:23	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.750	U			1.00	0.660	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Client Sample ID: Inver Grove Heights, Raw 1-2_45079.028

Lab Sample ID: 810-65505-4

Date Collected: 06/01/23 11:10

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.081		0.010	mg/L			06/13/23 11:11	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	240		2.0	ug/L			06/12/23 19:57	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	8.61				1.00	0.740	pCi/L		06/27/23 14:39	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	7.17				1.00	0.650	pCi/L	06/12/23 11:53	06/26/23 09:54	1

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Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Raw 1-2_45079.028

Lab Sample ID: 810-65505-4

Date Collected: 06/01/23 11:10

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	1.44				1.00	0.740	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Client Sample ID: Inver Grove Heights, Filter 1 1-2_45079.029

Lab Sample ID: 810-65505-5

Date Collected: 06/01/23 11:15

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 11:13	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/12/23 20:00	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.26				1.00	0.680	pCi/L		06/27/23 14:39	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	2.22				1.00	0.470	pCi/L	06/12/23 11:53	06/26/23 09:54	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	1.04				1.00	0.680	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Client Sample ID: Inver Grove Heights, Filter 2 1-2_45079.030

Lab Sample ID: 810-65505-6

Date Collected: 06/01/23 11:20

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 11:26	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/12/23 20:02	1

Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Filter 2 1-2_45079.030

Lab Sample ID: 810-65505-6

Date Collected: 06/01/23 11:20

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.720				1.00	0.590	pCi/L		06/23/23 09:04	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.720				1.00	0.510	pCi/L	06/12/23 11:53	06/22/23 10:24	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.320	U			1.00	0.590	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Client Sample ID: Inver Grove Heights, TOF 1-R1_45079.026

Lab Sample ID: 810-65505-7

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	530		2.0	ug/L		06/13/23 16:25	06/14/23 13:07	1

Client Sample ID: Inver Grove Heights, TOF 2-R1_45079.027

Lab Sample ID: 810-65505-8

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	770		2.0	ug/L		06/13/23 16:25	06/14/23 13:10	1

QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method: 200.7 - Metals (ICP)

Lab Sample ID: MB 810-62323/106
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 14:02	1
Calcium	<0.10		0.10	mg/L			06/13/23 14:02	1
Iron	<0.010		0.010	mg/L			06/13/23 14:02	1

Lab Sample ID: MB 810-62323/12
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 10:41	1
Calcium	<0.10		0.10	mg/L			06/13/23 10:41	1
Iron	<0.010		0.010	mg/L			06/13/23 10:41	1

Lab Sample ID: MB 810-62323/45
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 11:52	1
Calcium	<0.10		0.10	mg/L			06/13/23 11:52	1
Iron	<0.010		0.010	mg/L			06/13/23 11:52	1

Lab Sample ID: MB 810-62323/76
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 12:58	1
Calcium	<0.10		0.10	mg/L			06/13/23 12:58	1
Iron	<0.010		0.010	mg/L			06/13/23 12:58	1

Lab Sample ID: LCS 810-62323/15
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	5.23		mg/L		105	85 - 115
Calcium	5.00	5.18		mg/L		104	85 - 115
Iron	5.00	5.21		mg/L		104	85 - 115

Lab Sample ID: LLCS 810-62323/11
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	0.0100	0.0104	J	mg/L		104	50 - 150
Calcium	0.0100	<0.025		mg/L		124	50 - 150
Iron	0.0100	0.0103		mg/L		103	50 - 150

QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method: 200.7 - Metals (ICP) (Continued)

Lab Sample ID: LLCS 810-62323/13
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	0.100	0.0894	J	mg/L		89	50 - 150
Calcium	0.100	0.0819	J	mg/L		82	50 - 150

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 810-62206/12
Matrix: Drinking Water
Analysis Batch: 62206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/12/23 16:40	1

Lab Sample ID: MB 810-62206/72
Matrix: Drinking Water
Analysis Batch: 62206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/12/23 19:15	1

Lab Sample ID: LCS 810-62206/73
Matrix: Drinking Water
Analysis Batch: 62206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	52.4		ug/L		105	85 - 115

Lab Sample ID: LLCS 810-62206/11
Matrix: Drinking Water
Analysis Batch: 62206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		97	50 - 150

Lab Sample ID: MB 810-62362/1-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 12:51	1

Lab Sample ID: MB 810-62362/1-A
Matrix: Drinking Water
Analysis Batch: 62519

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 15:24	1

QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 810-62362/6-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	51.2		ug/L		102	85 - 115

Lab Sample ID: LCS 810-62362/6-A
Matrix: Drinking Water
Analysis Batch: 62519

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	50.7		ug/L		101	85 - 115

Lab Sample ID: LLCS 810-62362/2-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		101	50 - 150

Lab Sample ID: LLCS 810-62362/2-A
Matrix: Drinking Water
Analysis Batch: 62519

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		98	50 - 150

Lab Sample ID: LLCS 810-62362/3-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	1.00	0.999	J	ug/L		100	50 - 150

Lab Sample ID: LLCS 810-62362/3-A
Matrix: Drinking Water
Analysis Batch: 62519

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	1.00	1.01	J	ug/L		101	50 - 150

Lab Sample ID: LLCS 810-62362/4-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	2.00	1.96	J	ug/L		98	50 - 150

Lab Sample ID: LLCS 810-62362/4-A
Matrix: Drinking Water
Analysis Batch: 62519

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	2.00	1.98	J	ug/L		99	50 - 150

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QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method: SM 2320B - Alkalinity

Lab Sample ID: MBL 810-61918/6
Matrix: Drinking Water
Analysis Batch: 61918

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<1.0		1.0	mg/L			06/08/23 11:44	1

Lab Sample ID: LCS 810-61918/4
Matrix: Drinking Water
Analysis Batch: 61918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	101		mg/L		101	78 - 114

Lab Sample ID: LLCS 810-61918/5
Matrix: Drinking Water
Analysis Batch: 61918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	1.00	1.28		mg/L		128	50 - 150

Method: SM 4500 NH3 D - Ammonia

Lab Sample ID: MBL 810-62268/6
Matrix: Drinking Water
Analysis Batch: 62268

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia, Nitrogen	<0.046		0.10	mg/L			06/13/23 08:17	1

Lab Sample ID: LCS 810-62268/4
Matrix: Drinking Water
Analysis Batch: 62268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	2.50	2.47		mg/L		99	84 - 113

Lab Sample ID: LLCS 810-62268/5
Matrix: Drinking Water
Analysis Batch: 62268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	0.100	0.0900	J	mg/L		90	50 - 150

Method: SM7500 Ra B - Radium-226

Lab Sample ID: MB 810-62120/1-A
Matrix: Drinking Water
Analysis Batch: 63406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62120

Analyte	MB Result	MB Qualifier	Count Uncert. (σ +/-)	Total Uncert. (σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	-0.2200	U			1.00	0.520	pCi/L	06/12/23 11:53	06/22/23 10:23	1

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QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method: SM7500 Ra B - Radium-226 (Continued)

Lab Sample ID: LCS 810-62120/2-A
Matrix: Drinking Water
Analysis Batch: 63406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62120

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.03	4.530			1.00	0.510	pCi/L	90	90 - 110

Lab Sample ID: 810-65505-6 MS
Matrix: Drinking Water
Analysis Batch: 63406

Client Sample ID: Inver Grove Heights, Filter 2 1-2_45079.030
Prep Type: Total/NA
Prep Batch: 62120

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	0.720		5.58	4.930			1.00	0.640	pCi/L	88	80 - 120

Lab Sample ID: 810-65505-6 MSD
Matrix: Drinking Water
Analysis Batch: 63406

Client Sample ID: Inver Grove Heights, Filter 2 1-2_45079.030
Prep Type: Total/NA
Prep Batch: 62120

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Ra-226	0.720		5.58	5.640			1.00	0.530	pCi/L	101	80 - 120	13	20

Method: SM7500 Ra D - Radium-228

Lab Sample ID: MB 810-62119/1-A
Matrix: Drinking Water
Analysis Batch: 65205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62119

Analyte	MB Result	MB Qualifier	Count Uncert. (σ +/-)	Total Uncert. (σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.5600	U			1.00	0.680	pCi/L	06/12/23 11:47	07/07/23 12:50	1

Lab Sample ID: LCS 810-62119/2-A
Matrix: Drinking Water
Analysis Batch: 65205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62119

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	4.28	3.550			1.00	0.440	pCi/L	83	80 - 120

Lab Sample ID: 810-65505-1 MS
Matrix: Drinking Water
Analysis Batch: 65205

Client Sample ID: Inver Grove Heights, Raw 1-1_45079.023
Prep Type: Total/NA
Prep Batch: 62119

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	0.790		4.75	5.250			1.00	0.640	pCi/L	111	70 - 130

QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method: SM7500 Ra D - Radium-228 (Continued)

Lab Sample ID: 810-65505-1 MSD
Matrix: Drinking Water
Analysis Batch: 65205

Client Sample ID: Inver Grove Heights, Raw 1-1_45079.023
Prep Type: Total/NA
Prep Batch: 62119

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Ra-228	0.790		4.74	4.700			1.00	0.540	pCi/L	99	70 - 130	11	20

QC Association Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Metals

Analysis Batch: 62206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	200.8	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total/NA	Drinking Water	200.8	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total/NA	Drinking Water	200.8	
810-65505-4	Inver Grove Heights, Raw 1-2_45079.028	Total/NA	Drinking Water	200.8	
810-65505-5	Inver Grove Heights, Filter 1 1-2_45079.029	Total/NA	Drinking Water	200.8	
810-65505-6	Inver Grove Heights, Filter 2 1-2_45079.030	Total/NA	Drinking Water	200.8	
MB 810-62206/12	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-62206/72	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-62206/73	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-62206/11	Lab Control Sample	Total/NA	Drinking Water	200.8	

Analysis Batch: 62323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	200.7	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total/NA	Drinking Water	200.7	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total/NA	Drinking Water	200.7	
810-65505-4	Inver Grove Heights, Raw 1-2_45079.028	Total/NA	Drinking Water	200.7	
810-65505-5	Inver Grove Heights, Filter 1 1-2_45079.029	Total/NA	Drinking Water	200.7	
810-65505-6	Inver Grove Heights, Filter 2 1-2_45079.030	Total/NA	Drinking Water	200.7	
MB 810-62323/106	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-62323/12	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-62323/45	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-62323/76	Method Blank	Total/NA	Drinking Water	200.7	
LCS 810-62323/15	Lab Control Sample	Total/NA	Drinking Water	200.7	
LLCS 810-62323/11	Lab Control Sample	Total/NA	Drinking Water	200.7	
LLCS 810-62323/13	Lab Control Sample	Total/NA	Drinking Water	200.7	

Prep Batch: 62362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-7	Inver Grove Heights, TOF 1-R1_45079.026	Total Recoverable	Drinking Water	200.8	
810-65505-8	Inver Grove Heights, TOF 2-R1_45079.027	Total Recoverable	Drinking Water	200.8	
MB 810-62362/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	
LCS 810-62362/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	

Analysis Batch: 62494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-7	Inver Grove Heights, TOF 1-R1_45079.026	Total Recoverable	Drinking Water	200.8	62362
810-65505-8	Inver Grove Heights, TOF 2-R1_45079.027	Total Recoverable	Drinking Water	200.8	62362
MB 810-62362/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	62362
LCS 810-62362/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362

Analysis Batch: 62519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 810-62362/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	62362
LCS 810-62362/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362

Eurofins Eaton Analytical South Bend

QC Association Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Metals (Continued)

Analysis Batch: 62519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 810-62362/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362

Analysis Batch: 63122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total Recoverable	Drinking Water	SM 2340B	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total Recoverable	Drinking Water	SM 2340B	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total Recoverable	Drinking Water	SM 2340B	

General Chemistry

Analysis Batch: 61918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	SM 2320B	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total/NA	Drinking Water	SM 2320B	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total/NA	Drinking Water	SM 2320B	
MBL 810-61918/6	Method Blank	Total/NA	Drinking Water	SM 2320B	
LCS 810-61918/4	Lab Control Sample	Total/NA	Drinking Water	SM 2320B	
LLCS 810-61918/5	Lab Control Sample	Total/NA	Drinking Water	SM 2320B	

Analysis Batch: 62268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	SM 4500 NH3 D	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total/NA	Drinking Water	SM 4500 NH3 D	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total/NA	Drinking Water	SM 4500 NH3 D	
MBL 810-62268/6	Method Blank	Total/NA	Drinking Water	SM 4500 NH3 D	
LCS 810-62268/4	Lab Control Sample	Total/NA	Drinking Water	SM 4500 NH3 D	
LLCS 810-62268/5	Lab Control Sample	Total/NA	Drinking Water	SM 4500 NH3 D	

Rad

Prep Batch: 62119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	RAD Prep	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total/NA	Drinking Water	RAD Prep	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total/NA	Drinking Water	RAD Prep	
810-65505-4	Inver Grove Heights, Raw 1-2_45079.028	Total/NA	Drinking Water	RAD Prep	
810-65505-5	Inver Grove Heights, Filter 1 1-2_45079.029	Total/NA	Drinking Water	RAD Prep	
810-65505-6	Inver Grove Heights, Filter 2 1-2_45079.030	Total/NA	Drinking Water	RAD Prep	
MB 810-62119/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62119/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	
810-65505-1 MS	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	RAD Prep	
810-65505-1 MSD	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Total/NA	Drinking Water	RAD Prep	
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Total/NA	Drinking Water	RAD Prep	
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Total/NA	Drinking Water	RAD Prep	
810-65505-4	Inver Grove Heights, Raw 1-2_45079.028	Total/NA	Drinking Water	RAD Prep	
810-65505-5	Inver Grove Heights, Filter 1 1-2_45079.029	Total/NA	Drinking Water	RAD Prep	

Eurofins Eaton Analytical South Bend

QC Association Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Rad (Continued)

Prep Batch: 62120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65505-6	Inver Grove Heights, Filter 2 1-2_45079.030	Total/NA	Drinking Water	RAD Prep	
MB 810-62120/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62120/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	
810-65505-6 MS	Inver Grove Heights, Filter 2 1-2_45079.030	Total/NA	Drinking Water	RAD Prep	
810-65505-6 MSD	Inver Grove Heights, Filter 2 1-2_45079.030	Total/NA	Drinking Water	RAD Prep	

Lab Chronicle

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Raw 1-1_45079.023

Lab Sample ID: 810-65505-1

Date Collected: 05/31/23 13:45

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 11:05
Total/NA	Analysis	200.8		1	62206	NB	EA SB	06/12/23 19:44
Total Recoverable	Analysis	SM 2340B		1	63122	JW	EA SB	06/20/23 14:25
Total/NA	Analysis	SM 2320B		1	61918	KH	EA SB	06/08/23 14:54
Total/NA	Analysis	SM 4500 NH3 D		1	62268	KH	EA SB	06/13/23 08:51
Total/NA	Analysis	7500 Ra D		1	63521	OO	EA SB	06/27/23 14:39
Total/NA	Prep	RAD Prep			62120	SS	EA SB	06/12/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63853	SM	EA SB	06/26/23 09:54 - 06/26/23 10:24 ¹
Total/NA	Prep	RAD Prep			62119	SS	EA SB	06/12/23 11:47
Total/NA	Analysis	SM7500 Ra D		1	65205	OO	EA SB	07/07/23 12:50 - 07/07/23 14:50 ¹

Client Sample ID: Inver Grove Heights, Filter 1 1-1_45079.024

Lab Sample ID: 810-65505-2

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 11:07
Total/NA	Analysis	200.8		1	62206	NB	EA SB	06/12/23 19:47
Total Recoverable	Analysis	SM 2340B		1	63122	JW	EA SB	06/20/23 14:25
Total/NA	Analysis	SM 2320B		1	61918	KH	EA SB	06/08/23 14:35
Total/NA	Analysis	SM 4500 NH3 D		1	62268	KH	EA SB	06/13/23 09:44
Total/NA	Analysis	7500 Ra D		1	63521	OO	EA SB	06/27/23 14:39
Total/NA	Prep	RAD Prep			62120	SS	EA SB	06/12/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63853	SM	EA SB	06/26/23 09:54 - 06/26/23 10:24 ¹
Total/NA	Prep	RAD Prep			62119	SS	EA SB	06/12/23 11:47
Total/NA	Analysis	SM7500 Ra D		1	65205	OO	EA SB	07/07/23 12:50 - 07/07/23 14:50 ¹

Client Sample ID: Inver Grove Heights, Filter 2 1-1_45079.025

Lab Sample ID: 810-65505-3

Date Collected: 05/31/23 13:55

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 11:09
Total/NA	Analysis	200.8		1	62206	NB	EA SB	06/12/23 19:49
Total Recoverable	Analysis	SM 2340B		1	63122	JW	EA SB	06/20/23 14:25
Total/NA	Analysis	SM 2320B		1	61918	KH	EA SB	06/08/23 14:44
Total/NA	Analysis	SM 4500 NH3 D		1	62268	KH	EA SB	06/13/23 08:58
Total/NA	Analysis	7500 Ra D		1	63521	OO	EA SB	06/23/23 09:04
Total/NA	Prep	RAD Prep			62120	SS	EA SB	06/12/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63406	SM	EA SB	06/22/23 10:23 - 06/22/23 10:53 ¹
Total/NA	Prep	RAD Prep			62119	SS	EA SB	06/12/23 11:47
Total/NA	Analysis	SM7500 Ra D		1	65205	OO	EA SB	07/07/23 12:50 - 07/07/23 14:50 ¹

Eurofins Eaton Analytical South Bend

Lab Chronicle

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, Raw 1-2_45079.028

Lab Sample ID: 810-65505-4

Date Collected: 06/01/23 11:10

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 11:11
Total/NA	Analysis	200.8		1	62206	NB	EA SB	06/12/23 19:57
Total/NA	Analysis	7500 Ra D		1	63521	OO	EA SB	06/27/23 14:39
Total/NA	Prep	RAD Prep			62120	SS	EA SB	06/12/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63853	SM	EA SB	06/26/23 09:54 - 06/26/23 10:24 ¹
Total/NA	Prep	RAD Prep			62119	SS	EA SB	06/12/23 11:47
Total/NA	Analysis	SM7500 Ra D		1	65205	OO	EA SB	07/07/23 12:50 - 07/07/23 14:50 ¹

Client Sample ID: Inver Grove Heights, Filter 1 1-2_45079.029

Lab Sample ID: 810-65505-5

Date Collected: 06/01/23 11:15

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 11:13
Total/NA	Analysis	200.8		1	62206	NB	EA SB	06/12/23 20:00
Total/NA	Analysis	7500 Ra D		1	63521	OO	EA SB	06/27/23 14:39
Total/NA	Prep	RAD Prep			62120	SS	EA SB	06/12/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63853	SM	EA SB	06/26/23 09:54 - 06/26/23 10:24 ¹
Total/NA	Prep	RAD Prep			62119	SS	EA SB	06/12/23 11:47
Total/NA	Analysis	SM7500 Ra D		1	65205	OO	EA SB	07/07/23 12:50 - 07/07/23 14:50 ¹

Client Sample ID: Inver Grove Heights, Filter 2 1-2_45079.030

Lab Sample ID: 810-65505-6

Date Collected: 06/01/23 11:20

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 11:26
Total/NA	Analysis	200.8		1	62206	NB	EA SB	06/12/23 20:02
Total/NA	Analysis	7500 Ra D		1	63521	OO	EA SB	06/23/23 09:04
Total/NA	Prep	RAD Prep			62120	SS	EA SB	06/12/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63406	SM	EA SB	06/22/23 10:24 - 06/22/23 10:54 ¹
Total/NA	Prep	RAD Prep			62119	SS	EA SB	06/12/23 11:47
Total/NA	Analysis	SM7500 Ra D		1	65205	OO	EA SB	07/07/23 12:50 - 07/07/23 14:50 ¹

Client Sample ID: Inver Grove Heights, TOF 1-R1_45079.026

Lab Sample ID: 810-65505-7

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			62362	NB	EA SB	06/13/23 16:25
Total Recoverable	Analysis	200.8		1	62494	NB	EA SB	06/14/23 13:07

Eurofins Eaton Analytical South Bend

Lab Chronicle

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Client Sample ID: Inver Grove Heights, TOF 2-R1_45079.027

Lab Sample ID: 810-65505-8

Date Collected: 05/31/23 13:50

Matrix: Drinking Water

Date Received: 06/07/23 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			62362	NB	EA SB	06/13/23 16:25
Total Recoverable	Analysis	200.8		1	62494	NB	EA SB	06/14/23 13:10

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:
EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Accreditation/Certification Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Laboratory: Eurofins Eaton Analytical South Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	1989807	12-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7500 Ra D		Drinking Water	Combined Radium 226 + 228
SM 2340B		Drinking Water	Calcium hardness as calcium carbonate
SM 2340B		Drinking Water	Magnesium hardness as calcium carbonate
SM 4500 NH3 D		Drinking Water	Ammonia, Nitrogen

Method Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Method	Method Description	Protocol	Laboratory
200.7	Metals (ICP)	EPA	EA SB
200.8	Metals (ICP/MS)	EPA	EA SB
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	EA SB
SM 2320B	Alkalinity	SM	EA SB
SM 4500 NH3 D	Ammonia	SM	EA SB
7500 Ra D	Radium 226 Radium 228 Combined	SM	EA SB
SM7500 Ra B	Radium-226	SM	EA SB
SM7500 Ra D	Radium-228	SM	EA SB
200.8	Preparation, Total Recoverable Metals	EPA	EA SB
RAD Prep	Preparation, Radiologicals	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-65505-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-65505-1	Inver Grove Heights, Raw 1-1_45079.023	Drinking Water	05/31/23 13:45	06/07/23 08:45
810-65505-2	Inver Grove Heights, Filter 1 1-1_45079.024	Drinking Water	05/31/23 13:50	06/07/23 08:45
810-65505-3	Inver Grove Heights, Filter 2 1-1_45079.025	Drinking Water	05/31/23 13:55	06/07/23 08:45
810-65505-4	Inver Grove Heights, Raw 1-2_45079.028	Drinking Water	06/01/23 11:10	06/07/23 08:45
810-65505-5	Inver Grove Heights, Filter 1 1-2_45079.029	Drinking Water	06/01/23 11:15	06/07/23 08:45
810-65505-6	Inver Grove Heights, Filter 2 1-2_45079.030	Drinking Water	06/01/23 11:20	06/07/23 08:45
810-65505-7	Inver Grove Heights, TOF 1-R1_45079.026	Drinking Water	05/31/23 13:50	06/07/23 08:45
810-65505-8	Inver Grove Heights, TOF 2-R1_45079.027	Drinking Water	05/31/23 13:50	06/07/23 08:45

Chain of Custody Record

810-65505 Chain of Custody



Client Contact: Lynda Kruse	Sampler: Joe Mattheis	Lab PM: Joe Mattheis	Carrier Tracking No(s): 810-6672-2003.1
Company: CCC Laboratory	Phone:	E-Mail: Joe Mattheis@et.eurofins.com	State of Origin:
Address: 129 North Main PO BOX 551	Due Date Requested:	PWSID:	Page: Page 1 of 4
City: Janesville	TAT Requested (days):	Analysis Requested:	Job #
State, Zip: WI, 53048	Compliance Project: ☐ Yes ☐ No		
Phone:	PO #:		
Email: Lynda@ccc-lab.com	WO #:		
Project Name:	Project #:		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Composite, BT=Blood, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Radium	Ammonia	Manganese 200.7	Iron 200.8	Calcium 200.9	Magnesium 200.10	Hardness	Alkalinity	Total Number of containers	Special Instructions/Note:
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water			X								5	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water			X								5	45079.024
Inver Grove Heights, Filter 2 1-1,	5/31/23	13:55		Drinking Water			X								5	45079.025
Inver Grove Heights, Raw 1-2,	6/1/23	11:10		Drinking Water			X								5	45079.028
Inver Grove Heights, Filter 1 1-2,	6/1/23	11:15		Drinking Water			X								5	45079.029
Inver Grove Heights, Filter 2 1-2,	6/1/23	11:20		Drinking Water			X								5	45079.030
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water			X								1	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water			X								1	45079.024
Inver Grove Heights, Filter 2 1-1,	5/31/23	13:55		Drinking Water			X								1	45079.025
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water			X								1	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water			X								1	45079.024

Possible Hazard Identification	Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:	Method of Shipment:	

Empty Kit Relinquished by:	Date:	Time:	Relinquished by:	Date/Time:	Company:	Relinquished by:	Date/Time:	Company:
Relinquished by:								
Relinquished by:								
Relinquished by:								
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:						

pH Acceptable
Client Provided Sample Container
Initial Temp: 4.5
Corrected Temp: 1.5
IR Gun # 48
Wet: 01/16/2019

Chain of Custody Record



Client Information		Sampler		Lab PM		Carrier Tracking No(s)		COC No	
Client Contact Lynda Kruse		Phone:		E-Mail: Joe.Mattheis@eurofins.com		State of Origin:		Page 2 of 4	
Company LJC Laboratory		PMSID:		Analysis Requested		Job #		810-6672-2003.1	
Address: 129 North Main PO BOX 551		Due Date Requested:		Field Filtered Sample (Yes or No)		Perform MS (Yes or No)		Preservation Codes:	
City: Janesville		TAT Requested (days):		Radium		Ammonia		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
State, Zip: MN, 55048		Compliance Project: ☐ Yes ☐ No		Manganese 200.7		Iron 200.8		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Decahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone:		PO #:		Calcium 200.9		Magnesium 200.10			
Email: Lynda@lucelaboratory.net		WO #:		Hardness		Alkalinity			
Project Name:		Project #:		Total Number of containers		Special Instructions/Note:			
Site:		SSOW#:							
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, On-site, Bacteria, AAU)	
Inver Grove Heights, Filter 2 1-1,		5/31/23		13:55				Drinking Water	
Inver Grove Heights, TOF 1-R1,		5/31/23		13:50				Drinking Water	
Inver Grove Heights, TOF 2-R1,		5/31/23		13:50				Drinking Water	
Inver Grove Heights, Raw 1-2,		6/1/23		11:10				Drinking Water	
Inver Grove Heights, Filter 1 1-2,		6/1/23		11:15				Drinking Water	
Inver Grove Heights, Filter 2 1-2,		6/1/23		11:20				Drinking Water	
Brownston, Effluent,		6/2/23		8:00				Drinking Water	
Inver Grove Heights, Raw 1-1,		5/31/23		13:45				Drinking Water	
Inver Grove Heights, Filter 1 1-1,		5/31/23		13:50				Drinking Water	
Inver Grove Heights, Filter 2 1-1,		5/31/23		13:55				Drinking Water	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		☐ Return To Client ☐ Disposal By Lab ☐ Archive For		Months	
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:					
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Initial Temp: 0.4/1.0 Corrected Temp: 1.2/1.5 IR Gun # 28		Ver: 07/16/2019	

South Bend, IN

110 S Hill Street
South Bend, IN 46617
Phone (574) 233-4777 Phone (574) 233-8207

Chain of Custody Record

eurofins

Environmental Testing
America

Client Information		Sampler:	Lab PM:	Carrier Tracking No(s)	COC No
Client Contact:	Lynda Kruse	Phone:	Joe Matheis		810-6672-2003.1
Company:	LLC Laboratory		E-Mail:	State of Origin:	Page: 3 of 4
Address:	129 North Main PO BOX 551	Due Date Requested:	Analysis Requested		
City:	Janesville	TAT Requested (days):			
State, Zip:	MN, 56048	Compliance Project: ☐ Yes ☐ No			
Phone:		PO #:			
Email:	Lynda@uclaboratory.net	WO #:			
Project Name:		Project #:			
Site:		SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (weaver, S=acid, Omwastick, B=Trisam, AAU)	Preservation Code:	Field Filtered Sample (Yes or No)	Radium	Ammonia	Manganese 200.7	Iron 200.8	Calcium 200.9	Magnesium 200.10	Hardness	Alkalinity	Total Number of containers	Special Instructions/Note:
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water											1	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water											1	45079.024
Inver Grove Heights, Filter 2 1-1,	5/31/23	13:55		Drinking Water											1	45079.025
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water											1	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water											1	45079.024
Inver Grove Heights, Filter 2 1-1,	5/31/23	13:55		Drinking Water											1	45079.025
Inver Grove Heights, Raw 1-2,	6/1/23	11:10		Drinking Water											1	45079.028
Inver Grove Heights, Filter 1 1-2,	6/1/23	11:15		Drinking Water											1	45079.029
Inver Grove Heights, Filter 2 1-2,	6/1/23	11:20		Drinking Water											1	45079.030

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client	☐ Disposal By Lab ☐ Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QAC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	Initial Temp. ☐ Corrected Temp. ☐ IR Gun #

pH Acceptable

Client Provided Sample Container

Chain of Custody Record

Client Information		Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Lynda Kruse	Phone:	Joe Mattheis	E-Mail: Joe.Mattheis@eurofins.com	State of Origin:	810-6672-2003.1
Company: UIC Laboratory	PMSID:	Analysis Requested		Page:	Page 4 of 4
Address: 129 North Main PO BOX 551	Due Date Requested:			Job #	
City: Janesville	TAT Requested (days):			Preservation Codes:	
State, Zip: MN, 56048	Compliance Project: ☐ Yes ☐ No			A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Email: Lynda@uclaboratory.net	WO #			Other:	
Project Name:	Project #				
Site:	SSOW#				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (w/water, solid, oil, grease, ash)	Preservation Code:	Field Filtered Sample (Yes or No)	Radium	Ammonia	Manganese 200.7	Iron 200.8	Calcium 200.9	Magnesium 200.10	Hardness	Alkalinity	Total Number of containers	Special Instructions/Note:
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water						X					1	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water					X						1	45079.024
Inver Grove Heights, Filter 2 1-1,	5/31/23	13:55		Drinking Water					X						1	45079.025
Inver Grove Heights, Raw 1-1,	5/31/23	13:45		Drinking Water											1	45079.023
Inver Grove Heights, Filter 1 1-1,	5/31/23	13:50		Drinking Water											1	45079.024
Inver Grove Heights, Filter 2 1-1,	5/31/23	13:55		Drinking Water											1	45079.025

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard	☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client	☐ Disposal By Lab ☐ Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	Initial Temp: 0.4, 1.0 Corrected Temp: 1.2, 1.8 IR Gun # 28062

Client Provided Sample Container
pH Acceptable

Login Sample Receipt Checklist

Client: UC Laboratory

Job Number: 810-65505-1

Login Number: 65505

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Pehling-Wright, Penny

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Samples do not require splitting or compositing.		
Container provided by EEA		

ANALYTICAL REPORT

PREPARED FOR

Attn: Lynda Kruse
UC Laboratory
129 North Main
PO BOX 551
Janesville, Minnesota 56048

Generated 7/12/2023 7:50:06 AM

JOB DESCRIPTION

Inver Grove Heights

JOB NUMBER

810-65879-1

Eurofins Eaton Analytical South Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization



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7/12/2023 7:50:06 AM

Authorized for release by
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Definitions/Glossary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Rad

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Job ID: 810-65879-1

Laboratory: Eurofins Eaton Analytical South Bend

Narrative

Job Narrative 810-65879-1

Receipt

The samples were received on 6/9/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.4°C, 1.4°C and 2.8°C

Metals

Method 200.7_SDWA: We did not receive a separate bottle for Fe,Mn only as listed on the coc, and included them with the Ca,Mg,Hardness bottles and notified Joe for client contact 45085.025 Inver Grove Heights, Raw 2-1 (810-65879-4), 45085.026 Inver Grove Heights, Filter 1 2-1 (810-65879-5) and 45085.027 Inver Grove Heights, Filter 2 2-1 (810-65879-6)

Method 200.8_SDWA: We did not receive a separate bottle for Fe,Mn only as listed on the coc, and included them with the Ca,Mg,Hardness bottles and notified Joe for client contact 45085.025 Inver Grove Heights, Raw 2-1 (810-65879-4), 45085.026 Inver Grove Heights, Filter 1 2-1 (810-65879-5) and 45085.027 Inver Grove Heights, Filter 2 2-1 (810-65879-6)

Method 200.8_SDWA: The LCS had high RSD on analysis, both the internal standards and the percentages of the LCS are in range and show no bias in the result. 45085.035 Inver Grove Heights, Filter 2 to Waste 2-1 (5min) (810-65879-12) and 45085.030 Inver Grove Heights, Filter 1 to Waste 2-1 (1min) (810-65879-13)

Method 200.8_SDWA: LLCSPK flag removed from associated LLCs for reporting digested Aluminum RL at 5 ug/L. This data is qualified due to a known background issue with the digestion vessels. 45085.028 Inver Grove Heights, Top Filter 1 2-1 (810-65879-10) and 45085.029 Inver Grove Heights, Top Filter 2 2-1 (810-65879-11)

Method 200.8_SDWA: The continuing calibration verification (CCV) analyzed in 810-62494 was outside the method criteria of + 10 % but within + 15% for Beryllium. As indicated in the reference method, this continuing calibration verification (CCV) will be used as the closing CCV and previous samples will not be reanalyzed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

Method SM7500_Ra_D: Sample had a high biased barium carrier recovery. Results are low biased. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 65.3mg. MS and MSD failed low due to high barium recoveries at 78.3/75.7.

Method SM7500_Ra_D: LCS had a low biased barium carrier recovery. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 28.7mg. Results are high biased but passes at 89.74, limits are 80-120. Batch unaffected.

Method SM7500_Ra_D: Sample had a low biased barium carrier recovery. Results may be high biased, but because result is less than the detection limit of 1pCi/L sample is unaffected. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 39.0 mg.

Method SM7500_Ra_D: Sample had a low biased barium carrier recovery. Results may be high biased, but because result is less than the detection limit of 1pCi/L sample is unaffected. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 30.2mg.

Method SM7500_Ra_D: The holding time for bottled water samples is calculated based on the date of opening of each sample bottle, not on the sample collection date.

Method SM7500_Ra_D: Sample had a low biased barium carrier recovery. Results may be high biased, but because result is less than the detection limit of 1pCi/L sample is unaffected. The barium carrier limits are 41.5-63.5 mg. The sample barium precipitate is 40.5mg.

Case Narrative

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Job ID: 810-65879-1 (Continued)

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.039 Inver Grove Heights, Raw 1-3

Lab Sample ID: 810-65879-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.081		0.010	mg/L	1		200.7	Total/NA
Manganese	210		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: 45085.040 Inver Grove Heights, Filter 1 1-3

Lab Sample ID: 810-65879-2

No Detections.

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3

Lab Sample ID: 810-65879-3

No Detections.

Client Sample ID: 45085.025 Inver Grove Heights, Raw 2-1

Lab Sample ID: 810-65879-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	27		0.10	mg/L	1		200.7	Total/NA
Calcium	73		0.10	mg/L	1		200.7	Total/NA
Iron	0.071		0.010	mg/L	1		200.7	Total/NA
Manganese	250		2.0	ug/L	1		200.8	Total/NA
Hardness as calcium carbonate	290		0.66	mg/L	1		SM 2340B	Total/NA
Calcium hardness as calcium carbonate	180		0.25	mg/L	1		SM 2340B	Total/NA
Magnesium hardness as calcium carbonate	110		0.41	mg/L	1		SM 2340B	Total/NA
Alkalinity, Total	290		1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: 45085.026 Inver Grove Heights, Filter 1 2-1

Lab Sample ID: 810-65879-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	27		0.10	mg/L	1		200.7	Total/NA
Calcium	72		0.10	mg/L	1		200.7	Total/NA
Manganese	5.6		2.0	ug/L	1		200.8	Total/NA
Hardness as calcium carbonate	290		0.66	mg/L	1		SM 2340B	Total/NA
Calcium hardness as calcium carbonate	180		0.25	mg/L	1		SM 2340B	Total/NA
Magnesium hardness as calcium carbonate	110		0.41	mg/L	1		SM 2340B	Total/NA
Alkalinity, Total	270		1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: 45085.027 Inver Grove Heights, Filter 2 2-1

Lab Sample ID: 810-65879-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	27		0.10	mg/L	1		200.7	Total/NA
Calcium	72		0.10	mg/L	1		200.7	Total/NA
Hardness as calcium carbonate	290		0.66	mg/L	1		SM 2340B	Total/NA
Calcium hardness as calcium carbonate	180		0.25	mg/L	1		SM 2340B	Total/NA
Magnesium hardness as calcium carbonate	110		0.41	mg/L	1		SM 2340B	Total/NA
Alkalinity, Total	280		1.0	mg/L	1		SM 2320B	Total/NA

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2

Lab Sample ID: 810-65879-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.19		0.010	mg/L	1		200.7	Total/NA
Manganese	250		2.0	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Detection Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.037 Inver Grove Heights, Filter 1 2-2

Lab Sample ID: 810-65879-8

No Detections.

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2

Lab Sample ID: 810-65879-9

No Detections.

Client Sample ID: 45085.028 Inver Grove Heights, Top Filter 1
2-1

Lab Sample ID: 810-65879-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3.2		2.0	ug/L	1		200.8	Total Recoverable
Barium	240		2.0	ug/L	1		200.8	Total Recoverable
Nickel	1.6		1.0	ug/L	1		200.8	Total Recoverable
Zinc	45		5.0	ug/L	1		200.8	Total Recoverable

Client Sample ID: 45085.029 Inver Grove Heights, Top Filter 2
2-1

Lab Sample ID: 810-65879-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6.3		2.0	ug/L	1		200.8	Total Recoverable
Arsenic	1.0		1.0	ug/L	1		200.8	Total Recoverable
Barium	250		2.0	ug/L	1		200.8	Total Recoverable
Nickel	1.7		1.0	ug/L	1		200.8	Total Recoverable
Zinc	42		5.0	ug/L	1		200.8	Total Recoverable

Client Sample ID: 45085.035 Inver Grove Heights, Filter 2 to
Waste 2-1 (5min)

Lab Sample ID: 810-65879-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Manganese	31		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: 45085.030 Inver Grove Heights, Filter 1 to
Waste 2-1 (1min)

Lab Sample ID: 810-65879-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.031		0.010	mg/L	1		200.7	Total/NA
Manganese	4.3		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: 45085.031 Inver Grove Heights, Filter 2 to
Waste 2-1 (1min)

Lab Sample ID: 810-65879-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Manganese	52		2.0	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Detection Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.032 Inver Grove Heights, Filter 1 to Waste 2-1 (3min)

Lab Sample ID: 810-65879-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.076		0.010	mg/L	1		200.7	Total/NA
Manganese	37		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: 45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (3min)

Lab Sample ID: 810-65879-16

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.011		0.010	mg/L	1		200.7	Total/NA
Manganese	20		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: 45085.034 Inver Grove Heights, Filter 1 to Waste 2-1 (5min)

Lab Sample ID: 810-65879-17

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.13		0.010	mg/L	1		200.7	Total Recoverable
Manganese	150		2.0	ug/L	1		200.8	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.039 Inver Grove Heights, Raw 1-3

Lab Sample ID: 810-65879-1

Date Collected: 06/02/23 13:10

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.081		0.010	mg/L			06/13/23 14:19	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	210		2.0	ug/L			06/13/23 18:53	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	13.2				3.00	1.97	pCi/L	06/15/23 14:26	06/16/23 12:43	1
Gross Beta	3.37				4.00	2.39	pCi/L	06/15/23 14:26	06/16/23 12:43	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	10.2				1.00	0.570	pCi/L		06/27/23 14:26	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	8.69				1.00	0.290	pCi/L	06/13/23 11:53	06/27/23 09:07	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	1.49				1.00	0.570	pCi/L	06/13/23 11:44	07/11/23 11:18	1

Client Sample ID: 45085.040 Inver Grove Heights, Filter 1 1-3

Lab Sample ID: 810-65879-2

Date Collected: 06/02/23 13:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 14:22	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 18:55	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	4.39				3.00	1.63	pCi/L	06/15/23 14:26	06/16/23 12:43	1
Gross Beta	2.22				4.00	2.13	pCi/L	06/15/23 14:26	06/16/23 12:43	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.040 Inver Grove Heights, Filter 1 1-3

Lab Sample ID: 810-65879-2

Date Collected: 06/02/23 13:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.69				1.00	0.660	pCi/L		06/27/23 14:26	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.99				1.00	0.420	pCi/L	06/13/23 11:53	06/27/23 09:07	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	0.700				1.00	0.660	pCi/L	06/13/23 11:44	07/11/23 11:18	1

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3

Lab Sample ID: 810-65879-3

Date Collected: 06/02/23 13:20

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 14:24	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 18:58	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	5.37				3.00	2.35	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	-0.100	U			4.00	1.72	pCi/L	06/15/23 14:22	06/20/23 19:33	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.000	U			1.00	0.680	pCi/L		06/30/23 09:38	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.120	U			1.00	0.240	pCi/L	06/13/23 11:39	06/28/23 09:12	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3

Lab Sample ID: 810-65879-3

Date Collected: 06/02/23 13:20

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	0.550	U			1.00	0.680	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.025 Inver Grove Heights, Raw 2-1

Lab Sample ID: 810-65879-4

Date Collected: 06/05/23 16:20

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	27		0.10	mg/L			06/13/23 14:26	1
Calcium	73		0.10	mg/L			06/13/23 14:26	1
Iron	0.071		0.010	mg/L			06/13/23 14:26	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	250		2.0	ug/L			06/13/23 19:01	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	290		0.66	mg/L			06/20/23 17:28	1
Calcium hardness as calcium carbonate	180		0.25	mg/L			06/20/23 17:28	1
Magnesium hardness as calcium carbonate	110		0.41	mg/L			06/20/23 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	290		1.0	mg/L			06/13/23 12:51	1
Ammonia, Nitrogen (SM 4500 NH3 D)	<0.10		0.10	mg/L			06/13/23 10:41	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	16.3				3.00	2.26	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	7.51				4.00	2.01	pCi/L	06/15/23 14:22	06/16/23 16:50	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	12.0				1.00	0.590	pCi/L		06/30/23 09:38	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	9.13				1.00	0.290	pCi/L	06/13/23 11:39	06/28/23 09:12	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.025 Inver Grove Heights, Raw 2-1

Lab Sample ID: 810-65879-4

Date Collected: 06/05/23 16:20

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	2.89				1.00	0.590	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.026 Inver Grove Heights, Filter 1 2-1

Lab Sample ID: 810-65879-5

Date Collected: 06/05/23 16:25

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	27		0.10	mg/L			06/13/23 14:28	1
Calcium	72		0.10	mg/L			06/13/23 14:28	1
Iron	<0.010		0.010	mg/L			06/13/23 14:28	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	5.6		2.0	ug/L			06/13/23 19:03	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	290		0.66	mg/L			06/20/23 17:28	1
Calcium hardness as calcium carbonate	180		0.25	mg/L			06/20/23 17:28	1
Magnesium hardness as calcium carbonate	110		0.41	mg/L			06/20/23 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	270		1.0	mg/L			06/13/23 14:59	1
Ammonia, Nitrogen (SM 4500 NH3 D)	<0.10		0.10	mg/L			06/13/23 10:34	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	9.69				3.00	2.64	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	4.86				4.00	2.26	pCi/L	06/15/23 14:22	06/16/23 16:50	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.87				1.00	1.04	pCi/L		06/30/23 09:38	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.87				1.00	0.250	pCi/L	06/13/23 11:39	06/28/23 09:12	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.026 Inver Grove Heights, Filter 1 2-1

Lab Sample ID: 810-65879-5

Date Collected: 06/05/23 16:25

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	0.180	U G			1.00	1.04	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.027 Inver Grove Heights, Filter 2 2-1

Lab Sample ID: 810-65879-6

Date Collected: 06/05/23 16:30

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	27		0.10	mg/L			06/13/23 14:30	1
Calcium	72		0.10	mg/L			06/13/23 14:30	1
Iron	<0.010		0.010	mg/L			06/13/23 14:30	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 19:06	1

Method: SM 2340B - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	290		0.66	mg/L			06/20/23 17:28	1
Calcium hardness as calcium carbonate	180		0.25	mg/L			06/20/23 17:28	1
Magnesium hardness as calcium carbonate	110		0.41	mg/L			06/20/23 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total (SM 2320B)	280		1.0	mg/L			06/13/23 15:17	1
Ammonia, Nitrogen (SM 4500 NH3 D)	<0.10		0.10	mg/L			06/13/23 10:24	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	8.17				3.00	2.85	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	7.99				4.00	2.07	pCi/L	06/15/23 14:22	06/16/23 16:50	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.640	U			1.00	0.650	pCi/L		06/26/23 09:30	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.640				1.00	0.300	pCi/L	06/13/23 11:39	06/23/23 09:43	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.027 Inver Grove Heights, Filter 2 2-1

Lab Sample ID: 810-65879-6

Date Collected: 06/05/23 16:30

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	0.000	U			1.00	0.650	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2

Lab Sample ID: 810-65879-7

Date Collected: 06/07/23 10:05

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.19		0.010	mg/L			06/13/23 14:37	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	250		2.0	ug/L			06/13/23 19:08	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	20.4				3.00	2.39	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	5.59				4.00	2.53	pCi/L	06/15/23 14:22	06/16/23 16:50	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	9.95				1.00	0.610	pCi/L		06/30/23 09:38	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	8.42				1.00	0.270	pCi/L	06/13/23 11:39	06/28/23 09:12	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	1.53				1.00	0.610	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.037 Inver Grove Heights, Filter 1 2-2

Lab Sample ID: 810-65879-8

Date Collected: 06/07/23 10:10

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 14:43	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.037 Inver Grove Heights, Filter 1 2-2

Lab Sample ID: 810-65879-8

Date Collected: 06/07/23 10:10

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 19:16	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(σ+/-)	(σ+/-)						
Gross Alpha	11.7				3.00	1.91	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	5.37				4.00	1.88	pCi/L	06/15/23 14:22	06/16/23 16:50	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(σ+/-)	(σ+/-)						
Combined Radium 226 + 228	1.35				1.00	0.870	pCi/L		06/30/23 09:38	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(σ+/-)	(σ+/-)						
Ra-226	1.35				1.00	0.340	pCi/L	06/13/23 11:39	06/28/23 09:12	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(σ+/-)	(σ+/-)						
Ra-228	-0.270	U			1.00	0.870	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2

Lab Sample ID: 810-65879-9

Date Collected: 06/07/23 10:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 14:45	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 19:19	1

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
			Uncert.	Uncert.						
			(σ+/-)	(σ+/-)						
Gross Alpha	8.42				3.00	2.61	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	3.53				4.00	2.16	pCi/L	06/15/23 14:22	06/16/23 16:50	1

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2

Lab Sample ID: 810-65879-9

Date Collected: 06/07/23 10:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.000	U			1.00	0.820	pCi/L		06/26/23 09:30	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.300	U			1.00	0.340	pCi/L	06/13/23 11:39	06/23/23 09:43	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-1.29	U			1.00	0.820	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Client Sample ID: 45085.028 Inver Grove Heights, Top Filter 1

Lab Sample ID: 810-65879-10

2-1

Date Collected: 06/05/23 16:35

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3.2		2.0	ug/L		06/13/23 16:25	06/14/23 13:34	1
Antimony	<1.0		1.0	ug/L		06/13/23 16:25	06/14/23 13:34	1
Arsenic	<1.0		1.0	ug/L		06/13/23 16:25	06/14/23 13:34	1
Barium	240		2.0	ug/L		06/13/23 16:25	06/14/23 13:34	1
Beryllium	<0.30		0.30	ug/L		06/13/23 16:25	06/14/23 13:34	1
Cadmium	<0.50		0.50	ug/L		06/13/23 16:25	06/14/23 13:34	1
Chromium	<0.90		0.90	ug/L		06/13/23 16:25	06/14/23 13:34	1
Nickel	1.6		1.0	ug/L		06/13/23 16:25	06/14/23 13:34	1
Selenium	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 13:34	1
Silver	<0.50		0.50	ug/L		06/13/23 16:25	06/14/23 13:34	1
Thallium	<0.30		0.30	ug/L		06/13/23 16:25	06/14/23 13:34	1
Zinc	45		5.0	ug/L		06/13/23 16:25	06/14/23 13:34	1

Client Sample ID: 45085.029 Inver Grove Heights, Top Filter 2

Lab Sample ID: 810-65879-11

2-1

Date Collected: 06/05/23 16:35

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6.3		2.0	ug/L		06/13/23 16:25	06/14/23 13:36	1
Antimony	<1.0		1.0	ug/L		06/13/23 16:25	06/14/23 13:36	1
Arsenic	1.0		1.0	ug/L		06/13/23 16:25	06/14/23 13:36	1
Barium	250		2.0	ug/L		06/13/23 16:25	06/14/23 13:36	1
Beryllium	<0.30		0.30	ug/L		06/13/23 16:25	06/14/23 13:36	1
Cadmium	<0.50		0.50	ug/L		06/13/23 16:25	06/14/23 13:36	1
Chromium	<0.90		0.90	ug/L		06/13/23 16:25	06/14/23 13:36	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.029 Inver Grove Heights, Top Filter 2

Lab Sample ID: 810-65879-11

2-1

Date Collected: 06/05/23 16:35

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	1.7		1.0	ug/L		06/13/23 16:25	06/14/23 13:36	1
Selenium	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 13:36	1
Silver	<0.50		0.50	ug/L		06/13/23 16:25	06/14/23 13:36	1
Thallium	<0.30		0.30	ug/L		06/13/23 16:25	06/14/23 13:36	1
Zinc	42		5.0	ug/L		06/13/23 16:25	06/14/23 13:36	1

Client Sample ID: 45085.035 Inver Grove Heights, Filter 2 to

Lab Sample ID: 810-65879-12

Waste 2-1 (5min)

Date Collected: 06/05/23 13:55

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/13/23 14:47	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	31		2.0	ug/L			06/14/23 11:31	1

Client Sample ID: 45085.030 Inver Grove Heights, Filter 1 to

Lab Sample ID: 810-65879-13

Waste 2-1 (1min)

Date Collected: 06/05/23 13:51

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.031		0.010	mg/L			06/13/23 14:49	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	4.3		2.0	ug/L			06/14/23 11:34	1

Client Sample ID: 45085.031 Inver Grove Heights, Filter 2 to

Lab Sample ID: 810-65879-14

Waste 2-1 (1min)

Date Collected: 06/05/23 13:51

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L		06/13/23 16:25	06/14/23 15:20	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	52		2.0	ug/L		06/13/23 16:20	06/14/23 18:35	1

Client Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.032 Inver Grove Heights, Filter 1 to

Lab Sample ID: 810-65879-15

Waste 2-1 (3min)

Date Collected: 06/05/23 13:53

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.076		0.010	mg/L			06/13/23 14:52	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	37		2.0	ug/L			06/13/23 19:32	1

Client Sample ID: 45085.033 Inver Grove Heights, Filter 2 to

Lab Sample ID: 810-65879-16

Waste 2-1 (3min)

Date Collected: 06/05/23 13:53

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.011		0.010	mg/L			06/13/23 14:54	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	20		2.0	ug/L			06/13/23 19:34	1

Client Sample ID: 45085.034 Inver Grove Heights, Filter 1 to

Lab Sample ID: 810-65879-17

Waste 2-1 (5min)

Date Collected: 06/05/23 13:55

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Method: EPA 200.7 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.13		0.010	mg/L		06/13/23 16:25	06/14/23 15:22	1

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	150		2.0	ug/L		06/13/23 16:20	06/14/23 18:38	1

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 200.7 - Metals (ICP)

Lab Sample ID: MB 810-62323/106
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 14:02	1
Calcium	<0.10		0.10	mg/L			06/13/23 14:02	1
Iron	<0.010		0.010	mg/L			06/13/23 14:02	1

Lab Sample ID: MB 810-62323/12
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 10:41	1
Calcium	<0.10		0.10	mg/L			06/13/23 10:41	1
Iron	<0.010		0.010	mg/L			06/13/23 10:41	1

Lab Sample ID: MB 810-62323/45
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 11:52	1
Calcium	<0.10		0.10	mg/L			06/13/23 11:52	1
Iron	<0.010		0.010	mg/L			06/13/23 11:52	1

Lab Sample ID: MB 810-62323/76
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.10		0.10	mg/L			06/13/23 12:58	1
Calcium	<0.10		0.10	mg/L			06/13/23 12:58	1
Iron	<0.010		0.010	mg/L			06/13/23 12:58	1

Lab Sample ID: LCS 810-62323/107
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5.00	4.97		mg/L		99	85 - 115
Calcium	5.00	4.93		mg/L		99	85 - 115
Iron	5.00	4.91		mg/L		98	85 - 115

Lab Sample ID: LLCS 810-62323/11
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	0.0100	0.0104	J	mg/L		104	50 - 150
Calcium	0.0100	<0.025		mg/L		124	50 - 150
Iron	0.0100	0.0103		mg/L		103	50 - 150

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 200.7 - Metals (ICP) (Continued)

Lab Sample ID: LLCS 810-62323/13
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	0.100	0.0894	J	mg/L		89	50 - 150
Calcium	0.100	0.0819	J	mg/L		82	50 - 150

Lab Sample ID: 810-65879-7 MS
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	27		5.00	31.6	4	mg/L		86	70 - 130
Calcium	73		5.00	77.8	4	mg/L		86	70 - 130
Iron	0.19		5.00	5.10		mg/L		98	70 - 130

Lab Sample ID: 810-65879-7 MSD
Matrix: Drinking Water
Analysis Batch: 62323

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	27		5.00	31.6	4	mg/L		85	70 - 130	0	20
Calcium	73		5.00	77.6	4	mg/L		82	70 - 130	0	20
Iron	0.19		5.00	5.10		mg/L		98	70 - 130	0	20

Lab Sample ID: MB 810-62355/1-A
Matrix: Drinking Water
Analysis Batch: 62710

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 62355

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L		06/13/23 16:25	06/14/23 14:27	1

Lab Sample ID: LCS 810-62355/4-A
Matrix: Drinking Water
Analysis Batch: 62710

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.00	5.07		mg/L		101	85 - 115

Lab Sample ID: LLCS 810-62355/2-A
Matrix: Drinking Water
Analysis Batch: 62710

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62355

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.0100	0.0113		mg/L		113	50 - 150

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 810-62376/15
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 17:26	1

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QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 810-62376/45
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/13/23 18:45	1

Lab Sample ID: LCS 810-62376/46
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	50.7		ug/L		101	85 - 115

Lab Sample ID: LLCS 810-62376/13
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		104	50 - 150

Lab Sample ID: LLCS 810-62376/14
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	1.00	0.991	J	ug/L		99	50 - 150

Lab Sample ID: 810-65879-7 MS
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	250		50.0	292	4	ug/L		89	70 - 130

Lab Sample ID: 810-65879-7 MSD
Matrix: Drinking Water
Analysis Batch: 62376

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	250		50.0	297	4	ug/L		99	70 - 130	2	20

Lab Sample ID: 810-65879-16 MS

Client Sample ID: 45085.033 Inver Grove Heights, Filter 2 to Waste 2-1
(3min)

Matrix: Drinking Water
Analysis Batch: 62376

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	20		50.0	72.6		ug/L		105	70 - 130

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 810-65879-16 MSD

Client Sample ID: 45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (3min)

Matrix: Drinking Water
Analysis Batch: 62376

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	20		50.0	70.7		ug/L		101	70 - 130	3	20

Lab Sample ID: MB 810-62456/12

Client Sample ID: Method Blank

Matrix: Drinking Water
Analysis Batch: 62456

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/14/23 11:10	1

Lab Sample ID: LCS 810-62456/13

Client Sample ID: Lab Control Sample

Matrix: Drinking Water
Analysis Batch: 62456

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	52.8		ug/L		106	85 - 115

Lab Sample ID: LLCS 810-62456/11

Client Sample ID: Lab Control Sample

Matrix: Drinking Water
Analysis Batch: 62456

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		85	50 - 150

Lab Sample ID: MB 810-62361/1-A

Client Sample ID: Method Blank

Matrix: Drinking Water
Analysis Batch: 62538

Prep Type: Total Recoverable

Prep Batch: 62361

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L		06/13/23 16:20	06/14/23 17:05	1

Lab Sample ID: LCS 810-62361/6-A

Client Sample ID: Lab Control Sample

Matrix: Drinking Water
Analysis Batch: 62538

Prep Type: Total Recoverable

Prep Batch: 62361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	50.9		ug/L		102	85 - 115

Lab Sample ID: LLCS 810-62361/2-A

Client Sample ID: Lab Control Sample

Matrix: Drinking Water
Analysis Batch: 62538

Prep Type: Total Recoverable

Prep Batch: 62361

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		96	50 - 150

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 810-62361/3-A
Matrix: Drinking Water
Analysis Batch: 62538

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62361

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	1.00	0.986	J	ug/L		99	50 - 150

Lab Sample ID: LLCS 810-62361/4-A
Matrix: Drinking Water
Analysis Batch: 62538

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62361

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	2.00	1.89	J	ug/L		94	50 - 150

Lab Sample ID: MB 810-62362/1-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 12:51	1
Antimony	<1.0		1.0	ug/L		06/13/23 16:25	06/14/23 12:51	1
Arsenic	<1.0		1.0	ug/L		06/13/23 16:25	06/14/23 12:51	1
Barium	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 12:51	1
Cadmium	<0.50		0.50	ug/L		06/13/23 16:25	06/14/23 12:51	1
Chromium	<0.90		0.90	ug/L		06/13/23 16:25	06/14/23 12:51	1
Nickel	<1.0		1.0	ug/L		06/13/23 16:25	06/14/23 12:51	1
Selenium	<2.0		2.0	ug/L		06/13/23 16:25	06/14/23 12:51	1
Silver	<0.50		0.50	ug/L		06/13/23 16:25	06/14/23 12:51	1
Thallium	<0.30		0.30	ug/L		06/13/23 16:25	06/14/23 12:51	1
Zinc	<5.0		5.0	ug/L		06/13/23 16:25	06/14/23 12:51	1

Lab Sample ID: LCS 810-62362/6-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	50.0	52.5		ug/L		105	85 - 115
Antimony	50.0	54.9		ug/L		110	85 - 115
Arsenic	50.0	50.7		ug/L		101	85 - 115
Barium	50.0	50.3		ug/L		101	85 - 115
Beryllium	50.0	53.0	^+	ug/L		106	85 - 115
Cadmium	50.0	51.0		ug/L		102	85 - 115
Chromium	50.0	51.6		ug/L		103	85 - 115
Nickel	50.0	49.7		ug/L		99	85 - 115
Selenium	50.0	50.7		ug/L		101	85 - 115
Silver	50.0	50.8		ug/L		102	85 - 115
Thallium	50.0	50.7		ug/L		101	85 - 115
Zinc	50.0	50.2		ug/L		100	85 - 115

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 810-62362/2-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.300	0.352	J	ug/L		117	50 - 150
Arsenic	0.300	<0.60		ug/L		138	50 - 150
Barium	0.300	<0.34		ug/L		97	50 - 150
Beryllium	0.300	0.310	^+	ug/L		103	50 - 150
Cadmium	0.300	0.250	J	ug/L		83	50 - 150
Chromium	0.300	<0.43		ug/L		122	50 - 150
Nickel	0.300	<0.53		ug/L		80	50 - 150
Silver	0.300	<0.28		ug/L		82	50 - 150
Thallium	0.300	0.284	J	ug/L		95	50 - 150

Lab Sample ID: LLCS 810-62362/3-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	1.00	1.11		ug/L		111	50 - 150
Arsenic	1.00	1.07		ug/L		107	50 - 150
Barium	1.00	1.01	J	ug/L		101	50 - 150
Nickel	1.00	0.944	J	ug/L		94	50 - 150
Selenium	1.00	<1.4		ug/L		98	50 - 150
Zinc	1.00	<2.3		ug/L		112	50 - 150

Lab Sample ID: LLCS 810-62362/4-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	2.00	1.91	J	ug/L		95	50 - 150
Selenium	2.00	2.15		ug/L		108	50 - 150
Zinc	2.00	<2.3		ug/L		104	50 - 150

Lab Sample ID: LLCS 810-62362/5-A
Matrix: Drinking Water
Analysis Batch: 62494

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 62362

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	6.90		ug/L		138	50 - 150
Zinc	5.00	5.23		ug/L		105	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MBL 810-62341/7
Matrix: Drinking Water
Analysis Batch: 62341

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<1.0		1.0	mg/L			06/13/23 12:36	1

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QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 810-62341/5
Matrix: Drinking Water
Analysis Batch: 62341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	100	104		mg/L		104	78 - 114

Lab Sample ID: LLCS 810-62341/6
Matrix: Drinking Water
Analysis Batch: 62341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity, Total	1.00	1.18		mg/L		118	50 - 150

Lab Sample ID: 810-65879-4 DU
Matrix: Drinking Water
Analysis Batch: 62341

Client Sample ID: 45085.025 Inver Grove Heights, Raw 2-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	290		289		mg/L		0.05	20

Method: SM 4500 NH3 D - Ammonia

Lab Sample ID: MBL 810-62268/6
Matrix: Drinking Water
Analysis Batch: 62268

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia, Nitrogen	<0.046		0.10	mg/L			06/13/23 08:17	1

Lab Sample ID: LCS 810-62268/4
Matrix: Drinking Water
Analysis Batch: 62268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	2.50	2.47		mg/L		99	84 - 113

Lab Sample ID: LLCS 810-62268/5
Matrix: Drinking Water
Analysis Batch: 62268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	0.100	0.0900	J	mg/L		90	50 - 150

Method: 7110B - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 810-62700/1-A
Matrix: Drinking Water
Analysis Batch: 62986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62700

Analyte	MB Result	MB Qualifier	Count Uncert. (σ +/-)	Total Uncert. (σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.200	U			3.00	1.30	pCi/L	06/15/23 14:22	06/16/23 16:50	1
Gross Beta	-3.500	U			4.00	2.19	pCi/L	06/15/23 14:22	06/16/23 16:50	1

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QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 7110B - Gross Alpha and Gross Beta Radioactivity (Continued)

Lab Sample ID: LCS 810-62700/2-A
Matrix: Drinking Water
Analysis Batch: 62986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62700

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	15.4	17.89			3.00	1.53	pCi/L	116	80 - 120
Gross Beta	20.2	21.47			4.00	3.65	pCi/L	107	80 - 120

Lab Sample ID: 810-65879-3 MS
Matrix: Drinking Water
Analysis Batch: 62986

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3
Prep Type: Total/NA
Prep Batch: 62700

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	5.37		15.4	25.04			3.00	2.49	pCi/L	128	70 - 130

Lab Sample ID: 810-65879-3 MS
Matrix: Drinking Water
Analysis Batch: 63216

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3
Prep Type: Total/NA
Prep Batch: 62700

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	-0.100	U	20.2	15.76			4.00	1.98	pCi/L	78	70 - 130

Lab Sample ID: 810-65879-3 MSD
Matrix: Drinking Water
Analysis Batch: 62986

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3
Prep Type: Total/NA
Prep Batch: 62700

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Gross Alpha	5.37		15.4	22.13			3.00	2.06	pCi/L	109	70 - 130	12	20

Lab Sample ID: 810-65879-3 MSD
Matrix: Drinking Water
Analysis Batch: 63216

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3
Prep Type: Total/NA
Prep Batch: 62700

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Gross Beta	-0.100	U	20.2	15.55			4.00	1.91	pCi/L	77	70 - 130	1	20

Lab Sample ID: MB 810-62703/1-A
Matrix: Drinking Water
Analysis Batch: 62982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62703

Analyte	MB Result	MB Qualifier	Count Uncert. (σ +/-)	Total Uncert. (σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.6400	U			3.00	1.21	pCi/L	06/15/23 14:26	06/16/23 12:43	1
Gross Beta	0.4600	U			4.00	1.93	pCi/L	06/15/23 14:26	06/16/23 12:43	1

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: 7110B - Gross Alpha and Gross Beta Radioactivity (Continued)

Lab Sample ID: LCS 810-62703/2-A
Matrix: Drinking Water
Analysis Batch: 62982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62703

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	15.4	18.49			3.00	1.41	pCi/L	120	80 - 120
Gross Beta	20.2	17.21			4.00	2.47	pCi/L	85	80 - 120

Method: SM7500 Ra B - Radium-226

Lab Sample ID: MB 810-62282/1-A
Matrix: Drinking Water
Analysis Batch: 63608

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62282

Analyte	MB Result	MB Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	-0.1200	U			1.00	0.330	pCi/L	06/13/23 11:39	06/23/23 09:43	1

Lab Sample ID: LCS 810-62282/2-A
Matrix: Drinking Water
Analysis Batch: 63608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62282

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.03	4.550			1.00	0.280	pCi/L	90	90 - 110

Lab Sample ID: 810-65879-3 MS
Matrix: Drinking Water
Analysis Batch: 64123

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3
Prep Type: Total/NA
Prep Batch: 62282

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	0.120	U	5.58	5.520			1.00	0.240	pCi/L	99	80 - 120

Lab Sample ID: 810-65879-3 MSD
Matrix: Drinking Water
Analysis Batch: 64123

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3
Prep Type: Total/NA
Prep Batch: 62282

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Ra-226	0.120	U	5.58	6.370			1.00	0.250	pCi/L	114	80 - 120	14	20

Lab Sample ID: MB 810-62285/1-A
Matrix: Drinking Water
Analysis Batch: 63538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62285

Analyte	MB Result	MB Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.3900				1.00	0.340	pCi/L	06/13/23 11:53	06/23/23 09:45	1

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: SM7500 Ra B - Radium-226 (Continued)

Lab Sample ID: LCS 810-62285/2-A
Matrix: Drinking Water
Analysis Batch: 63538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62285

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.03	4.600			1.00	0.360	pCi/L	91	90 - 110

Method: SM7500 Ra D - Radium-228

Lab Sample ID: MB 810-62278/1-A
Matrix: Drinking Water
Analysis Batch: 65264

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62278

Analyte	MB Result	MB Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.1000	U			1.00	0.650	pCi/L	06/13/23 11:33	07/10/23 12:15	1

Lab Sample ID: LCS 810-62278/2-A
Matrix: Drinking Water
Analysis Batch: 65264

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62278

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	4.28	3.840			1.00	1.14	pCi/L	90	80 - 120

Lab Sample ID: 810-65879-9 MS
Matrix: Drinking Water
Analysis Batch: 65264

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2
Prep Type: Total/NA
Prep Batch: 62278

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	-1.29	U	4.74	4.450			1.00	0.650	pCi/L	94	70 - 130

Lab Sample ID: 810-65879-9 MSD
Matrix: Drinking Water
Analysis Batch: 65264

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2
Prep Type: Total/NA
Prep Batch: 62278

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Ra-228	-1.29	U	4.74	3.480			1.00	0.670	pCi/L	73	70 - 130	24	20

Lab Sample ID: MB 810-62283/1-A
Matrix: Drinking Water
Analysis Batch: 65261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62283

Analyte	MB Result	MB Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.5600	U			1.00	0.670	pCi/L	06/13/23 11:44	07/11/23 11:18	1

QC Sample Results

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method: SM7500 Ra D - Radium-228 (Continued)

Lab Sample ID: LCS 810-62283/2-A
Matrix: Drinking Water
Analysis Batch: 65261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62283

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	4.28	3.810			1.00	0.550	pCi/L	89	80 - 120

Lab Sample ID: 810-65879-1 MS
Matrix: Drinking Water
Analysis Batch: 65261

Client Sample ID: 45085.039 Inver Grove Heights, Raw 1-3
Prep Type: Total/NA
Prep Batch: 62283

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	1.49		4.74	3.870	F1		1.00	0.410	pCi/L	50	70 - 130

Lab Sample ID: 810-65879-1 MSD
Matrix: Drinking Water
Analysis Batch: 65261

Client Sample ID: 45085.039 Inver Grove Heights, Raw 1-3
Prep Type: Total/NA
Prep Batch: 62283

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits	RPD	RPD Limit
Ra-228	1.49		4.74	3.530	F1		1.00	0.430	pCi/L	43	70 - 130	9	20

QC Association Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Metals

Analysis Batch: 62323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-1	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	200.7	
810-65879-2	45085.040 Inver Grove Heights, Filter 1 1-3	Total/NA	Drinking Water	200.7	
810-65879-3	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	200.7	
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	200.7	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	200.7	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	200.7	
810-65879-7	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	200.7	
810-65879-8	45085.037 Inver Grove Heights, Filter 1 2-2	Total/NA	Drinking Water	200.7	
810-65879-9	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	200.7	
810-65879-12	45085.035 Inver Grove Heights, Filter 2 to Waste 2-1 (5	Total/NA	Drinking Water	200.7	
810-65879-13	45085.030 Inver Grove Heights, Filter 1 to Waste 2-1 (1	Total/NA	Drinking Water	200.7	
810-65879-15	45085.032 Inver Grove Heights, Filter 1 to Waste 2-1 (3	Total/NA	Drinking Water	200.7	
810-65879-16	45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (3	Total/NA	Drinking Water	200.7	
MB 810-62323/106	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-62323/12	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-62323/45	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-62323/76	Method Blank	Total/NA	Drinking Water	200.7	
LCS 810-62323/107	Lab Control Sample	Total/NA	Drinking Water	200.7	
LLCS 810-62323/11	Lab Control Sample	Total/NA	Drinking Water	200.7	
LLCS 810-62323/13	Lab Control Sample	Total/NA	Drinking Water	200.7	
810-65879-7 MS	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	200.7	
810-65879-7 MSD	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	200.7	

Prep Batch: 62355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-14	45085.031 Inver Grove Heights, Filter 2 to Waste 2-1 (1	Total Recoverable	Drinking Water	200.2	
810-65879-17	45085.034 Inver Grove Heights, Filter 1 to Waste 2-1 (5	Total Recoverable	Drinking Water	200.2	
MB 810-62355/1-A	Method Blank	Total Recoverable	Drinking Water	200.2	
LCS 810-62355/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.2	
LLCS 810-62355/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.2	

Prep Batch: 62361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-14	45085.031 Inver Grove Heights, Filter 2 to Waste 2-1 (1	Total Recoverable	Drinking Water	200.8	
810-65879-17	45085.034 Inver Grove Heights, Filter 1 to Waste 2-1 (5	Total Recoverable	Drinking Water	200.8	
MB 810-62361/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	
LCS 810-62361/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62361/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62361/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62361/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	

Prep Batch: 62362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-10	45085.028 Inver Grove Heights, Top Filter 1 2-1	Total Recoverable	Drinking Water	200.8	
810-65879-11	45085.029 Inver Grove Heights, Top Filter 2 2-1	Total Recoverable	Drinking Water	200.8	
MB 810-62362/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	
LCS 810-62362/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-62362/5-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	

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QC Association Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Metals

Analysis Batch: 62376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-1	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	200.8	
810-65879-2	45085.040 Inver Grove Heights, Filter 1 1-3	Total/NA	Drinking Water	200.8	
810-65879-3	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	200.8	
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	200.8	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	200.8	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	200.8	
810-65879-7	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	200.8	
810-65879-8	45085.037 Inver Grove Heights, Filter 1 2-2	Total/NA	Drinking Water	200.8	
810-65879-9	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	200.8	
810-65879-15	45085.032 Inver Grove Heights, Filter 1 to Waste 2-1 (5	Total/NA	Drinking Water	200.8	
810-65879-16	45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (5	Total/NA	Drinking Water	200.8	
MB 810-62376/15	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-62376/45	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-62376/46	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-62376/13	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-62376/14	Lab Control Sample	Total/NA	Drinking Water	200.8	
810-65879-7 MS	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	200.8	
810-65879-7 MSD	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	200.8	
810-65879-16 MS	45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (5	Total/NA	Drinking Water	200.8	
810-65879-16 MSD	45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (5	Total/NA	Drinking Water	200.8	

Analysis Batch: 62456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-12	45085.035 Inver Grove Heights, Filter 2 to Waste 2-1 (5	Total/NA	Drinking Water	200.8	
810-65879-13	45085.030 Inver Grove Heights, Filter 1 to Waste 2-1 (1	Total/NA	Drinking Water	200.8	
MB 810-62456/12	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-62456/13	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-62456/11	Lab Control Sample	Total/NA	Drinking Water	200.8	

Analysis Batch: 62494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-10	45085.028 Inver Grove Heights, Top Filter 1 2-1	Total Recoverable	Drinking Water	200.8	62362
810-65879-11	45085.029 Inver Grove Heights, Top Filter 2 2-1	Total Recoverable	Drinking Water	200.8	62362
MB 810-62362/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	62362
LCS 810-62362/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362
LLCS 810-62362/5-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62362

Analysis Batch: 62538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-14	45085.031 Inver Grove Heights, Filter 2 to Waste 2-1 (1	Total Recoverable	Drinking Water	200.8	62361
810-65879-17	45085.034 Inver Grove Heights, Filter 1 to Waste 2-1 (5	Total Recoverable	Drinking Water	200.8	62361
MB 810-62361/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	62361
LCS 810-62361/6-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62361
LLCS 810-62361/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62361
LLCS 810-62361/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62361
LLCS 810-62361/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	62361

QC Association Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Metals

Analysis Batch: 62710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-14	45085.031 Inver Grove Heights, Filter 2 to Waste 2-1 (1	Total Recoverable	Drinking Water	200.7	62355
810-65879-17	45085.034 Inver Grove Heights, Filter 1 to Waste 2-1 (5	Total Recoverable	Drinking Water	200.7	62355
MB 810-62355/1-A	Method Blank	Total Recoverable	Drinking Water	200.7	62355
LCS 810-62355/4-A	Lab Control Sample	Total Recoverable	Drinking Water	200.7	62355
LLCS 810-62355/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.7	62355

Analysis Batch: 63156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	SM 2340B	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	SM 2340B	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	SM 2340B	

General Chemistry

Analysis Batch: 62268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	SM 4500 NH3 D	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	SM 4500 NH3 D	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	SM 4500 NH3 D	
MBL 810-62268/6	Method Blank	Total/NA	Drinking Water	SM 4500 NH3 D	
LCS 810-62268/4	Lab Control Sample	Total/NA	Drinking Water	SM 4500 NH3 D	
LLCS 810-62268/5	Lab Control Sample	Total/NA	Drinking Water	SM 4500 NH3 D	

Analysis Batch: 62341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	SM 2320B	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	SM 2320B	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	SM 2320B	
MBL 810-62341/7	Method Blank	Total/NA	Drinking Water	SM 2320B	
LCS 810-62341/5	Lab Control Sample	Total/NA	Drinking Water	SM 2320B	
LLCS 810-62341/6	Lab Control Sample	Total/NA	Drinking Water	SM 2320B	
810-65879-4 DU	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	SM 2320B	

Rad

Prep Batch: 62278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-3	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-7	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-8	45085.037 Inver Grove Heights, Filter 1 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-9	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	RAD Prep	
MB 810-62278/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62278/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	
810-65879-9 MS	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-9 MSD	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-3	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	

Eurofins Eaton Analytical South Bend

QC Association Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Rad (Continued)

Prep Batch: 62282 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-7	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-8	45085.037 Inver Grove Heights, Filter 1 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-9	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	RAD Prep	
MB 810-62282/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62282/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	
810-65879-3 MS	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-3 MSD	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-1	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-2	45085.040 Inver Grove Heights, Filter 1 1-3	Total/NA	Drinking Water	RAD Prep	
MB 810-62283/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62283/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	
810-65879-1 MS	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-1 MSD	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-1	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-2	45085.040 Inver Grove Heights, Filter 1 1-3	Total/NA	Drinking Water	RAD Prep	
MB 810-62285/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62285/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-3	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Total/NA	Drinking Water	RAD Prep	
810-65879-7	45085.036 Inver Grove Heights, Raw 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-8	45085.037 Inver Grove Heights, Filter 1 2-2	Total/NA	Drinking Water	RAD Prep	
810-65879-9	45085.038 Inver Grove Heights, Filter 2 2-2	Total/NA	Drinking Water	RAD Prep	
MB 810-62700/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62700/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	
810-65879-3 MS	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-3 MSD	45085.041 Inver Grove Heights, Filter 2 1-3	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-65879-1	45085.039 Inver Grove Heights, Raw 1-3	Total/NA	Drinking Water	RAD Prep	
810-65879-2	45085.040 Inver Grove Heights, Filter 1 1-3	Total/NA	Drinking Water	RAD Prep	
MB 810-62703/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62703/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	

Lab Chronicle

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.039 Inver Grove Heights, Raw 1-3

Lab Sample ID: 810-65879-1

Date Collected: 06/02/23 13:10

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:19
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 18:53
Total/NA	Prep	RAD Prep			62703	SS	EA SB	06/15/23 14:26
Total/NA	Analysis	7110B		1	62982	SS	EA SB	06/16/23 12:43 - 06/16/23 16:43 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/27/23 14:26
Total/NA	Prep	RAD Prep			62285	SS	EA SB	06/13/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63887	SM	EA SB	06/27/23 09:07 - 06/27/23 09:37 ¹
Total/NA	Prep	RAD Prep			62283	SS	EA SB	06/13/23 11:44
Total/NA	Analysis	SM7500 Ra D		1	65261	OO	EA SB	07/11/23 11:18 - 07/11/23 13:18 ¹

Client Sample ID: 45085.040 Inver Grove Heights, Filter 1 1-3

Lab Sample ID: 810-65879-2

Date Collected: 06/02/23 13:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:22
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 18:55
Total/NA	Prep	RAD Prep			62703	SS	EA SB	06/15/23 14:26
Total/NA	Analysis	7110B		1	62982	SS	EA SB	06/16/23 12:43 - 06/16/23 16:43 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/27/23 14:26
Total/NA	Prep	RAD Prep			62285	SS	EA SB	06/13/23 11:53
Total/NA	Analysis	SM7500 Ra B		1	63887	SM	EA SB	06/27/23 09:07 - 06/27/23 09:37 ¹
Total/NA	Prep	RAD Prep			62283	SS	EA SB	06/13/23 11:44
Total/NA	Analysis	SM7500 Ra D		1	65261	OO	EA SB	07/11/23 11:18 - 07/11/23 13:18 ¹

Client Sample ID: 45085.041 Inver Grove Heights, Filter 2 1-3

Lab Sample ID: 810-65879-3

Date Collected: 06/02/23 13:20

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:24
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 18:58
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	63216	SS	EA SB	06/20/23 19:33 - 06/21/23 01:33 ¹
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/30/23 09:38
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	64123	SM	EA SB	06/28/23 09:12 - 06/28/23 09:42 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Lab Chronicle

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.025 Inver Grove Heights, Raw 2-1

Lab Sample ID: 810-65879-4

Date Collected: 06/05/23 16:20

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:26
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:01
Total/NA	Analysis	SM 2340B		1	63156	AC	EA SB	06/20/23 17:28
Total/NA	Analysis	SM 2320B		1	62341	KH	EA SB	06/13/23 12:51
Total/NA	Analysis	SM 4500 NH3 D		1	62268	KH	EA SB	06/13/23 10:41
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/30/23 09:38
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	64121	SM	EA SB	06/28/23 09:12 - 06/28/23 09:42 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Client Sample ID: 45085.026 Inver Grove Heights, Filter 1 2-1

Lab Sample ID: 810-65879-5

Date Collected: 06/05/23 16:25

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:28
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:03
Total/NA	Analysis	SM 2340B		1	63156	AC	EA SB	06/20/23 17:28
Total/NA	Analysis	SM 2320B		1	62341	KH	EA SB	06/13/23 14:59
Total/NA	Analysis	SM 4500 NH3 D		1	62268	KH	EA SB	06/13/23 10:34
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/30/23 09:38
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	64121	SM	EA SB	06/28/23 09:12 - 06/28/23 09:42 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Client Sample ID: 45085.027 Inver Grove Heights, Filter 2 2-1

Lab Sample ID: 810-65879-6

Date Collected: 06/05/23 16:30

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:30
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:06
Total/NA	Analysis	SM 2340B		1	63156	AC	EA SB	06/20/23 17:28
Total/NA	Analysis	SM 2320B		1	62341	KH	EA SB	06/13/23 15:17
Total/NA	Analysis	SM 4500 NH3 D		1	62268	KH	EA SB	06/13/23 10:24
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹

Eurofins Eaton Analytical South Bend

Lab Chronicle

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.027 Inver Grove Heights, Filter 2 2-1

Lab Sample ID: 810-65879-6

Date Collected: 06/05/23 16:30

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/26/23 09:30
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	63608	SM	EA SB	06/23/23 09:43 - 06/23/23 10:13 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Client Sample ID: 45085.036 Inver Grove Heights, Raw 2-2

Lab Sample ID: 810-65879-7

Date Collected: 06/07/23 10:05

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:37
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:08
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/30/23 09:38
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	64121	SM	EA SB	06/28/23 09:12 - 06/28/23 09:42 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Client Sample ID: 45085.037 Inver Grove Heights, Filter 1 2-2

Lab Sample ID: 810-65879-8

Date Collected: 06/07/23 10:10

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:43
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:16
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/30/23 09:38
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	64121	SM	EA SB	06/28/23 09:12 - 06/28/23 09:42 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2

Lab Sample ID: 810-65879-9

Date Collected: 06/07/23 10:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:45
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:19

Eurofins Eaton Analytical South Bend

Lab Chronicle

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.038 Inver Grove Heights, Filter 2 2-2

Lab Sample ID: 810-65879-9

Date Collected: 06/07/23 10:15

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	RAD Prep			62700	SS	EA SB	06/15/23 14:22
Total/NA	Analysis	7110B		1	62986	SS	EA SB	06/16/23 16:50 - 06/17/23 04:50 ¹
Total/NA	Analysis	7500 Ra D		1	63710	SS	EA SB	06/26/23 09:30
Total/NA	Prep	RAD Prep			62282	SS	EA SB	06/13/23 11:39
Total/NA	Analysis	SM7500 Ra B		1	63608	SM	EA SB	06/23/23 09:43 - 06/23/23 10:13 ¹
Total/NA	Prep	RAD Prep			62278	SS	EA SB	06/13/23 11:33
Total/NA	Analysis	SM7500 Ra D		1	65264	OO	EA SB	07/10/23 12:15 - 07/10/23 14:15 ¹

Client Sample ID: 45085.028 Inver Grove Heights, Top Filter 1

Lab Sample ID: 810-65879-10

2-1

Date Collected: 06/05/23 16:35

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			62362	NB	EA SB	06/13/23 16:25
Total Recoverable	Analysis	200.8		1	62494	NB	EA SB	06/14/23 13:34

Client Sample ID: 45085.029 Inver Grove Heights, Top Filter 2

Lab Sample ID: 810-65879-11

2-1

Date Collected: 06/05/23 16:35

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			62362	NB	EA SB	06/13/23 16:25
Total Recoverable	Analysis	200.8		1	62494	NB	EA SB	06/14/23 13:36

Client Sample ID: 45085.035 Inver Grove Heights, Filter 2 to

Lab Sample ID: 810-65879-12

Waste 2-1 (5min)

Date Collected: 06/05/23 13:55

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:47
Total/NA	Analysis	200.8		1	62456	CA	EA SB	06/14/23 11:31

Client Sample ID: 45085.030 Inver Grove Heights, Filter 1 to

Lab Sample ID: 810-65879-13

Waste 2-1 (1min)

Date Collected: 06/05/23 13:51

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:49
Total/NA	Analysis	200.8		1	62456	CA	EA SB	06/14/23 11:34

Lab Chronicle

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Client Sample ID: 45085.031 Inver Grove Heights, Filter 2 to

Lab Sample ID: 810-65879-14

Waste 2-1 (1min)

Date Collected: 06/05/23 13:51

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			62355	NB	EA SB	06/13/23 16:25
Total Recoverable	Analysis	200.7		1	62710	AC	EA SB	06/14/23 15:20
Total Recoverable	Prep	200.8			62361	NB	EA SB	06/13/23 16:20
Total Recoverable	Analysis	200.8		1	62538	NB	EA SB	06/14/23 18:35

Client Sample ID: 45085.032 Inver Grove Heights, Filter 1 to

Lab Sample ID: 810-65879-15

Waste 2-1 (3min)

Date Collected: 06/05/23 13:53

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:52
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:32

Client Sample ID: 45085.033 Inver Grove Heights, Filter 2 to

Lab Sample ID: 810-65879-16

Waste 2-1 (3min)

Date Collected: 06/05/23 13:53

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	62323	AC	EA SB	06/13/23 14:54
Total/NA	Analysis	200.8		1	62376	NB	EA SB	06/13/23 19:34

Client Sample ID: 45085.034 Inver Grove Heights, Filter 1 to

Lab Sample ID: 810-65879-17

Waste 2-1 (5min)

Date Collected: 06/05/23 13:55

Matrix: Drinking Water

Date Received: 06/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.2			62355	NB	EA SB	06/13/23 16:25
Total Recoverable	Analysis	200.7		1	62710	AC	EA SB	06/14/23 15:22
Total Recoverable	Prep	200.8			62361	NB	EA SB	06/13/23 16:20
Total Recoverable	Analysis	200.8		1	62538	NB	EA SB	06/14/23 18:38

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Laboratory: Eurofins Eaton Analytical South Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	1989807	12-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7	200.2	Drinking Water	Iron
200.8	200.8	Drinking Water	Manganese
7500 Ra D		Drinking Water	Combined Radium 226 + 228
SM 2340B		Drinking Water	Calcium hardness as calcium carbonate
SM 2340B		Drinking Water	Magnesium hardness as calcium carbonate
SM 4500 NH3 D		Drinking Water	Ammonia, Nitrogen

Method Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Method	Method Description	Protocol	Laboratory
200.7	Metals (ICP)	EPA	EA SB
200.8	Metals (ICP/MS)	EPA	EA SB
SM 2340B	Total Hardness (as CaCO3) by calculation	SM	EA SB
SM 2320B	Alkalinity	SM	EA SB
SM 4500 NH3 D	Ammonia	SM	EA SB
7110B	Gross Alpha and Gross Beta Radioactivity	SM	EA SB
7500 Ra D	Radium 226 Radium 228 Combined	SM	EA SB
SM7500 Ra B	Radium-226	SM	EA SB
SM7500 Ra D	Radium-228	SM	EA SB
200.2	Preparation, Total Recoverable Metals	EPA	EA SB
200.8	Preparation, Total Recoverable Metals	EPA	EA SB
RAD Prep	Preparation, Radiologicals	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

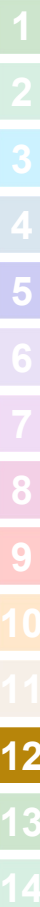
EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: UC Laboratory
Project/Site: Inver Grove Heights

Job ID: 810-65879-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-65879-1	45085.039 Inver Grove Heights, Raw 1-3	Drinking Water	06/02/23 13:10	06/09/23 09:00
810-65879-2	45085.040 Inver Grove Heights, Filter 1 1-3	Drinking Water	06/02/23 13:15	06/09/23 09:00
810-65879-3	45085.041 Inver Grove Heights, Filter 2 1-3	Drinking Water	06/02/23 13:20	06/09/23 09:00
810-65879-4	45085.025 Inver Grove Heights, Raw 2-1	Drinking Water	06/05/23 16:20	06/09/23 09:00
810-65879-5	45085.026 Inver Grove Heights, Filter 1 2-1	Drinking Water	06/05/23 16:25	06/09/23 09:00
810-65879-6	45085.027 Inver Grove Heights, Filter 2 2-1	Drinking Water	06/05/23 16:30	06/09/23 09:00
810-65879-7	45085.036 Inver Grove Heights, Raw 2-2	Drinking Water	06/07/23 10:05	06/09/23 09:00
810-65879-8	45085.037 Inver Grove Heights, Filter 1 2-2	Drinking Water	06/07/23 10:10	06/09/23 09:00
810-65879-9	45085.038 Inver Grove Heights, Filter 2 2-2	Drinking Water	06/07/23 10:15	06/09/23 09:00
810-65879-10	45085.028 Inver Grove Heights, Top Filter 1 2-1	Drinking Water	06/05/23 16:35	06/09/23 09:00
810-65879-11	45085.029 Inver Grove Heights, Top Filter 2 2-1	Drinking Water	06/05/23 16:35	06/09/23 09:00
810-65879-12	45085.035 Inver Grove Heights, Filter 2 to Waste 2-1 (5min)	Drinking Water	06/05/23 13:55	06/09/23 09:00
810-65879-13	45085.030 Inver Grove Heights, Filter 1 to Waste 2-1 (1min)	Drinking Water	06/05/23 13:51	06/09/23 09:00
810-65879-14	45085.031 Inver Grove Heights, Filter 2 to Waste 2-1 (1min)	Drinking Water	06/05/23 13:51	06/09/23 09:00
810-65879-15	45085.032 Inver Grove Heights, Filter 1 to Waste 2-1 (3min)	Drinking Water	06/05/23 13:53	06/09/23 09:00
810-65879-16	45085.033 Inver Grove Heights, Filter 2 to Waste 2-1 (3min)	Drinking Water	06/05/23 13:53	06/09/23 09:00
810-65879-17	45085.034 Inver Grove Heights, Filter 1 to Waste 2-1 (5min)	Drinking Water	06/05/23 13:55	06/09/23 09:00



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Page 43 of 47

Initial Temp 0.4
Corrected Temp 0.4, 1.4, 2.8
Gun # 21
Ver: 01/16/2019
7/12/2023
wet

South Bend, IN

110 S Hill Street

South Bend, IN 46617

Phone (574) 233-4777 Phone (574) 233-8207

Chain of Custody Record



Environment Testing
America

Client Information				Sampler: Joe Mattheis		Lab PM: Joe Mattheis		Carrier Tracking No(s):		COC No: 810-6672-2003.1																					
Client Contact: Lynda Kruse				Phone:		E-Mail: Joe.Mattheis@et.eurofinsus.com		State of Origin:		Page: Page 2 of 4																					
Company: UC Laboratory				PWSID:		Analysis Requested																									
Address: 129 North Main PO BOX 551				Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Radium</td> <td>Ammonia</td> <td>Manganese 200.7</td> <td>Iron 200.8</td> <td>Calcium 200.9</td> <td>Magnesium 200.10</td> <td>Hardness</td> <td>Alkalinity</td> <td>Other:</td> </tr> <tr> <td>Perform MS/ASU (Yes or No)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Radium	Ammonia	Manganese 200.7	Iron 200.8	Calcium 200.9	Magnesium 200.10	Hardness	Alkalinity	Other:	Perform MS/ASU (Yes or No)									
Field Filtered Sample (Yes or No)	Radium	Ammonia	Manganese 200.7	Iron 200.8	Calcium 200.9							Magnesium 200.10	Hardness	Alkalinity	Other:																
Perform MS/ASU (Yes or No)																															
City: Janesville				TAT Requested (days):																											
State, Zip: MN, 56048				Compliance Project: Δ Yes Δ No																											
Phone:				PO #:																											
Email: Lynda@uclaboratory.net				WO #:		Preservation Codes:																									
Project Name:				Project #:		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)																									
Site:				SSOW#:		Other:																									
Sample Identification				Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)																					
										Preservation Code:																					
Inver Grove Heights, Filter 1 2-1,				6/5/23		16:25				Drinking Water																					
Inver Grove Heights, Filter 2 2-1,				6/5/23		16:30				Drinking Water																					
Inver Grove Heights, Raw 1-3,				6/2/23		13:10				Drinking Water																					
Inver Grove Heights, Filter 1 1-3,				6/2/23		13:15				Drinking Water																					
Inver Grove Heights, Filter 2 1-3,				6/2/23		13:20				Drinking Water																					
Inver Grove Heights, Raw 2-1,				6/5/23		16:20				Drinking Water																					
Brownton, Filter 1 2-1,				6/5/23		16:25				Drinking Water																					
Inver Grove Heights, Filter 2 2-1,				6/5/23		16:30				Drinking Water																					
Inver Grove Heights, Top Filter 1 2-1,				6/5/23		16:35				Drinking Water																					
Inver Grove Heights, Top Filter 2 2-1,				6/5/23		16:35				Drinking Water																					
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																											
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological				☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months																											
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:																											
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:																							
Relinquished by: <i>AMM</i>				Date/Time: 6.8.23 15:30		Company:		Received by: <i>SS</i>		Date/Time: 6-9-23 0900																					
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:																					
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:																					
Custody Seals Intact: Δ Yes Δ No				Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:																									

Initial Temp: 0.4 1.4 2.8
Corrected Temp: 0.4 1.4 2.8
IR Gun # 21 1.4 2.8 1.04
Ver: 01/16/2018
11/2/2023

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America

Client Provided Sample Container

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: UC Laboratory

Job Number: 810-65879-1

Login Number: 65879

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Spurgeon, Sheri

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers for Ammonia and Metals samples

ANALYTICAL REPORT

PREPARED FOR

Attn: Lynda Kruse
UC Laboratory
129 North Main
PO BOX 551
Janesville, Minnesota 56048

Generated 7/14/2023 1:08:45 PM

JOB DESCRIPTION

UC Laboratory

JOB NUMBER

810-66309-1

Eurofins Eaton Analytical South Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization



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7/14/2023 1:08:45 PM

Authorized for release by
Joe Mattheis, Project Manager I
Joe.Mattheis@et.eurofinsus.com
(574)233-4777

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Definitions/Glossary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Job ID: 810-66309-1

Laboratory: Eurofins Eaton Analytical South Bend

Narrative

Job Narrative 810-66309-1

Receipt

The samples were received on 6/14/2023 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-1

No Detections.

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-2

No Detections.

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-3

No Detections.

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Manganese	230		2.0	ug/L	1		200.8	Total/NA

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-5

No Detections.

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-6

No Detections.

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Iron	0.073		0.010	mg/L	1		200.7	Total/NA

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-8

No Detections.

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-1

Date Collected: 06/09/23 08:55

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	14.2				3.00	2.10	pCi/L	06/19/23 15:45	06/22/23 20:10	1
Gross Beta	6.83				4.00	1.97	pCi/L	06/19/23 15:45	06/22/23 20:10	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	10.6				1.00	0.700	pCi/L		07/11/23 15:20	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	8.62				1.00	0.340	pCi/L	06/19/23 10:31	07/10/23 11:22	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	2.01				1.00	0.700	pCi/L	06/19/23 10:27	07/13/23 13:48	1

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-2

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.67	U			3.00	2.43	pCi/L	06/19/23 15:45	06/22/23 20:10	1
Gross Beta	2.77				4.00	2.23	pCi/L	06/19/23 15:45	06/22/23 20:10	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.27				1.00	0.650	pCi/L		07/11/23 15:20	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.27				1.00	0.380	pCi/L	06/19/23 10:31	07/10/23 11:22	1

Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-2

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.110	U			1.00	0.650	pCi/L	06/19/23 10:27	07/13/23 13:48	1

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-3

Date Collected: 06/09/23 09:05

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: SM 7110B - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.47	U			3.00	2.71	pCi/L	06/19/23 15:45	06/22/23 20:10	1
Gross Beta	-1.87	U			4.00	2.29	pCi/L	06/19/23 15:45	06/22/23 20:10	1

Method: SM 7500 Ra D - Radium 226 Radium 228 Combined

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.530	U			1.00	0.690	pCi/L		07/11/23 15:20	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.530				1.00	0.440	pCi/L	06/19/23 10:31	07/10/23 11:22	1

Method: SM7500 Ra D - Radium-228

Analyte	Result	Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.660	U			1.00	0.690	pCi/L	06/19/23 10:27	07/13/23 13:48	1

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-4

Date Collected: 06/09/23 08:55

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	230		2.0	ug/L			06/20/23 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia, Nitrogen (SM 4500 NH3 D)	<0.10		0.10	mg/L			06/23/23 15:59	1

Client Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-5

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/20/23 14:33	1

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-6

Date Collected: 06/09/23 09:05

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/20/23 14:40	1

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-7

Date Collected: 06/09/23 08:55

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.073		0.010	mg/L			06/20/23 14:09	1

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-8

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/20/23 14:11	1

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-9

Date Collected: 06/09/23 09:05

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Method: EPA 200.7 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/20/23 14:13	1

QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Method: 200.7 - Metals (ICP)

Lab Sample ID: MB 810-63145/12
Matrix: Drinking Water
Analysis Batch: 63145

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/20/23 13:24	1

Lab Sample ID: MB 810-63145/44
Matrix: Drinking Water
Analysis Batch: 63145

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.010		0.010	mg/L			06/20/23 14:33	1

Lab Sample ID: LCS 810-63145/15
Matrix: Drinking Water
Analysis Batch: 63145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.00	4.75		mg/L		95	85 - 115

Lab Sample ID: LLCS 810-63145/11
Matrix: Drinking Water
Analysis Batch: 63145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.0100	0.0103		mg/L		103	50 - 150

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 810-63138/13
Matrix: Drinking Water
Analysis Batch: 63138

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.0		2.0	ug/L			06/20/23 14:04	1

Lab Sample ID: LLCS 810-63138/11
Matrix: Drinking Water
Analysis Batch: 63138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.300	<0.66		ug/L		110	50 - 150

Lab Sample ID: LLCS 810-63138/12
Matrix: Drinking Water
Analysis Batch: 63138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	1.00	1.03	J	ug/L		103	50 - 150

QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Method: SM 4500 NH3 D - Ammonia

Lab Sample ID: MBL 810-63695/6
Matrix: Drinking Water
Analysis Batch: 63695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia, Nitrogen	<0.046		0.10	mg/L			06/23/23 15:52	1

Lab Sample ID: LCS 810-63695/4
Matrix: Drinking Water
Analysis Batch: 63695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	2.50	2.48		mg/L		99	84 - 113

Lab Sample ID: LLCs 810-63695/5
Matrix: Drinking Water
Analysis Batch: 63695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	0.100	0.0900	J	mg/L		90	50 - 150

Lab Sample ID: 810-66309-4 MS
Matrix: Drinking Water
Analysis Batch: 63695

Client Sample ID: Inver Grove Heights, Raw 2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia, Nitrogen	<0.10		2.50	2.48		mg/L		96	68 - 132

Lab Sample ID: 810-66309-4 MSD
Matrix: Drinking Water
Analysis Batch: 63695

Client Sample ID: Inver Grove Heights, Raw 2-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia, Nitrogen	<0.10		2.50	2.53		mg/L		98	68 - 132	2	20

Method: 7110B - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 810-63022/1-A
Matrix: Drinking Water
Analysis Batch: 63614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 63022

Analyte	MB Result	MB Qualifier	Count Uncert. (σ+/-)	Total Uncert. (σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	-0.3700	U			3.00	1.13	pCi/L	06/19/23 15:45	06/22/23 20:10	1
Gross Beta	-3.840	U			4.00	1.90	pCi/L	06/19/23 15:45	06/22/23 20:10	1

Lab Sample ID: LCS 810-63022/2-A
Matrix: Drinking Water
Analysis Batch: 63614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 63022

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	15.4	16.04			3.00	1.53	pCi/L	104	80 - 120
Gross Beta	20.2	21.78			4.00	3.35	pCi/L	108	80 - 120

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QC Sample Results

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Method: SM7500 Ra B - Radium-226

Lab Sample ID: MB 810-62960/1-A
Matrix: Drinking Water
Analysis Batch: 63731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62960

Analyte	MB Result	MB Qualifier	Count Uncert. (σ +/-)	Total Uncert. (σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	-0.01000	U			1.00	0.340	pCi/L	06/19/23 10:31	06/26/23 10:07	1

Lab Sample ID: LCS 810-62960/2-A
Matrix: Drinking Water
Analysis Batch: 63731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62960

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.03	5.290			1.00	0.430	pCi/L	105	90 - 110

Method: SM7500 Ra D - Radium-228

Lab Sample ID: MB 810-62958/1-A
Matrix: Drinking Water
Analysis Batch: 65661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 62958

Analyte	MB Result	MB Qualifier	Count Uncert. (σ +/-)	Total Uncert. (σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-228	-0.4800	U			1.00	0.740	pCi/L	06/19/23 10:27	07/13/23 13:48	1

Lab Sample ID: LCS 810-62958/2-A
Matrix: Drinking Water
Analysis Batch: 65661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 62958

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (σ +/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-228	4.27	3.440			1.00	0.710	pCi/L	81	80 - 120

QC Association Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Metals

Analysis Batch: 63138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-66309-4	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	200.8	
810-66309-5	Inver Grove Heights, Filter 1 2-3	Total/NA	Drinking Water	200.8	
810-66309-6	Inver Grove Heights, Filter 2 2-3	Total/NA	Drinking Water	200.8	
MB 810-63138/13	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-63138/14	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-63138/11	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-63138/12	Lab Control Sample	Total/NA	Drinking Water	200.8	

Analysis Batch: 63145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-66309-7	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	200.7	
810-66309-8	Inver Grove Heights, Filter 1 2-3	Total/NA	Drinking Water	200.7	
810-66309-9	Inver Grove Heights, Filter 2 2-3	Total/NA	Drinking Water	200.7	
MB 810-63145/12	Method Blank	Total/NA	Drinking Water	200.7	
MB 810-63145/44	Method Blank	Total/NA	Drinking Water	200.7	
LCS 810-63145/15	Lab Control Sample	Total/NA	Drinking Water	200.7	
LLCS 810-63145/11	Lab Control Sample	Total/NA	Drinking Water	200.7	

General Chemistry

Analysis Batch: 63695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-66309-4	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	SM 4500 NH3 D	
MBL 810-63695/6	Method Blank	Total/NA	Drinking Water	SM 4500 NH3 D	
LCS 810-63695/4	Lab Control Sample	Total/NA	Drinking Water	SM 4500 NH3 D	
LLCS 810-63695/5	Lab Control Sample	Total/NA	Drinking Water	SM 4500 NH3 D	
810-66309-4 MS	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	SM 4500 NH3 D	
810-66309-4 MSD	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	SM 4500 NH3 D	

Rad

Prep Batch: 62958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-66309-1	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	RAD Prep	
810-66309-2	Inver Grove Heights, Filter 1 2-3	Total/NA	Drinking Water	RAD Prep	
810-66309-3	Inver Grove Heights, Filter 2 2-3	Total/NA	Drinking Water	RAD Prep	
MB 810-62958/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62958/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 62960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-66309-1	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	RAD Prep	
810-66309-2	Inver Grove Heights, Filter 1 2-3	Total/NA	Drinking Water	RAD Prep	
810-66309-3	Inver Grove Heights, Filter 2 2-3	Total/NA	Drinking Water	RAD Prep	
MB 810-62960/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-62960/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	

Prep Batch: 63022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-66309-1	Inver Grove Heights, Raw 2-3	Total/NA	Drinking Water	RAD Prep	
810-66309-2	Inver Grove Heights, Filter 1 2-3	Total/NA	Drinking Water	RAD Prep	
810-66309-3	Inver Grove Heights, Filter 2 2-3	Total/NA	Drinking Water	RAD Prep	

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QC Association Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Rad (Continued)

Prep Batch: 63022 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 810-63022/1-A	Method Blank	Total/NA	Drinking Water	RAD Prep	
LCS 810-63022/2-A	Lab Control Sample	Total/NA	Drinking Water	RAD Prep	

Lab Chronicle

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-1

Date Collected: 06/09/23 08:55

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	RAD Prep			63022	SS	EA SB	06/19/23 15:45
Total/NA	Analysis	7110B		1	63614	SS	EA SB	06/22/23 20:10 - 06/23/23 06:10 ¹
Total/NA	Analysis	7500 Ra D		1	65244	OO	EA SB	07/11/23 15:20
Total/NA	Prep	RAD Prep			62960	SS	EA SB	06/19/23 10:31
Total/NA	Analysis	SM7500 Ra B		1	65061	SM	EA SB	07/10/23 11:22 - 07/10/23 11:52 ¹
Total/NA	Prep	RAD Prep			62958	SS	EA SB	06/19/23 10:27
Total/NA	Analysis	SM7500 Ra D		1	65661	OO	EA SB	07/13/23 13:48 - 07/13/23 15:48 ¹

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-2

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	RAD Prep			63022	SS	EA SB	06/19/23 15:45
Total/NA	Analysis	7110B		1	63614	SS	EA SB	06/22/23 20:10 - 06/23/23 06:10 ¹
Total/NA	Analysis	7500 Ra D		1	65244	OO	EA SB	07/11/23 15:20
Total/NA	Prep	RAD Prep			62960	SS	EA SB	06/19/23 10:31
Total/NA	Analysis	SM7500 Ra B		1	65061	SM	EA SB	07/10/23 11:22 - 07/10/23 11:52 ¹
Total/NA	Prep	RAD Prep			62958	SS	EA SB	06/19/23 10:27
Total/NA	Analysis	SM7500 Ra D		1	65661	OO	EA SB	07/13/23 13:48 - 07/13/23 15:48 ¹

Client Sample ID: Inver Grove Heights, Filtler 2 2-3

Lab Sample ID: 810-66309-3

Date Collected: 06/09/23 09:05

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	RAD Prep			63022	SS	EA SB	06/19/23 15:45
Total/NA	Analysis	7110B		1	63614	SS	EA SB	06/22/23 20:10 - 06/23/23 06:10 ¹
Total/NA	Analysis	7500 Ra D		1	65244	OO	EA SB	07/11/23 15:20
Total/NA	Prep	RAD Prep			62960	SS	EA SB	06/19/23 10:31
Total/NA	Analysis	SM7500 Ra B		1	65061	SM	EA SB	07/10/23 11:22 - 07/10/23 11:52 ¹
Total/NA	Prep	RAD Prep			62958	SS	EA SB	06/19/23 10:27
Total/NA	Analysis	SM7500 Ra D		1	65661	OO	EA SB	07/13/23 13:48 - 07/13/23 15:48 ¹

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-4

Date Collected: 06/09/23 08:55

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	63138	CA	EA SB	06/20/23 14:31
Total/NA	Analysis	SM 4500 NH3 D		1	63695	KH	EA SB	06/23/23 15:59

Lab Chronicle

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-5

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	63138	CA	EA SB	06/20/23 14:33

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-6

Date Collected: 06/09/23 09:05

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	63138	CA	EA SB	06/20/23 14:40

Client Sample ID: Inver Grove Heights, Raw 2-3

Lab Sample ID: 810-66309-7

Date Collected: 06/09/23 08:55

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	63145	AC	EA SB	06/20/23 14:09

Client Sample ID: Inver Grove Heights, Filter 1 2-3

Lab Sample ID: 810-66309-8

Date Collected: 06/09/23 09:00

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	63145	AC	EA SB	06/20/23 14:11

Client Sample ID: Inver Grove Heights, Filter 2 2-3

Lab Sample ID: 810-66309-9

Date Collected: 06/09/23 09:05

Matrix: Drinking Water

Date Received: 06/14/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.7		1	63145	AC	EA SB	06/20/23 14:13

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Laboratory: Eurofins Eaton Analytical South Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	1989807	12-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7500 Ra D		Drinking Water	Combined Radium 226 + 228
SM 4500 NH3 D		Drinking Water	Ammonia, Nitrogen

Method Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Method	Method Description	Protocol	Laboratory
200.7	Metals (ICP)	EPA	EA SB
200.8	Metals (ICP/MS)	EPA	EA SB
SM 4500 NH3 D	Ammonia	SM	EA SB
7110B	Gross Alpha and Gross Beta Radioactivity	SM	EA SB
7500 Ra D	Radium 226 Radium 228 Combined	SM	EA SB
SM7500 Ra B	Radium-226	SM	EA SB
SM7500 Ra D	Radium-228	SM	EA SB
RAD Prep	Preparation, Radiologicals	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Sample Summary

Client: UC Laboratory
Project/Site: UC Laboratory

Job ID: 810-66309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-66309-1	Inver Grove Heights, Raw 2-3	Drinking Water	06/09/23 08:55	06/14/23 09:30
810-66309-2	Inver Grove Heights, Filter 1 2-3	Drinking Water	06/09/23 09:00	06/14/23 09:30
810-66309-3	Inver Grove Heights, Filter 2 2-3	Drinking Water	06/09/23 09:05	06/14/23 09:30
810-66309-4	Inver Grove Heights, Raw 2-3	Drinking Water	06/09/23 08:55	06/14/23 09:30
810-66309-5	Inver Grove Heights, Filter 1 2-3	Drinking Water	06/09/23 09:00	06/14/23 09:30
810-66309-6	Inver Grove Heights, Filter 2 2-3	Drinking Water	06/09/23 09:05	06/14/23 09:30
810-66309-7	Inver Grove Heights, Raw 2-3	Drinking Water	06/09/23 08:55	06/14/23 09:30
810-66309-8	Inver Grove Heights, Filter 1 2-3	Drinking Water	06/09/23 09:00	06/14/23 09:30
810-66309-9	Inver Grove Heights, Filter 2 2-3	Drinking Water	06/09/23 09:05	06/14/23 09:30

Login Sample Receipt Checklist

Client: UC Laboratory

Job Number: 810-66309-1

Login Number: 66309

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: DePriest, Kellie

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers

APPENDIX C

Summary Field Results

[illegible]

TonkaWater																
Date	Time			Filter 2, 1.0 ppm, HMO, GS+, 1.05												
Date	Time	Total Cl ₂		pH	Temp	Ammonia	Fe	Mn	Fe Filter to Waste	Mn Filter to Waste	Mn top of filter	Mn top of filter, 0.45um filter	Free Cl ₂	Total Cl ₂		
		2-3x		1x	1x	1-2x	2-3x	2-3x	After backwash			1-2x	1-2x	2-3x	2-3x	
		day		day	day	day	day	day				run	run	day	day	
Date	Time Actual	(mg/L)		(pH)	(C)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	
5/30/2023	10:12															start pilot run 1, add 60 gallons to total flow
	10:20															
	10:55	0.73		7.2	53.7	0.00	0.00	0.015					0.51	0.72		
	11:20															
	11:45	0.76											0.55	0.65		refill chlorine- 10 gallons + 200ml bleach
	11:56															turn up Cl2
	12:00															
	13:40															
	13:43	1.13		7.2	54.5	0.00	0.00	0.016					1.00	1.08		
	14:20										0.976					refill cl2 and HMO tanks
	14:51															
731	15:00															retested tof
1/5/1900	15:10															
5/31/2023	8:45															change concentration of cl 200ml/5 gallons (double concentration, half speed)
5/31/2023	8:50															
	9:02															disassembled dp gauge, pilot off
	9:07															pilot back on
	9:18															
	10:04	2.10		7.4	54.4	0.00	0.01	0.019					1.69	1.96		
	10:21															adjusted Cl pump speed to 20%
	10:35															
	10:44												1.52			
	10:50															
	11:21												0.94			
	11:47															
	13:35												0.91			
	13:40															
	14:20										0.522					
	15:00															
	15:30	1.18		7.4	54.0	0.00	0.01	0.030					0.73	1.16		
	16:35															
6/1/2023	8:40															
	9:00	1.53		7.3	53.4	0.00	0.00	0.016					1.30	1.49		
	9:30															
	9:50															
	10:00												0.75			
	10:15										0.762					
	10:50												0.93			
	14:10	1.08		7.5	53.9	0.00	0.00	0.010					0.92	1.05		
	14:50															
	8:35															
	8:40	1.22		7.4	53.8	0.00	0.00	0.025					1.10	1.20		
	9:35															
	9:50										1.152					
	10:20															
	11:15															
	12:50															
	13:30	1.11		7.3	53.5	0.00	0.00	0.029					0.94	1.10		

[illegible]



Request for Council Action

SUBJECT: **Third Reading of Ordinance 1457 Establishing a City Licensing Requirement for Tobacco Sales and Resolution Approving Summary Publication**

MEETING DATE: August 14, 2023
ITEM TYPE: Regular Business
CONTACT: Rebecca Kiernan, City Clerk, 651.450.2513

ACTION REQUESTED

The Council is asked to consider approval of the third reading of the attached Ordinance 1457, which establishes a City licensing process for the sale of tobacco products, and adoption of the attached Resolution, approving summary publication.

BACKGROUND

Most Dakota County cities license tobacco retailers at the local level. However, the City of Inver Grove Heights has not implemented a tobacco licensing program up until now. As a result, Dakota County has been carrying out the licensing of tobacco sales within the city.

Dakota County staff reached out to the City Clerk's Office in 2022 requesting that the City take over the licensing and enforcement of tobacco sales, starting with the renewal process in 2023 for licensure in 2024. There are currently 32 licensed tobacco retailers in the city.

The proposed ordinance, which is attached, provides for a 1-year license period (January 1 to December 31) to be more consistent with other neighboring jurisdictions and with the other business licenses the City currently administers, such as liquor licenses. This would be a change from the current 2-year license period administered by Dakota County. With respect to violations of the tobacco licensing ordinance, the proposed ordinance includes fines and penalties consistent and comparable to what other jurisdictions in Dakota County have enacted.

Staff made updated changes to the language of the proposed ordinance since the Council approved the first reading on June 12, 2023. A few changes to note are as follows from the 2nd reading:

1. 4-12-3 Persons possessing a tobacco license issued by Dakota County shall not be required to obtain a license from the City until January 1, 2024.
2. 4-12-3E Term: All licenses shall expire on December 31 of each year - except that all licenses issued between September 1, 2023 and December 31, 2023 shall expire on December 31, 2024.
3. 4-12-7B (Existing City code) adding the date of July 1, 2019 as the permit of sampling (original adoption of ordinance) to include the 3 licensed sampling retail establishments.
4. The effective date will be September 1, 2023 for the transition from Dakota County to the City.

FISCAL IMPACT

License fees would result in a modest revenue increase for the City, while at the same time there would be some added administrative and enforcement costs.

RECOMMENDATION

Staff recommends approval of the third reading of the attached Ordinance 1457 and adoption of the attached Resolution, authorizing summary publication.

ATTACHMENTS

1. Ordinance 1457 Tobacco 8.09.2023
2. Resolution Approving Summary Publication of Ordinance 1457
3. License Violation Penalties and Fees 2023

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

ORDINANCE NO.1457

**AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE
TITLE 4, CHAPTER 12, RELATED TO THE SALE OF TOBACCO AND NICOTINE
PRODUCTS**

THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS ORDAINS AS FOLLOWS:

Section One. Amendment. Title 4, Chapter 12 of the Inver Grove Heights City Code is hereby repealed and replaced in its entirety as follows:

4-12-1: PURPOSE AND INTENT:

The City Council recognizes that many persons under the age of 21 years purchase or otherwise obtain, possess, and use tobacco, tobacco products and tobacco related devices, as well as electronic delivery devices and nicotine or lobelia delivery products, and such sales, possession, and use are violations of state and/or federal laws. The City intends to regulate the sale of tobacco, tobacco products, and tobacco-related devices, electronic delivery devices, and nicotine or lobelia delivery products for the purpose of enforcing and furthering existing law, to prevent and protect underaged individuals against the health harms from the use of tobacco, tobacco products, and tobacco related devices, electronic delivery devices, and nicotine or lobelia delivery products and to further the policy of the State of Minnesota, as stated in Minnesota Statutes, Section 144.391, with respect to preventing underage individuals from starting to smoke.

4-12-2: DEFINITIONS:

For the purpose of this chapter the following definitions shall apply unless the context clearly indicates or requires a different meaning.

CHILD RESISTANT PACKAGING: Packaging that meets the definition set forth in Code of Federal Regulations, title 16, section 1700.15(b), as in effect on January 1, 2015, and was tested in accordance with the method described in Code of Federal Regulations, title 16, section 1700.20, as in effect on January 1, 2015.

COMPLIANCE CHECKS: The system the City uses to investigate and ensure that those authorized to sell Licensed Products are following and complying with the requirements of this Chapter. Compliance Checks may involve the use of persons under 21 years of age as authorized by this chapter. Compliance Checks may also be conducted by other units of government for the purpose of enforcing appropriate federal, state, or local laws

and regulations related to Licensed Products.

ELECTRONIC DELIVERY DEVICE: Any product containing or delivering nicotine, lobelia, or any other substance, whether natural or synthetic, intended for human consumption through inhalation of aerosol or vapor from the product. Electronic delivery device includes but is not limited to devices manufactured, marketed, or sold as electronic cigarettes, electronic cigars, electronic pipe, vape pens, modes, tank systems, or under any other product name or descriptor. Electronic delivery device includes any component part of a product, whether or not marketed or sold separately. Electronic delivery device excludes drugs, devices, or combination products, as those terms are defined in the Federal Food, Drug, and Cosmetic Act, that are authorized for sale by the United States Food and Drug Administration.

INDIVIDUALLY PACKAGED: The practice of selling any tobacco or tobacco product wrapped individually for sale. Individually wrapped tobacco and tobacco products shall include, but not be limited to, single cigarette packs, single bags or cans of loose tobacco in any form and single cans or other packaging of snuff or chewing tobacco. Cartons or other packaging containing five (5) or more single packs or other containers as described in this chapter shall not be considered individually packaged.

INDOOR AREA: All space between a floor and a ceiling that is bounded by walls, doorways, or windows, whether open or closed, covering more than 50% of the combined surface area of the vertical planes constituting the perimeter of the area. A wall includes a retractable divider, garage door, or other physical barrier, whether temporary or permanent.

LICENSE: A license issued under this Chapter for the sale of licensed products.

LICENSED PRODUCTS: Any tobacco, nicotine, tobacco-related device, electronic delivery device, or nicotine or lobelia delivery device.

LOOSIES: The common terms used to refer to a single or individually packaged cigarette or any other licensed product that has been removed from its intended retail packaging and offered for sale. The term “loosies” does not include individual cigars with a retail price, before any sales tax, of more than \$2.00 per cigar.

MOVEABLE PLACE OF BUSINESS: Any form of business operated out of a truck, van, automobile or other type of vehicle or transportable shelter and not a fixed address store front or other permanent type of structure authorized for sales transactions.

NICOTINE: Any product containing nicotine. Nicotine does not include any product that has been approved or certified by the United States Food and Drug Administration for sale as a tobacco-cessation product, as a tobacco-dependence treatment product, or for other medical purposes, and is marketed and sold for such an approved purpose.

NICOTINE OR LOBELIA DELIVERY DEVICE: Any product containing or delivering nicotine or lobelia intended for human consumption, or any part of such a product, that is not tobacco as defined in this section. Nicotine or lobelia delivery device does not include any product that has been approved or otherwise certified for legal sale by the United States Food and Drug Administration for sale as a tobacco cessation product or for other medical purposes, and is being marketed and sold solely for that approved purpose.

PREMIUM CIGAR: Any cigar that is hand-constructed, has a wrapper that is made entirely from whole tobacco leaf, has a filler and binder that is made entirely of tobacco, except for adhesives or other materials used to maintain size, texture, or flavor, and has a wholesale price of no less than two dollars (\$2.00).

RETAIL ESTABLISHMENT: Any place of business where licensed products are available for sale to the general public. Retail establishments shall include, but not be limited to, grocery stores, convenience stores, drug stores, restaurants, and tobacco products shops and exclusive liquor stores.

SALE: Any transfer of goods for money, trade, barter or other consideration.

SELF-SERVICE MERCHANDISING: Open displays of licensed products in any manner where any person shall have access to the licensed products, without the assistance or intervention of the licensee or the licensee's agents or employees.

SAMPLING: The lighting of tobacco, tobacco products, or tobacco-related devices in a retail establishment by a customer or potential customer for the purpose of sampling the product or device before purchase, or the activation and inhaling of vapor from electronic delivery devices in a retail establishment by a customer for the purpose of trying the product or device.

TOBACCO or TOBACCO PRODUCTS: Cigarettes and any product containing, made, or derived from tobacco that is intended for human consumption, whether chewed, smoked, absorbed, dissolved, inhaled, snorted, sniffed, or ingested by any other means, or any component, part, or accessory of a tobacco product including but not limited to cigars; cheroots; stogies; perique; granulated, plug cut, crimp cut, ready rubbed, and other smoking tobacco; snuff; snuff flour; cavendish; plug and twist tobacco; fine cut and other chewing tobaccos; shorts; refuse scraps, clippings, cuttings and sweepings of tobacco; and other kinds and forms of tobacco. Tobacco excludes any drugs, devices, or combination products, as those terms are defined in the Federal Food, Drug, and Cosmetic Act, that are authorized for sale by the United States Food and Drug Administration.

TOBACCO PRODUCTS SHOP: A retail establishment that has an entrance door opening directly to the outside and that derives more than 90 percent of its gross revenue from the sale of licensed products and in which the sale of other products is merely incidental. "Tobacco products shop" does not include a tobacco department or section of any individual business establishment with any type of liquor, food, or restaurant license.

TOBACCO RELATED DEVICES: Cigarette papers or pipes for smoking or other devices intentionally designed or intended to be used in a manner which enables the chewing, sniffing, smoking, or inhalation of aerosol or vapor of tobacco or tobacco products. Tobacco-related devices include components of tobacco-related devices which may be marketed or sold separately.

VENDING MACHINE: Any mechanical, electric or electronic or other type of device which dispenses tobacco, tobacco products or tobacco related devices upon the insertion of money, tokens or other form of payment directly into the machine by the person seeking to purchase the tobacco, tobacco product or tobacco related device.

4-12-3: LICENSE:

No person shall sell or offer to sell any licensed products at a retail establishment without first having obtained a license to do so from the City, except that all persons possessing a tobacco license issued by Dakota County shall not be required to obtain a license from the City until January 1, 2024.

A. Applications:

1. An application for a license to sell licensed products shall be made on a form provided by the city. The application shall contain the full name of the applicant, the applicant's residential and business addresses and telephone numbers, the names of the business for which the license is sought, the specific location of the retail establishment, and any additional information the City deems necessary. Incomplete applications shall be returned to the applicant with notice of the information required to complete the application. Applicants shall include with their application a copy of the educational materials the applicant will provide to employees who sell licensed products to educate employees about laws regarding licensed products.

2. Upon receipt of a completed application for a new license, the City Clerk shall forward the application to the Police Department for a background investigation and recommendation.

B. Action: Upon receipt of a completed application together with the applicable license fee and a completed background investigation, the City Clerk shall forward the application to the City Council for action at a Council meeting. The Council may either approve or deny the license, or it may delay action for such reasonable period of time as is necessary to complete any investigation of the application or the applicant it deems necessary. If the Council approves the license, the Clerk shall issue the license to the applicant. If the Council denies the license, notice of the denial shall be given to the applicant along with notice of the applicant's right to appeal the Council's decision.

C. License Fee: The applicant shall submit the fees required by the City's fee schedule at time of submission of application. No license shall be issued or renewed unless the appropriate fees are paid in full.

D. Investigations:

1. For all new applicants, a background investigation will be conducted on the applicant listed on the application. If more than one background investigation is required, the applicant shall pay a background investigation fee for each background investigation conducted. For applicants who have an existing license who want to add an additional location at any time other than annual renewal, a background investigation will be required.

2. For applicants who are applying for a license for more than one (1) location, only one background investigation and background investigation fee shall be required.

E. Term: All licenses shall expire on December 31st of each year, except that all licenses issued between September 1, 2023 and December 31, 2023 shall expire on December 31, 2024.

F. Revocation or Suspension: Any license issued under this section may be revoked or suspended as provided in Sections 3-2-10 and 4-12-5.

G. Moveable Place of Business: No license shall be issued to a movable place of business. Only fixed location businesses shall be eligible to be licensed under this section.

H. Display: All licenses shall be posted and displayed in plain view of the general public on the licensed premises.

I. Renewals: At least sixty (60) days before a license expires, an application for renewal shall be filed with the City Clerk. No licensee has a right to have a license renewed.

J. Changes in Ownership: A license is non-transferable. If there is a change in the ownership of the retail establishment, a new license is required and the applicant shall be required to submit to a background investigation as a new applicant.

K. License Valid for Only One Location: A license shall only be valid for the premises for which it is issued, and any change in location of the premises shall require reapplication by the applicant for a license for the new premises.

4-12-4: LICENSE REQUIREMENTS:

All licenses shall be issued subject to the following requirements:

A. No license shall be issued to any applicant for the sale of licensed products at any place other than the applicant's established place of business.

B. No license shall be issued for the sale of licensed products at a moveable place of business.

C. No license shall be issued for the sale of licensed products at more than one place of business.

D. No person shall sell or dispense any licensed products through the use of a vending machine.

E. No licensed products shall be offered for sale by means of self-service merchandising.

F. No license shall be issued to an applicant under twenty-one years of age.

G. No person under the age of twenty-one shall sell or offer for sale any licensed products in a tobacco products shop.

H. All licensed premises shall post in a prominent place the legal sales age and age verification requirements.

I. Every licensee shall be responsible for the conduct of its employees and agents while on the licensed premises and any sale or other disposition of licensed products by an employee or other individual to a person under 21 years of age shall be considered an act of the licensee for purposes of imposing an administrative fine, license suspension or revocation.

J. No new license shall be issued to a tobacco products shop located within five-hundred (500) feet of a school, as measured from the nearest property line of the property on which the school is located to the building where the tobacco products shop is located. This prohibition shall not apply to tobacco products shops that held a tobacco license issued by Dakota County as of August 31, 2023.

K. Licensees shall comply with all applicable regulations of the State of Minnesota relating to the sale or dispensing of licensed products. If there is a conflict between the regulations of the State and the regulations of the City, the more restrictive regulations shall control.

L. Any employee of a licensed retail establishment or other person who sells licensed products at the licensed establishment shall complete an educational or training program regarding the sale of licensed products to underage purchasers before they may be allowed to sell licensed products at the licensed establishment. The educational or training program must include information regarding the following:

1. Information regarding the laws pertaining to the sale of licensed products.
2. The rules for identification checks.

3. Responsibilities of establishments selling licensed products.

4. Verification of age, forms of identification, and forms of false or misleading age identification.

Licensees shall keep on file proof that all persons selling licensed products at the retail establishment have completed the educational or training program required by this section. Such proof shall be kept for at least three (3) years. Proof of a person's completion of the required educational or training program shall be presented to a police officer upon request no later than three (3) days after the request, excluding holidays and weekends. License holders shall submit all information required by the City regarding the completion of this education or training requirement along with the applicant's initial or renewal license application.

4-12-5: BASIS FOR DENIAL, SUSPENSION, OR REVOCATION OF LICENSE:

A. The following shall be grounds for denying the issuance or renewal of a license or suspending or revoking any license issued under this chapter:

1. The proposed use does not comply with the zoning ordinance.

2. The proposed use does not comply with a health, building, maintenance, or other provision of the city code or state law.

3. The applicant has failed to pay all of the appropriate fees related to the license application.

4. The applicant has failed to provide all information required on the application or requested by City or has made fraudulent statements, misrepresentations, or false statements in the application or investigation for or in the course of the applicant's business.

5. The applicant has been convicted of a crime or offense in the previous 5 years involving or related to the business that is licensed or the type of licensed activity and failed to show competent evidence of sufficient rehabilitation and present fitness to perform the duties of the business.

6. The licensed activity is conducted in such a manner as to constitute a breach of the peace, a menace to the health, safety, and welfare of the public, or a disturbance of the peace or comfort to the residents of the city, upon recommendation of the Police Chief or appropriate city official.

7. Expiration or cancellation of any required insurance or failure to notify the City within a reasonable time of changes in terms of the insurance or the carriers.

8. The licensee has acted in an unauthorized manner or beyond the scope of the

license granted.

9. The applicant has had a license to sell licensed products issued by the City, state, or another government unit revoked, denied, or suspended within the preceding twelve (12) months of the date of application.

10. Failure to allow inspections of the licensed premises, for the purpose of ensuring compliance with any state, federal, or local law, at any time it is occupied or open for business.

11. Failure to continuously comply with all conditions required as precedent to the approval of the license, all requirements of this chapter, and all state or federal regulations related to the sales of licensed products.

12. Real estate taxes, personal property taxes, or special assessments on the business premises or the real property where the business is located have become delinquent or are unpaid and the property owner and the applicant are the same person or entity, or have any common ownership between the property owner and the applicant where they are a different person or entity.

13. Violation of any regulation or provision of the City code, City zoning ordinance, or state or federal law or regulation related to the licensed activity.

14. The applicant or licensee has been found guilty of professional misconduct, either criminally or civilly.

15. Based on the findings of a background investigation, granting a license would be a menace to the safety, health, morals and welfare of the public.

16. The applicant or licensee is not of good moral character.

17. The activity has been conducted without a license.

18. The applicant is under 21 years of age.

19. Any of the grounds found in Section 3-2-10.

20. Other good cause shown.

B. Except as may otherwise be provided by law, the existence of any particular ground for denial does not mean that the City must deny the license. If a license is mistakenly issued or renewed it shall be revoked upon the discovery that the person was ineligible for the license under this Chapter.

4-12-6: PROHIBITED SALES:

It shall be unlawful for any person licensed under this chapter to sell, offer for sale, give away, furnish, or otherwise deliver licensed products as follows:

A. To Any Person Under 21 Years of Age. Licensees must verify by means of government-issued photographic identification that the purchaser is at least 21 years of age. It shall be an affirmative defense to the violation of this section for a person to have relied in good faith on proof of age by verification of age as described in Minn. Stat. Sec. 340A.506, subd. 6.

B. By means of any type of vending machine, except as may otherwise be provided in this Chapter.

C. By means of self-service merchandising, as defined in Minn. Stat. Sec. 118.02, whereby the customer is not required to make a verbal or written request to an employee of the licensed premises in order to receive the licensed product and whereby there is not a physical exchange of the licensed product between the licensee, or the licensee's employee, and the customer.

D. By means of loosies, as defined in § 4-12-02.

E. Containing opium, morphine, jimson weed, bella donna, strychnos, cocaine, marijuana, or other type of deleterious, hallucinogenic, or toxic or controlled substance except nicotine and not naturally found in tobacco or tobacco products.

F. From a moveable place of business, including but not limited to, any motorized vehicle, a kiosk, a trailer, a transportable shelter, or table, or any other movable structure.

G. No person shall sell or offer for sale any liquid, whether or not such liquid contains nicotine, which is intended for human consumption and use in an electronic delivery device, in packaging that is not child-resistant. Upon request, a licensee must provide a copy of the certificate of compliance or full laboratory testing report for the packaging used.

H. No person shall sell or offer to sell licensed products by means of a vending machine unless the vending machine was used and in operation at a retail establishment licensed prior to January 1, 1997.

I. By any other means, or to any other person prohibited by federal, state or other local law, ordinance, provision or other regulation.

4-12-7: DISPLAY, STORAGE, AND SAMPLING:

A. All licensed products shall be stored behind a counter or other area not freely accessible to customers or in a case or other storage unit not left open and accessible to the general public. It shall be unlawful for a licensee to allow the sale of licensed products by any means whereby the customer may have access to those items without having to request the item from the licensee or the licensee's employee and whereby it is not a

physical exchange of the licensed product between the licensee or their employee and the customer.

B. The owner or operator of a retail establishment shall not allow the sampling of tobacco, tobacco related devices or electronic delivery devices within the indoor area of a retail establishment except for the sampling of premium cigars and pipe tobacco and electronic delivery devices only as permitted in subpart (C) below.

C. Sampling of premium cigars and pipe tobacco may occur in a tobacco products shop subject to the following conditions:

1. The tobacco products shop must sell premium cigars.
2. In addition to premium cigars, the tobacco products shop may sell cigar accessories, pipe tobacco, or pipe tobacco accessories, but may not sell any other tobacco-related accessories.
3. The tobacco products shop may not sell cigarettes or any other form of tobacco or tobacco products other than premium cigars and pipe tobacco.
4. The tobacco products shop may not allow the sampling of cigarettes or any other tobacco or tobacco products other than premium cigars and pipe tobacco.
5. The tobacco products shop may not sell premium cigars or pipe tobacco to individuals under twenty-one (21) years of age.
6. The tobacco products shop may not allow the sampling of premium cigars or pipe tobacco by individuals under twenty-one (21) years of age.
7. No alcoholic beverages may be sold or served on the premises of the tobacco products shop. No person shall consume alcoholic beverages on the premises of the tobacco products shop.
8. Only premium cigars and pipe tobacco purchased at the tobacco products shop may be sampled on site and sampling must occur contemporaneously with the purchase for sampling of the premium cigar or pipe tobacco.

D. Retail establishments located within the city which permit the sampling of electronic delivery devices as of July 1, 2019 may continue to allow the sampling of electronic delivery devices. The following retail establishments located within the city permit sampling as of July 1, 2019:

Vappour Shoppe, 5854 Blaine Avenue;
Inver Grove Tobacco, 6570 Cahill Avenue; and
Cahill Tobacco, 7806 Cahill Avenue;

If a retail establishment listed above moves locations within the city, the retail establishment may continue to allow the sampling of electronic delivery devices at its new

location; the retail establishment may not add another location in the city where sampling of electronic delivery devices is permitted.

Provided, however, if any of the above identified retail establishments sell or transfer ownership thereof or have a change in ownership where a majority of the stock membership units or interests in the entity are different than exist as of July 1, 2019, then the right to permit sampling of electronic delivery devices shall cease with respect to that retail establishment.

4-12-8: RESPONSIBILITY:

All licensees under this chapter shall be responsible for the actions of their employees and others in regard to the sale of licensed products on the licensed premises and the sale of such an item by an employee or other person on the licensed premises shall be considered a sale by the license holder. Nothing in this chapter shall be construed as prohibiting the city from also subjecting the employee to whatever penalties are appropriate under this chapter, state law or other applicable law or regulation for employees failing to comply with the provisions of this chapter or state statute.

4-12-9: COMPLIANCE CHECKS AND INSPECTIONS:

All retail establishments shall be open to inspection by the Police Department or other delegated law enforcement officers or agencies during regular business hours. From time to time, but at least once per year, a law enforcement officer shall conduct compliance checks to ensure compliance with the provisions of this chapter. Compliance checks shall utilize, with the written consent of their parents or guardians, persons over the age of 17 years, as well as other individuals under 21 years of age to enter the retail establishments to attempt to purchase licensed products. Persons under 18 years of age shall be utilized only with the written consent of their parents or guardians. Persons used for the purpose of compliance checks shall be supervised by designated law enforcement officers. Persons used for compliance checks shall not be guilty of the unlawful purchase or attempted purchase, or the unlawful possession of licensed products when such items are obtained as part of a compliance check. No person used in compliance checks shall attempt to use a false identification misrepresenting the person's age, and all persons lawfully engaged in a compliance check shall truthfully answer all questions about the person's age asked by the licensee or employee thereof and shall produce any identification, if any exists, for which he or she is asked. Nothing in this chapter shall prohibit other compliance checks authorized by state or federal laws for educational, research, or training purposes, or required for the enforcement of a particular state or federal law.

4-12-10: ADMINISTRATIVE PENALTIES FOR VIOLATIONS:

A. License Violations: Any violation of the terms of a license or the provisions of this Chapter shall be cause for an administrative financial penalty and/or suspension or

revocation of the license. The following minimum penalties are deemed appropriate for a licensee's failure to comply with an applicable statute, rule, ordinance, or term of the license. However, the level and order of the penalties shall be at the sole discretion of the City Council, based on the nature of the infraction and the City Council may suspend or revoke a license for any violation of this Chapter or any applicable law. When appropriate, the City Council may impose penalties exceeding those stated below or impose other conditions deemed appropriate. The following minimum penalties are established for violations of the terms of a license or the provisions of this chapter:

1. The first violation shall result in an administrative penalty of \$300 to the license holder payable to the City. Failure to pay the administrative penalty within 30 days from the date of the invoice shall result in the licensee's license being suspended until payment is received.

2. A second violation within thirty-six (36) months of a previous violation shall result in a minimum administrative penalty of \$600 to the license holder payable to the City and a license suspension of at least one (1) day. Failure to pay the administrative penalty within 30 days from the date of the invoice shall result in the licensee's license being suspended until payment is received.

3. A third violation within thirty-six (36) months of a previous violation or for sales during a license suspension, shall result in a minimum administrative penalty of \$1,000 to the license holder payable to the City and a license suspension of at least seven (7) days.

B. Notice Required. No suspension, revocation, or other penalty may take effect until the licensee has received notice, served personally or by mail, of the alleged violation and an opportunity for a hearing before a person authorized by the licensing authority to conduct the hearing. A decision that a violation has occurred must be in writing.

C. License Revocation and License Ineligibility. Licensees whose licenses have been revoked shall not be eligible for another license for one (1) year from the date of revocation. The City Council may attach reasonable conditions to the reinstatement of a suspended or revoked license.

D. Noncriminal Penalties for Sales to Persons Under 21 Years of Age. An individual who sells, gives, or otherwise furnishes licensed products to a person under the age of 21 years may be charged an administrative penalty of \$50. No penalty may be imposed until the individual has received notice, served personally or by mail, of the alleged violation and an opportunity for a hearing before a person authorized by the City to conduct the hearing. A decision that a violation has occurred must be in writing.

4-12-11: HEARINGS:

A. Revocation, suspension, or denial of a license shall be preceded by a hearing before the City Council. Notice of the hearing shall be provided to the license holder or

applicant via certified mail or personal service at least 10 days prior to the hearing. The notice shall include the time and place of the hearing and shall state the nature of the charge against the licensee. A hearing for consideration of the issuance, suspension, or revocation of a license will be conducted before the City Council. At the hearing, the applicant or licensee has the right to be represented by counsel, the right to respond to the charges or information provided to the Council, and the right to present evidence through witnesses under oath. It is not necessary that criminal charges be brought in order to support a determination of a license violation, nor does the dismissal or acquittal of such a criminal charge operate as a bar to adverse license actions under this section.

B. Following the hearing, the Council may deny, revoke, suspend, or not renew the license for the retail establishment or may grant or continue the license upon such terms and conditions as it deems reasonable and necessary to accomplish the purposes of this chapter. The decision by the City Council following a hearing is final.

C. Enforcement actions provided in this section are not exclusive and the Council may take any action with respect to a license, employee, or retail establishment as is authorized by City code, state, or federal law.

4-12-12: EXCEPTIONS:

The exceptions found in Minn. Stat. Sec. 609.685, subd. 5 shall apply to any sales or provision of licensed products in violation of this chapter.

Section Two. Effective Date. This Ordinance shall be in full force and effect as of September 1, 2023.

Passed in regular session of the City Council on the _____ day of _____, 2023.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA
RESOLUTION NO. _____**

**A RESOLUTION APPROVING THE PUBLICATION OF A SUMMARY OF ORDINANCE
NO. 1457, AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE, TITLE
4, CHAPTER 12, RELATED TO THE SALE OF TOBACCO AND NICOTINE PRODUCTS**

WHEREAS, on August 14, 2023, the City Council of the City of Inver Grove Heights, Dakota County, Minnesota ("City") adopted Ordinance No. 1457, an Ordinance Amending Inver Grove Heights City Code Title 4, Chapter 12, Related to the Sale of Tobacco and Nicotine Products; and

WHEREAS, pursuant to Minn. Stat. Sec. 412.191, subd. 4, the Council may, by a 4/5 vote, direct that only the title and a summary of the Ordinance be published; and

WHEREAS, the City Council for the City of Inver Grove Heights has reviewed the summary of Ordinance No. 1457 which is attached hereto as **Exhibit A**; and

WHEREAS, the City Council for the City of Inver Grove Heights has determined that publication of the title and a summary of Ordinance No. 1457 would clearly inform the public of the intent of the ordinance; and

WHEREAS, due to the length of Ordinance No. 1457 the City Council desires to publish a summary of the Ordinance.

NOW THEREFORE BE IT RESOLVED, by a vote of at least four-fifths of its members, that the City Council of the City of Inver Grove Heights hereby:

1. Approves the text of the summary of Ordinance No. 1457 attached as **Exhibit A** and authorizes the publication of the summary shown in **Exhibit A** in lieu of publication of the entirety of Ordinance No. 1457 in the City's official newspaper.
2. Directs the City Clerk to ensure that a full and complete printed copy of Ordinance No. 1457 is available for inspection during regular business hours at the office of the Inver Grove Heights City Clerk, by standard mail, or by electronic mail.
3. Directs the City Clerk to file the executed Ordinance No. 1457 upon the books and records of the City along with proof of publication.

This resolution is passed and adopted by the City Council of the City of Inver Grove Heights, Dakota County, Minnesota this 14th day of August, 2023.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

Attested:

By: _____
Rebecca Kiernan
Its: City Clerk

(Published in the *Pioneer Press* on _____, 2023.)

EXHIBIT A

SUMMARY PUBLICATION ORDINANCE NO. 1457

A RESOLUTION APPROVING THE PUBLICATION OF A SUMMARY OF ORDINANCE NO. 1457, AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE, TITLE 4, CHAPTER 12, RELATED TO THE SALE OF TOBACCO AND NICOTINE PRODUCTS

On August 14, 2023, the City Council of the City of Inver Grove Heights, Dakota County, Minnesota ("City") adopted Ordinance No. 1457, ("Ordinance") an Ordinance Amending Inver Grove Heights City Code Title 4, Chapter 12, Related to the Sale of Tobacco and Nicotine Products.

The Ordinance repeals and replaces the existing Chapter 12 and establishes a requirement for all retail establishments that sell licensed products, defined as any tobacco, nicotine, tobacco-related device, electronic delivery device, or nicotine or lobelia delivery device, to obtain a license from the City of Inver Grove Heights by September 1, 2023. Retail establishments currently licensed by Dakota County are not required to obtain a license from the City until January 1, 2024. The Ordinance includes various definitions for tobacco and nicotine-related products; establishes a City-issued license requirement for the sale of licensed products; establishes criteria for the issuance, denial, suspension, or revocation of such licenses; creates requirements related to the sales, display, storage and sampling of licensed products; and establishes penalties for violations of the terms of a license or requirements of any applicable state or federal law or regulation.

It is hereby determined that publication of this title and summary will clearly inform the public of the intent and effect of Ordinance No. 1457 and it is directed that only the above title and summary of Ordinance No. 1457 conforming to Minn. Stat. Sec. 331A.01 be published, with the following:

NOTICE

A printed copy of the full text of Ordinance No. 1457 is available for public inspection by any person during regular office hours at the office of the Inver Grove Heights City Clerk, 8150 Barbara Avenue, Inver Grove Heights, MN 55077, by standard mail, or by electronic mail, and at any other public location which the Council designates.

CITY OF INVER GROVE HEIGHTS
LICENSE VIOLATION PENALTIES AND FEES (EFFECTIVE JANUARY 1, 2023)

	1 st Violation within 5 years	2 nd Violation within 3 years	2 nd Violation within 5 years	3 rd Violation within 3 years	3 rd Violation within 5 years	4 th Violation within 5 years
Liquor License	\$750.00 civil penalty		• \$1,000.00 civil penalty • One (1) day license suspension Police Chief will recommend three (3) potential calendar dates for suspension to the council who will select the suspension date.	•	• \$2,000.00 civil penalty • Three (3) day license suspension and/or license revocation Police Chief will recommend five (5) potential calendar dates for suspension to the council who will select three (3) days for the suspension.	• \$2,000.00 civil penalty • Suspension of more than three (3) days and/or license revocation If it is determined that the license will be suspended and not revoked, the Police Chief or his/her designee will recommend calendar dates for the suspension to the council to select the specific dates for the suspension.
Tobacco License	• \$300 fine to the license holder payable to the city **Failure to pay fine within 30 days from date of invoice shall result in the licensee's license being <i>suspended</i> until payment is received.	• Minimum \$600 fine payable to the city • Minimum one (1) day license suspension **Failure to pay fine within 30 days from date of invoice shall result in the licensee's license being <i>suspended</i> until payment is received.		• Minimum \$1,000 fine payable to the city • Minimum seven (7) days suspension		



Request for Council Action

SUBJECT: **Second Reading of Ordinance Prohibiting Cannabis and Tobacco Smoking and Vaping In Public Places**

MEETING DATE: August 14, 2023
ITEM TYPE: Regular Business
CONTACT: Bridget Nason, City Attorney

ACTION REQUESTED

The Council is asked to consider the second reading of the attached Ordinance, prohibiting cannabis and tobacco smoking and vaping in public places.

BACKGROUND

Adult use of cannabis became legal in Minnesota on August 1. Use of certain cannabis products in public spaces is not explicitly prohibited by the legislation which legalized adult use of cannabis, but cities are authorized to adopt ordinances prohibiting the use of certain cannabis products in public places. The discussion around the use of cannabis in public places includes issues of public health, such as concerns about non-users being exposed to a substance used to get high via second-hand smoke. There are also public safety concerns and the potential desire to discourage use in public places as one means of reducing the number of people who get behind the wheel of a vehicle after using cannabis.

The attached ordinance has been revised since its first reading to address the use of both cannabis *and tobacco* products in public places, and to narrow the prohibition to just the smoking or vaping of either substance.

As currently drafted, the ordinance still includes a broad definition of public places, including all property owned by a governmental unit, city buildings, parking lots, parks, sidewalks and trails. The Council has the option to proceed with that definition or, if it prefers, to narrow the scope of public places where cannabis use is prohibited to a smaller scope, such as only on City property.

The Council is asked to consider the second reading of the attached ordinance, and provide any further direction to staff regarding additional revisions to the ordinance before its third reading.

If the Council so chooses, it can waive the third reading of the ordinance (a unanimous vote of the Council is required to waive the three reading requirement); if the third reading is waived and the ordinance approved, the Council is then asked to consider approval of the attached summary publication resolution (a 4/5ths vote is required to approve the summary publication resolution).

FISCAL IMPACT

n/a

RECOMMENDATION

ATTACHMENTS

1. Draft Ordinance - Prohibiting Cannabis and Tobacco Smoking and Vaping in Public Places
2. Resolution Approving Summary Publication

**CITY OF INVER GROVE HEIGHTS, DAKOTA COUNTY, MINNESOTA
ORDINANCE NO. _____**

**AN ORDINANCE AMENDING CITY CODE, TITLE 5, CHAPTER 5, ADDING SECTION
5-5-13 PROHIBITING CANNABIS AND TOBACCO SMOKING AND VAPING IN
PUBLIC PLACES**

**THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS HEREBY
ORDAINS AS FOLLOWS:**

Section One. Amendment. Title 5, Chapter 5, Section 13 of the Inver Grove Heights City Code is hereby amended by adding Section 5-5-13 as follows:

5-5-13 SMOKING AND VAPING OF CANNABIS AND TOBACCO PROHIBITED.

- A. Definitions: For purposes of this section, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

PUBLIC PLACE. Property owned, leased, or controlled by a governmental unit, including the City. Public places include but are not limited to the following owned, leased, or controlled by the City: 1) buildings and all the land thereon, parking lots, Inver Wood golf course, parks, pathways and trails; 2) rights-of-way consisting of both the traveled portion and the abutting boulevard, sidewalks and trails; and 3) personal property, including motor vehicles, city equipment, and the like owned, leased or controlled by the City. A Public Place does not include: (1) a private residence, including the person's curtilage or yard; (2) private property not generally accessible to the public, unless the person is explicitly prohibited from consuming cannabis flower, cannabis products, lower-potency hemp edibles, or hemp-derived consumer products on the property by the owner of the property; or (3) the premises of an establishment or event licensed to permit on-site consumption.

CANNABIS FLOWER, CANNABIS PRODUCT, and HEMP-DERIVED CONSUMER PRODUCTS shall have the meanings given in Minn. Stat. §342.01 (enacted under Minnesota Laws 2023).

TOBACCO AND ELECTRONIC DELIVERY DEVICE shall have the meanings given in Minn. Stat. § 609.685, subd. 1.

VAPE or VAPING shall have the meaning given in Minn. Stat. § 120B.238, subd. 1(e).

- B. Prohibition: No person shall smoke tobacco or any cannabis flower, cannabis product, or hemp-derived consumer product in any public place. No person shall use any electronic delivery device or otherwise engage in vaping of tobacco, any

product containing nicotine, or any cannabis flower, cannabis product, or hemp-derived consumer product in any public place.

C. Penalty: A violation of this section is a petty misdemeanor.

Section 2. Effective Date. This ordinance shall take effect upon its passage and the publication as provided by law.

Passed in regular session of the City Council of the City of Inver Grove Heights on the _____ day of _____, 2023.

CITY OF INVER GROVE HEIGHTS

By _____
Brenda Dietrich
Its: Mayor

Attest:

By: Rebecca Kiernan
Its: City Clerk

(Published in the *Pioneer Press* on _____)

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA
RESOLUTION NO. _____**

**A RESOLUTION APPROVING THE PUBLICATION OF A SUMMARY OF ORDINANCE
NO. _____, AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE,
TITLE 5, CHAPTER 5, ADDING SECTION 13 PROHIBITING CANNABIS AND
TOBACCO SMOKING AND VAPING IN PUBLIC PLACES**

WHEREAS, on August 14, 2023, the City Council of the City of Inver Grove Heights, Dakota County, Minnesota ("City") adopted Ordinance No. _____, an Ordinance Amending Inver Grove Heights City Code Title 5, Chapter 5, adding Section 13 Prohibiting Cannabis and Tobacco Smoking and Vaping in Public Places; and

WHEREAS, pursuant to Minn. Stat. Sec. 412.191, subd. 4, the Council may, by a 4/5 vote, direct that only the title and a summary be published; and

WHEREAS, the City Council for the City of Inver Grove Heights has reviewed the summary of Ordinance No. _____ which is attached hereto as **Exhibit A**; and

WHEREAS, the City Council for the City of Inver Grove Heights has determined that publication of the title and a summary of Ordinance No. _____ would clearly inform the public of the intent of the ordinance; and

WHEREAS, due to the length of Ordinance No. _____ the City Council desires to publish a summary of the Ordinance.

NOW THEREFORE BE IT RESOLVED, by a vote of at least four-fifths of its members, that the City Council of the City of Inver Grove Heights hereby:

1. Approves the text of the summary of Ordinance No. _____ attached as **Exhibit A** and authorizes the publication of the summary shown in **Exhibit A** in lieu of publication of the entirety of Ordinance No. _____ in the City's official newspaper.
2. Directs the City Clerk to ensure that a full and complete printed copy of Ordinance No. _____ is available for inspection during regular business hours at the office of the Inver Grove Heights City Clerk, by standard mail, or by electronic mail.
3. Directs the City Clerk to file the executed Ordinance No. _____ upon

the books and records of the City along with proof of publication.

This resolution is passed and adopted by the City Council of the City of Inver Grove Heights, Dakota County, Minnesota this 14th day of August, 2023.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

Attested:

By: _____
Rebecca Kiernan
Its: City Clerk

(Published in the *Pioneer Press* on _____, 2023.)

EXHIBIT A

SUMMARY PUBLICATION ORDINANCE NO. _____

A RESOLUTION APPROVING THE PUBLICATION OF A SUMMARY OF ORDINANCE NO. _____, AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE, TITLE 5, CHAPTER 5, ADDING SECTION 13 PROHIBITING CANNABIS AND TOBACCO SMOKING AND VAPING IN PUBLIC PLACES

On August 14, 2023, the City Council of the City of Inver Grove Heights, Dakota County, Minnesota ("City") adopted Ordinance No. _____, ("Ordinance") an Ordinance Amending Inver Grove Heights City Code Title 5, Chapter 5, adding Section 13 Prohibiting Cannabis and Tobacco Smoking and Vaping in Public Places.

The Ordinance prohibits the smoking of tobacco or any cannabis flower, cannabis product, or hemp-derived consumer product in any public place and prohibits the use of any electronic delivery device for the vaping of tobacco, any product containing nicotine, or any cannabis flower, cannabis product, or hemp-derived consumer product in any public place.

It is hereby determined that publication of this title and summary will clearly inform the public of the intent and effect of Ordinance No. _____ and it is directed that only the above title and summary of Ordinance No. _____ conforming to Minn. Stat. Sec. 331A.01 be published, with the following:

NOTICE

A printed copy of the full text of Ordinance No. _____ is available for public inspection by any person during regular office hours at the office of the Inver Grove Heights City Clerk, 8150 Barbara Avenue, Inver Grove Heights, MN 55077, by standard mail, or by electronic mail, and at any other public location which the Council designates.



Request for Council Action

SUBJECT: **First Reading of Snow Removal Ordinance and Winter Maintenance Policy Update**

MEETING DATE: August 14, 2023

ITEM TYPE: Regular Business

CONTACT: Brian Connolly, Public Works Director, 651.450.2571
 Bridget Nason, City Attorney

ACTION REQUESTED

The Council is asked to approve the first reading of an ordinance amending City Code Title 5 and Title 7, related to public nuisance abatement and snow removal from public sidewalks; and receive a draft update on the City's Winter Maintenance Policy.

BACKGROUND

In January of 2011, the City Council adopted a Winter Maintenance Policy, to address the snow and ice management objectives and procedures implemented following winter weather events such as snowfall or ice accumulation. The policy has not been reviewed or revisited since its original adoption, and is in need of updating based on changes in maintenance staffing levels, equipment, and the continued expansion of the City's public infrastructure including streets, sidewalks, and trails, particularly in the Northwest Area of the City.

The key changes contained the updated draft of the Winter Maintenance Policy include:

- Clarification of winter maintenance staffing requirements, including details of Street, Parks, Utility, and Central Equipment staff, and working hour expectations in line with current labor union contracts.
- Removal of a clause related to the declaration of a "snow emergency", as there is no current City Code language providing for such a declaration.
- Added clarification regarding boulevard considerations, including identifying what is and isn't allowed in boulevards, and what will and won't be addressed by the City related to snow removal or boulevard damage as a result of snow plowing activities.
- Inclusion of a map (Appendix A) that clearly addresses the sidewalks/trails located throughout the city that are to be plowed by the City. This map is intended to be updated annually by the Street Division.
- Clarification of the snow and ice removal priorities as they relate to different infrastructure facilities throughout the community (streets, parking lots, trails, etc.)

As the Winter Maintenance Policy objectives and procedures are closely linked to provisions in City Code, staff are recommending updating several key City Code provisions to provide clarity and allow consistent application of the proposed Winter Maintenance Policy throughout the City. The key component of City Code related to winter maintenance is Title 7, Chapter 1, which currently

addresses ice, rubbish, and dirt on public sidewalks, but is silent on addressing snow removal.

The City has approximately 78 miles of sidewalks and trails throughout the community (including approximately 18 miles of sidewalks and trails along Dakota County roadways). The City has historically cleared snow from 50 miles of these sidewalk and trail facilities, located mainly along street right-of-way throughout the community, although these activities have been applied inconsistently between neighborhoods. For instance, in the South Grove and Arbor Point neighborhoods, the City has regularly cleared sidewalks on both collector streets and residential streets, while in the Northwest Area, the City only clears sidewalks along collector streets, and not on residential streets. In certain commercial, retail, and high-density residential areas, adjacent properties clear snow from public sidewalks, but intermittently, there are properties where snow removal doesn't occur, and the City often needs to clear snow to provide a continuously plowed path. The proliferation of more homeowners associations and their use of property maintenance contractors has also led to questions and code enforcement challenges regarding sidewalk and trail maintenance responsibilities, particularly as it relates to snow and ice removal, which has led to confusion given that ice removal is addressed in the City Code, but not snow removal.

Staff are proposing the City Code be updated to include snow removal from public sidewalks as a property owner's responsibility, as is the current case for ice, rubbish, and dirt removal. Staff are also recommending updated language to address ambiguity related to abatement and costs to address snow, ice, rubbish, and dirt removal from public sidewalks, and allow more clear provisions for enforcement of the City Code and assessing of costs thereto.

FISCAL IMPACT

N/A

RECOMMENDATION

Staff recommends approval of the first reading of the attached ordinance and requests feedback on the draft update to the Winter Maintenance Policy.

ATTACHMENTS

1. Ordinance Amending City Code Related to Snow Removal
2. Winter Maintenance Policy Update - DRAFT

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

ORDINANCE NO. _____

**AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE, TITLE 5,
CHAPTER 9, SECTION 6 AND TITLE 7, CHAPTER 1, SECTION 2 REGARDING
PUBLIC NUISANCE ABATEMENT AND SNOW REMOVAL FROM PUBLIC
SIDEWALKS**

THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS ORDAINS AS
FOLLOWS:

Section One. Amendment. Inver Grove Heights City Code Title 5, Chapter 9, Section 6(A), is hereby amended to include the following language, which is shown below and underlined:

8. Immediate Abatement: Nothing in this section shall prevent the city, without notice or other process, from immediately abating any condition that poses an immediate and serious hazard to human life or safety.

Section Two. Amendment. Inver Grove Heights City Code Title 7, Chapter 1, Section 2, is hereby amended to read as follows. The ~~struck-out~~ text shows the deleted wording and the underlined text shows the language added to the code:

7-1-2: SNOW, ICE, DIRT AND RUBBISH ON SIDEWALKS:

A. Nuisance Declared; Sidewalks To Be Safe: All snow, ice, dirt, and rubbish remaining on a public sidewalk more than twenty four (24) hours after its deposit thereon is hereby determined to be a public nuisance. The owner and the occupant of any property adjacent to a public sidewalk shall use due diligence to keep such walk safe for pedestrians. No such owner or occupant shall allow snow, ice, dirt or rubbish on the walk longer than twenty four (24) hours after its has ceased to be deposited thereon.

B. Removal By City; Records Kept: If the snow, ice, dirt or rubbish is not removed as required under section 7-1-2(A), the city may serve upon the owner or occupant of the property a notice ordering removal of the snow, ice, dirt or rubbish within twenty four (24) hours. If snow, ice, dirt or rubbish remains on a public sidewalk after notice has been provided by the city, the street maintenance superintendent or other officials or employees designated by the council may remove from all public sidewalks all snow, ice, dirt, and rubbish as soon as possible beginning twenty-four (24)-forty eight (48) hours after any such matter has been deposited thereon or after the snow has ceased to fall and notice to the property owner or occupant has been served by the city. Such employees or officials shall keep a record showing the cost of such removal adjacent to each separate lot and parcel and shall deliver such information to the clerk.

C. Emergency Abatement. Upon inspection of the property on which it is alleged that a public nuisance exists related to snow, ice, dirt or rubbish, if the designated city official or employees

determine that a public nuisance exists and that the public health, safety or welfare may be in immediate danger, then emergency abatement procedures will be implemented and the city may cause the nuisance to be removed or abated. When emergency abatement of snow, ice, dirt or rubbish is authorized, notice to the owner or occupant of the property is not required. Following emergency abatement, the city will post a notice on the property describing the action taken to abate the nuisance and provide an invoice for the cost of the abatement.

D. Assessment of Costs; Delinquency: All costs of snow, ice, dirt or rubbish removal shall be billed to the owner or occupant of the property, which shall be immediately due and payable to the city. Unpaid bills more than thirty (30) days past due shall be considered in default. The city council may levy an assessment equal to such unpaid cost against each lot or parcel of land from which the snow, ice, dirt or rubbish has been removed pursuant to the provisions of Minnesota Statutes, section 429.101.

Section Three. Effective Date. This Ordinance shall be in full force and effect upon its passage and publication as provided by law.

Passed in regular session of the City Council of the City of Inver Grove Heights on the ____ day of _____, 2023.

CITY OF INVER GROVE HEIGHTS

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



Winter Maintenance Policy

Updated Draft - 08/14/2023

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1.0 - Introduction/Purpose

The purpose of this Policy is to define and outline snow and ice management objectives and procedures as established by the City of Inver Grove Heights.

The City of Inver Grove Heights assumes basic responsibility for management of snow and ice on City streets. Reasonable ice and snow management is necessary for routine travel and emergency services. The City will attempt to provide such management in a safe and cost-effective manner, keeping in mind safety, budget, personnel, community and environmental concerns. The City will use City employees, City owned or rented equipment and/or private contractors to provide this service.

In the event of equipment failure, extreme snowfall, accidents, limited staffing or other unanticipated events, deviation from any standards may be expected.

This Policy supersedes all previously written or unwritten policies of the City regarding snow and ice removal. The Public Works Department will review this policy periodically and will amend it as appropriate.

2.0 - Commencing Snow Plowing, Anti-Icing and Deicing Operations

The Street Maintenance Superintendent or designee shall decide when to begin snow or ice management operations. Snow and ice management operations are expensive and involve the use of limited personnel and equipment. Consequently, snowplowing operations will not generally be conducted for snowfalls of less than 2 inches. However, the City may perform ice management operations at any time conditions are warranted. Lesser amounts may require plowing and/or the application of deicing chemicals and/or a sand/salt mixture depending upon weather conditions and snow accumulation.

Snow plowing and ice management on county roads is the responsibility of the Dakota County Highway Department. State Highways are the responsibility of the Minnesota Department of Transportation (MnDOT)

3.0 - Staffing Requirements

It is in the best interest of the community to respond to winter weather events and perform snow and/or ice management operations utilizing Park Maintenance, Utilities Maintenance, Central Equipment, and Street Maintenance staff.

Winter operations start times fluctuate based on the winter maintenance event. Employees can expect typical early start times to vary between Midnight and 4:00 a.m. with some events requiring start times throughout the day or evening. Due to the timing of winter weather events, and a variety of road conditions throughout the season, staff may be asked to extend the workday, to provide safer roads for citizens during their afternoon commute, and then report for an early start the next morning to clear the roads for the morning commute. Equipment operators will be expected to work regular eight-hour shifts. In severe snow events, operators may work more than an eight-hour shift. However, due to budget and safety concerns, no operator shall work more than a twelve-hour shift with eight hours off before returning to work, unless approved by the Director of Public Works.

Each winter season begins with a plan that assigns individual staff members to specific duties for a snow and/or ice management event. The Street Maintenance Superintendent, or their designee, shall decide when to begin winter maintenance operations. It is important that all available maintenance personnel are utilized to minimize response times and provide the best service we can to the community.

Throughout the winter, deployment of all necessary equipment for snow and/or ice management is a critical top priority for the City, regardless of maintenance department. All maintenance staff, regardless of the department and division they are regularly assigned to, are expected to answer the call to provide assistance in addressing winter maintenance needs throughout the community.

4.0 - Snow Plowing

Snow will be plowed in a manner so as to attempt to minimize any traffic obstructions. Generally, the center of the roadway will be plowed first. The snow shall then be pushed from left to right. The discharge shall go onto the boulevard area of the street. The City does not remove snow from private driveways (See **Section 8.1**).

Generally, operations shall continue until all roads are passable. Widening and cleanup operations may continue immediately or on the following working day depending upon conditions and circumstances. Operations may be conducted on a 24-hour basis, which may result in equipment being operated in residential areas during the day, evening, and early morning hours. In times of extreme snowfall, the process of clearing the streets of snow may be delayed, and it may not be reasonably possible to completely clear the streets of snow.

Cul-de-sacs will be plowed to the center whenever possible with the intention of bulk storage in this area. Some cul-de-sacs are too small and require snow storage outside of the cul-de-sac on the boulevard, as determined by the Street Maintenance Superintendent.

5.0 - Snow Removal

The Street Maintenance Superintendent, or their designee, will determine when snow will be removed by truck from an area. Such snow removal will occur in areas where there is no room on the boulevard for snow storage and in areas where snow accumulation becomes a problem. Snow removal operations will not typically commence until other snowplowing operations have been completed. Snow removal may also be delayed depending on weather conditions, personnel, and budget availability.

6.0 - Parking Restrictions & Towing

Inver Grove Heights City Code, Title 6, Chapter 3, [Section 6-3-6](#), Limited Parking During Winter Months, states that, "It shall be unlawful to park a vehicle on any street between the hours of three o'clock (3:00) a.m. and six o'clock (6:00) a.m., from November 1 through April 1." Vehicles parked illegally may be ticketed and/or towed, in accordance with City Code, Title 6, Chapter 3, [Section 6-3-11](#). The Street Maintenance Superintendent may request the City Police Department review, ticket, and/or tow vehicles that are not in compliance with the City Code. The Police Department has the ultimate responsibility and discretion in issuing parking citations and/or towing vehicles.

7.0 - Budgetary and Other Resources Limitations

The severity and frequency of winter weather events can be difficult to predict and cannot be controlled, which can pose challenges in terms of scheduling, allocating personnel resources and having sufficient funds to manage all possibilities encountered during winter maintenance activities.

The City recognizes that the activities authorized under this policy will be ongoing from year to year and will be subject to the annual budget appropriations generally determined by the Council and subject to priorities as established by the City's Director of Public Works.

8.0 - Boulevard Considerations

Snow from public streets will be plowed onto boulevards. Snowplowing operations can cause property damage even under the best of circumstances and care on the part of the operators. In order to keep added expenses to a minimum and maximize safety, the City requires a clear zone behind the curb for snow storage. Any object that could hamper snow removal or be damaged by snow removal operations should be removed from this area. This excludes mailboxes that comply with U.S. Postal Service Specifications.

8.1 - Driveways

The City will not remove snow from driveways regardless of whether it has been cleared of snow before the City equipment arrives. The City does not plow private streets, parking lots, property accesses or driveways. Individual property owners are responsible for removal of any snow deposited from the street onto their driveway or sidewalk, except in sidewalk areas noted in **Appendix A**. Snow removed from sidewalks and driveway aprons may be deposited in boulevard areas adjacent to the property. The practice of depositing snow from driveways and walkways in the street is strictly prohibited in accordance with [Minnesota State Statute 169.42](#).

8.2 - Turf & Property Damage

The City may repair turf damage on boulevards as budgets allow, only if it was the direct result of snow removal operations in the street, by top dressing and seeding the following spring. The City will bear the costs of these repairs, but it will be the adjacent property owner's responsibility to ensure proper watering and establishment of the seed once it is placed. The City does not repair or replace turf or boulevard plantings damaged due to:

- The application of salt or deicing chemicals.
- Snow removal on sidewalks will not be repaired by the City.

Other damage within the public right-of-way is the responsibility of the property owner including, but not limited to, trees, shrubs, bushes, landscaping, fences, irrigation systems, invisible fencing, basketball goals, driveway aprons, etc.

8.3 - Mailboxes

Mailboxes that comply with US Postal Service specifications that are damaged as a result of **direct contact** by City snow removal equipment will be inspected and temporarily repaired within 48 hours of receiving notification of such damage. If the mailbox and post cannot be temporarily repaired, a portable mailbox will be set in place so mail service may be continued. The City will replace the damaged mailbox structure the following spring with a standard No. 1 black, white, or silver mailbox mounted on a 4-inch by 4-inch treated wood post. Residents may request reimbursement of expenses up to \$75, if they so choose, to replace the mailbox structure themselves, relieving the City of any further obligation. The City will not be responsible for damage to mailboxes or support posts caused by snow or ice moved by a plowing operation coming in contact with the mailbox.

It is the mailbox owner's responsibility to remove any snow deposited in front of a mailbox by plowing operations to allow mail delivery.

8.4 - Fire Hydrants

The City does not remove snow around fire hydrants. Some hydrants on arterial and collector streets may be cleared by City crews as part of separate boulevard snow removal efforts, where storage space for snow is limited. Residents and business are

encouraged to clear snow from hydrants that are located adjacent to their property to aid in the provision of emergency services.

9.0 - Snow and Ice Removal from Sidewalks

The City has approximately 78 miles of bituminous trails and concrete sidewalks, which are collectively referred to as “sidewalks” in this policy. This includes approximately 18 miles of sidewalks along Dakota County roadways that the City has responsibility to maintain during the winter per a separate maintenance agreement with Dakota County (1995, *County Agreement K/K94-221*). The sidewalk system is maintained to provide a safe location for pedestrians to travel to and from schools, businesses, and residences. Due to the demand for the use of sidewalks and the varying condition of the property adjacent to which they exist, it is in the public interest that the City provides plowing of certain priority sidewalks throughout the community.

Periodically, the Public Works Department prepares a map clearly identifying the location of all the sidewalks within the City and identifies what sidewalks will be prioritized for snow and ice removal by the City. The current version of this map will be published on the City’s website and included in **Appendix A** of this policy. The City assigns priority based on proximity of sidewalks to schools, public transit bus routes, and retail access. Generally, sidewalks along County Roads, City collector streets (mainly State Aid streets), and in locations where adjacent property is either owned by the City or where there is limited or no private property access to the sidewalks, will be considered for snow removal priority. All winter maintenance of sidewalks is prioritized lower than streets and parking lots, and will be performed as resources allow, in accordance with the priorities noted in **Section 10.0**. Certain trail segments, particularly within parks and other City property, may be left unplowed for winter recreation (cross country skiing, snowshoeing, etc.).

The City Code requires removal of snow and ice from sidewalks located in public right of way. Unless noted as a City responsibility on the map in **Appendix A**, it shall be the responsibility of the abutting property owner to keep sidewalks clear of snow and ice within 24 hours of the end of a snow or ice event, in accordance with City Code , Title 7, Chapter 1, [Section 7-1-2](#). If a property owner is found to be in violation of this Code requirement, and if notice has been sent to the owner/occupant and ice has not been removed in the time allowed, the City may choose to remove the snow and/or ice and charge the cost of removal to the property owner. The property owner will receive an invoice showing the appropriate charges. Failing to pay the invoice will result in a one-year special assessment against the benefitting property.

10.0 - Snow and Ice Control Priorities

The City classifies streets based on the street function, traffic volume, and importance to the welfare of the community. Plowing and chemical ice treatment efforts are prioritized as follows:

- 1) **First Priority** – Arterial and collector streets, Police and Fire Department parking lots.
- 2) **Second Priority** – Residential streets.

- 3) **Third Priority** - Cul-de-sacs and City facility parking lots.
- 4) **Fourth Priority** - Alleys
- 5) **Fifth Priority** - Sidewalks on City-responsible plow map (***Appendix A***).
- 6) **Sixth Priority** - Removal of excess snow from boulevards and cul-de-sacs as necessary to address public safety and snow storage needs for future weather events.

The above priorities may be modified by the Public Works Director to fit existing circumstances.

Depending on the type, duration, and accumulation of snow/ice duration of a winter maintenance event, the length of time needed to address each priority area may vary. It is the goal of the City to complete first, second, and third priority plowing and treatment efforts within the first 24 hours of an event. Due to the nature of the equipment utilized and the scheduling of staff, fourth, fifth, and sixth priority items may take two to five days to complete following the end of a winter maintenance event.

Appendix A - Sidewalk Plow Map

DRAFT



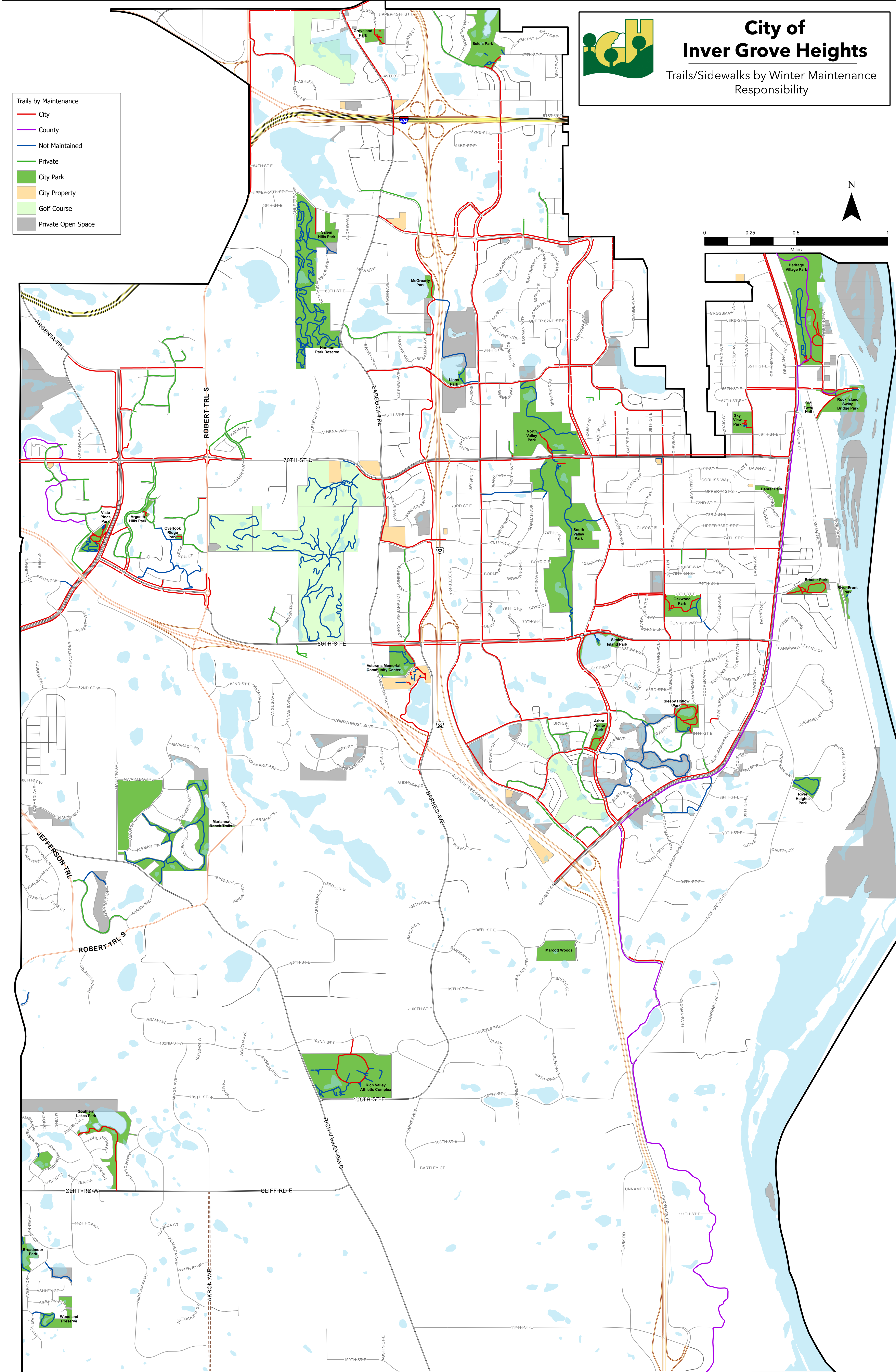
City of Inver Grove Heights

Trails/Sidewalks by Winter Maintenance Responsibility

- Trails by Maintenance
- City
 - County
 - Not Maintained
 - Private
 - City Park
 - City Property
 - Golf Course
 - Private Open Space



0 0.25 0.5 1
Miles



Appendix B - City Council Resolution

DRAFT



Request for Council Action

SUBJECT: **Closed Session Pursuant to Minn. Stat. Sec. 13D.05, subd. (3)(c)(3)**

MEETING DATE: August 14, 2023
ITEM TYPE: Regular Business
CONTACT: Bridget Nason, City Attorney

ACTION REQUESTED

The Council is asked to move to a closed session to develop or consider offers or counteroffers for the purchase of real property.

BACKGROUND

The Council is asked to make a motion to close the meeting pursuant to Minnesota Statutes, Section 13D.05, subdivision 3(c) (3) in order to develop or consider offers or counteroffers for the purchase of the real property located at 6840 Dixie Avenue, 6863 Dickman Trail, 6971 Dickman Trail, and property located on Dickman Trail and legally described as Lots 14-17, OM Johnson Addition.

FISCAL IMPACT

n/a

RECOMMENDATION

Staff recommends a motion to close the meeting as described above.

ATTACHMENTS

None