



**Meeting Location: Municipal Center
7100 147th Street West
Apple Valley, Minnesota 55124**

May 22, 2025

City Council Regular Meeting Tentative Agenda

7:00 PM

1. Call To Order And Pledge
2. Approve Agenda
3. Audience - 10 Minutes Total Time Limit - For Items Not On This Agenda
4. Consent Agenda

Consent Agenda Items are considered routine and will be enacted with a single motion, without discussion, unless a councilmember or citizen requests to have any item separately considered. It will then be moved to the regular agenda for consideration.

 - A. Approve Minutes of the May 8, 2025, regular City Council meeting
 - B. Adopt Resolution setting public hearing at 7:00 p.m. on June 12, 2025, to consider On-Sale Wine and 3.2 Percent Malt Liquor License application from Spice Village, LLC, 7520 149th Street W.
 - C. Adopt Resolution approving State Gambling Premises Permit for Eastview Hockey Association to conduct lawful gambling at Revolve Hall/Whiskey Inferno/Minnesota Burger Company, 14889 Florence Trail
 - D. Approve 2025 Fuel Dispensing Facility Permit for Holiday Stationstores, LLC, d/b/a Holiday Stationstore #2746584, 15550 Cedar Avenue
 - E. Approve Appointment of City Representatives to the Minnesota Valley Transit Authority (MVTA) Board of Commissioners and Technical Work Group
 - F. Receive 2024 Police Department Annual Report
 - G. Surplus Property
 1. Declare miscellaneous City property and unclaimed property to be surplus

2. Approve agreement with SLA Auctions, LLC to hold an online auction

- H. Adopt Resolution Receiving Feasibility Study for PFAS Removal Project 2024-137, PFAS Treatment Facility Study
- I. Adopt Resolution approving plans and specifications for Project 2024-102, Utility Improvements (Hayes Trail/Longridge Park), and authorizing advertisement for receipt of bids on June 17, 2025, at 10:00 a.m.
- J. Adopt Resolution approving plans and specifications for Project 2025-154, Neighborhood Parks Improvements, and authorizing advertisement for receipt of bids June 12, 2025, at 2:00 p.m. (2023 Parks Bond Referendum)
- K. Approve grant agreement with the Board of Water and Soil Resources for two Watershed Based Implementation Fund Projects: FY25 EVR-P55 Zoo Blvd. Pond and FY25 Black Dog WMO Targeted Pretreatment Sumps
- L. Adopt Resolution awarding agreement for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements, to McNamara Contracting, Inc.
- M. Approve purchase of Traffic Signal Controller Cabinet for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements
- N. Approve First Amendment to Joint Powers Agreement with Dakota County for Bike and Pedestrian Plan Update
- O. Approve Change Order No. 1 to agreement with Kusske Construction Co. LLC, for Project 2025-127, 140th St (Pilot Knob to Erickson Park) SS Improvements and approve acceptance and final payment
- P. Approve acceptance and final payment on purchase order with Webber Recreational Design, Inc., for branding and play features for Project 2024-187, Family Aquatic Center Improvements (2023 Parks Bond Referendum)
- Q. Approve claims and bills
- R. Approve Personnel Report

5. Regular Agenda

A. Music in Kelley Park

- 1. Proclaim "Music in Kelley Park" on June 20 and 27; July 11, 18, and 25; August 1, 8, 15, and 22; and September 6 and 13, 2025, and declare it a community festival

B. National Poppy Day and Month

1. Proclaim May 23, 2025, as "National Poppy Day" and May 2025 as "Poppy Month"

C. Memorial Day

1. Proclaim May 26, 2025, as "Memorial Day"

D. Planned Development No. 975 (PD-975) Impervious Surface Amendment

1. Pass Ordinance amending Article 32, Planned Development No. 975 of the City Code by amending impervious surface requirements (*Recommend waiving second reading*)

E. Cannabis Microbusiness Text Amendments

1. Consider an ordinance amending Article 16, Planned Development No. 409 of the City Code to allow cannabis microbusinesses (*First reading*)
2. Consider an ordinance amending Section 155.320(C) of the City Code to allow cannabis microbusinesses in planned developments (*First reading*)

6. Staff And Council Communications

7. Calendar Of Events

A. Approve Calendar of Upcoming Events

8. Adjourn

City Offices are closed Monday, May 26, 2025, in observance of Memorial Day.

Regular meetings are broadcast, live, on Charter Communications Cable Channel 180 and on the City's website at www.applevalleymn.gov



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.A.
May 22, 2025
Consent Agenda

Description: Approve Minutes of the May 8, 2025, regular City Council meeting	
Staff Contact: Christina Scipioni, City Clerk	Department / Division: Administration/City Clerk's Office

Action Requested:
Approve Minutes of the May 8, 2025, regular City Council meeting

Summary:
The minutes from the last regular City Council meeting are attached for review and approval.

Background:
State statute requires the creation and preservation of meeting minutes which document the official actions and proceedings of public governing bodies.

Budget Impact:
N/A

Attachments:

1. Minutes

CITY OF APPLE VALLEY
Dakota County, Minnesota
May 8, 2025

Minutes of the regular meeting of the City Council of Apple Valley, Dakota County, Minnesota, held May 8, 2025, at 7:00 p.m.

PRESENT: Mayor Hooppaw; Councilmembers, Grendahl, Hiebert, and Melander.

ABSENT: Councilmember Bergman.

City staff members present were: City Administrator Lawell, City Clerk Scipioni, City Attorney Hills, City Engineer Anderson, Community Development Director Benetti, Natural Resources Coordinator Berger, Parks and Recreation Director Carlson, Deputy Police Chief Dahlstrom, City Planner Dill, Police Chief Francis, Consultant Planner Haskamp, Assistant City Administrator Grawe, Fire Chief Nelson, Assistant Finance Director Rotz, Natural Resources Technician Stockert, and Associate Planner Stroeing.

Mayor Hooppaw called the meeting to order at 7:00 p.m. Everyone took part in the Pledge of Allegiance to the flag.

Approval of the Agenda

MOTION: of Grendahl, seconded by Hiebert, approving the agenda for tonight's meeting, as presented, acknowledging the updated to item 4.U. and the Calendar of Events.
Ayes - 4 - Nays - 0.

Audience

Mayor Hooppaw asked if anyone was present to address the Council, at this time, on any item not on this meeting's agenda.

Randy Bailey spoke to the Council, inviting community members to the Apple Valley Rotary Annual Spring BBQ Bash and the annual Rick's Bike Sale event.

Consent Agenda

Mayor Hooppaw asked if the Council or anyone in the audience wished to pull any item from the consent agenda. Councilmember Hiebert requested item 4.F. be pulled for further discussion.

MOTION: of Grendahl, seconded by Melander, approving all items on the consent agenda, except 4.F. Ayes - 4 - Nays - 0.

Consent Agenda Items

- A. Approve the minutes of the regular meeting of April 24, 2025.
- B. Proclaim May 18 through May 24, 2025, as "Public Works Week" in the City of Apple Valley.

- C. Approve issuance of a lawful gambling exempt permit by the State Gambling Control Board to Renegade Pigs M/C MN to hold a raffle on July 19, 2025, at Cowboy Jack's, 14998 Glazier Avenue.
- D. Approve out-of-state travel request for Councilmember Ruth Grendahl to attend the National League of Cities Summer Board and Leadership Meeting.
- E. Approve the 2026 Budget Calendar and set August 28, 2025, at 5:30 p.m. as a special informal meeting of the City Council.
- F. ~~Approve program for voluntary assessments for diseased tree removals on private property.~~ Item pulled for discussion.
- G. Surplus Parks Equipment
 - 1. Declare Redwood Park pool light poles and fixtures as surplus and authorize disposal or auction.
 - 2. Approve agreement with Auction Masters, Inc., to host online auction.
- H. Adopt **Resolution No. 2025-66** accepting easements for Project 2022-111, Apple Valley 11th and 12th Additions Electrical Conversion Phase 1.
- I. Adopt **Resolution No. 2025-67** Approving One-Year Extension of a Setback Variance for Drive-Through Canopy at Chick-Fil-A (7480 153rd Street West)
- J. Approve procedures for administering Project 2024-190, Kelley Park Renovation (2023 Parks Bond Referendum).
- K. Adopt **Resolution No. 2025-68** approving plans and specifications for Project 2025-113, Galaxie Avenue & CSAH 42 Entrance Monument Improvements, and authorizing advertisement for receipt of bids June 3, 2025, at 10:00 a.m.
- L. Adopt **Resolution No. 2025-69** awarding agreement for Project 2025-105, 2025 Street Improvements, to McNamara Contracting, Inc., in the amount of \$1,663,437.00.
- M. Adopt **Resolution No. 2025-70** awarding agreement for Project 2025-109, Central Village Street Improvements, to Northwest Asphalt, Inc., in the amount of \$1,370,450.00.
- N. Approve professional services agreement with Surprise Endurance, LLC, for physical fitness and wellness training and authorize Police Chief Francis to sign the agreement on behalf of the City.
- O. Approve agreement with Keys Well Drilling Company, for Project 2024-136, Well 16 Recommissioning, in the amount of \$125,286.00.
- P. McDonalds at Orchard Place (15460 English Avenue)
 - 1. Adopt **Resolution No. 2025-71** completing the vacation of easements on Outlot A, Orchard Place 4th Addition.
 - 2. Adopt **Resolution No. 2025-72** approving the final plat and development agreement for McDonalds at Orchard Place.
 - 3. Approve storm water maintenance agreement, on Lot 2, Block 1, McDonalds at Orchard Place, for a proposed McDonald's restaurant
- Q. Approve Change Order No. 11 for Project 2021-172, Police Garage to various contractors in various amounts, and authorize the Mayor and City Clerk to sign contract documents.

- R. Approve the following Change Order to the professional services agreement with Johnson Laffen Galloway Architects, Ltd., d/b/a JLG Architects, for Project 2024-187, Family Aquatic Center Improvements (2023 Parks Referendum):
 - 1. Change Order No. 1 in the amount of an additional \$30,000 for increased scope of aquatic mechanical and pool structure work.
- S. Approve acceptance and final payment on agreement with Nordic Services, Inc., d/b/a Nordic Mechanical Services, for Fire Station 1 HVAC replacement, in the amount of \$22,060.00.
- T. Approve claims and bills.
- U. Approve the personnel report.

End of Consent Agenda

- 4.F. Approve program for voluntary assessments for diseased tree removals on private property.

Councilmember Hiebert highlighted the importance of the new assessment program.

Ms. Berger provided an overview of the new program.

MOTION: of Hieber, seconded by Melander, approving a program for voluntary assessments for diseased tree removals on private property. Ayes - 4 - Nays - 0.

Regular Agenda

A. Mental Health Awareness Month Proclamation

Mayor Hooppaw introduced this item and read the proclamation proclaiming May 2025, as “Mental Health Awareness Month”.

MOTION: of Grendahl, seconded by Hiebert, proclaiming May 2025 as “Mental Health Awareness Month”. Ayes - 4 - Nays - 0.

B. Peace Officer’s Memorial Day Proclamation

Deputy Police Chief Dahlstrom introduced this item.

Mayor Hooppaw then read the proclamation proclaiming May 15, 2025, “Peace Officer’s Memorial Day” and May 12-16, 2025, as “Police Week” in the City of Apple Valley.

MOTION: of Melander, seconded by Grendahl, proclaiming May 15, 2025, “Peace Officer’s Memorial Day” and May 12-16, 2025, as “Police Week” in the City of Apple Valley, and inviting residents to honor fallen police officers. Ayes - 4 - Nays - 0.

C. Apple Valley Village (Cassia) Expansion

Ms. Haskamp stated the Apple Valley Medical Center has applied for Site Plan and Building Permit Authorization to construct a 60-unit (64 bed) skilled nursing facility for transition care on the subject property. The site is generally located at the intersection of Garrett Avenue and 147th Street West. The proposed Project is located on approximately 5.9 acres and is currently vacant, except for an existing parking lot that has been used for the existing Apple Valley Skilled Care Center ("SCC") parking. The vacant site has been part of the owner's long-term plans to provide a full continuum of care from the health care campus that includes the existing SCC facility and adjacent/connected village apartments to the north of the subject site. The Planning Commission reviewed the site plan/building permit request on April 16, 2025, and voted to recommend approval of the request by a 6-0 vote.

Councilmember Hiebert requested more trees be planted south of the new access road into the site.

MOTION: of Grendahl, seconded by Melander, to adopt **Resolution No. 2025-73** approving site plan and building permit authorization of the Apple Valley Village (Cassia) Expansion for development of a Transition Care Unit facility on Lot 2, Block 1 Apple Valley Commercial 4th Addition. Ayes - 4 - Nays - 0.

D. Kelley Park Improvements

Ms. Stroeing stated Kelley Park is located at 6855 Fortino Street in Central Village. The existing park facilities include playground equipment, splashpad, park shelter, restrooms, stage area, internal sidewalks, and landscaping features. Most existing facilities and materials will be removed as part of the improvements to Kelley Park. The clock tower and some of the landscaping materials will be reused. The planned improvements to Kelley Park include a stage structure (bandshell), restroom with an attached pavilion, playground equipment, splashpad, increased parking, and stormwater management facilities. The Planning Commission reviewed the request for the rezoning on March 20, 2024. The Planning Commission voted to recommend approval of the requested rezoning by a 5-0 vote. The Planning Commission reviewed the requests for variances and site plan/building permit authorization of the Kelley Park improvements on April 16, 2025. The variances and site plan/building authorization were recommended for approval by a 6-0 vote.

MOTION: of Hiebert, seconded by Melander, to pass an ordinance approving the rezoning of Lot 1, Block 1 and Lot 1, Block 2, Kelley Park from "PD-739" (Planned Development No. 739) to "P" (Institutional). Ayes - 4 - Nays - 0.

MOTION: of Hiebert, seconded by Melander, to adopt **Resolution No. 2025-74** approving setback variances for a bandshell structure from Galante Lane from 35' to 20', and from Fortino Street 35' to 23'. Ayes - 4 - Nays - 0.

MOTION: of Hiebert, seconded by Melander, to adopt **Resolution No. 2025-75** approving a setback variance for a restroom and pavilion structure from 152nd Street West from 35' to 20'. Ayes - 4 - Nays - 0.

MOTION: of Hiebert, seconded by Melander, to adopt **Resolution No. 2025-76** approving setback variances for the expansion of a parking lot from Foliage Avenue from 20' to 13', from 152nd Street West from 20' to 10', and from Fortino Street from 20' to 10'. Ayes - 4 - Nays - 0.

MOTION: of Hiebert, seconded by Melander, to adopt **Resolution No. 2025-77** approving the site plan/building permit authorization for the construction of a bandshell structure, restroom and pavilion structure, and other improvements at Kelley Park. Ayes - 4 - Nays - 0.

E. Project 2024-190, Kelley Park Renovation Guaranteed Maximum Price Amendment

Mr. Carlson stated the City is revitalizing Kelley Park with exciting new features that enhance recreation, environmental stewardship, and community gathering opportunities. Project highlights include a performance facility, a large video screen, a new playground, an interactive splash pad, a modern restroom building, expanded parking, and sustainability features. This comprehensive renovation will establish Kelley Park as a premier destination for recreation, entertainment, and community engagement in Apple Valley.

MOTION: of Hiebert, seconded by Melander, to approve Guaranteed Maximum Price Amendment to AIA Agreement with Kraus-Anderson Construction Company for construction management at risk services for Project 2024-190, Kelley Park Renovation, in the amount of \$7,873,921.00 (2023 Parks Bond Referendum). Ayes - 4 - Nays - 0.

F. 2025 Special Assessment Roll 697, Delinquent Utilities

Mr. Rotz described Assessment Roll No. 697, totaling the original amount of \$163,625.43, for delinquent utility accounts. He noted the hearing notice was published according to law and confirmed receipt of the Affidavit of Publication. The original assessment roll represented 394 utility billing accounts.

Mayor Hooppaw called the public hearing to order, at 7:45 p.m., on Special Assessment Roll No. 697. The Mayor asked for questions or comments from the Council and the audience. There were none and the hearing was declared closed at 7:45 p.m.

MOTION: of Grendahl, seconded by Melander, adopting **Resolution No. 2025-78** approving and levying 2025 Special Assessment Roll No. 697, delinquent utility accounts, in the original amount of \$163,625.43, minus any prepayments. Ayes - 4 - Nays - 0.

Communications

Mr. Anderson provided an overview of a Dakota County project on Cedar Avenue, which began on May 5 and should be completed by mid-July.

Mr. Benetti introduced the new City Planner, Terri Dill. The Mayor and City Council welcomed Ms. Dill to Apple Valley.

Calendar of Upcoming Events

MOTION: of Grendahl, seconded by Melander, approving the calendar of upcoming events as included in the Deputy City Clerk's memo, and noting that each event listed is hereby deemed a Special Meeting of the City Council. Ayes - 4 - Nays - 0.

Adjourn

MOTION: of Grendahl, seconded by Melander, to adjourn. Ayes - 4 - Nays - 0.

The meeting was adjourned at 7:53 p.m.

Respectfully Submitted,

Christina M. Scipioni, City Clerk

Approved by the Apple Valley City Council
on May 22, 2025.

Clint Hooppaw, Mayor



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.B.
May 22, 2025
Consent Agenda

Description:

Adopt Resolution setting public hearing at 7:00 p.m. on June 12, 2025, to consider On-Sale Wine and 3.2 Percent Malt Liquor License application from Spice Village, LLC, 7520 149th Street W.

Staff Contact:

Stephanie Marschall, Deputy City Clerk

Department / Division:

Administration/City Clerk's Office

Action Requested:

Adopt Resolution setting public hearing at 7:00 p.m. on June 12, 2025, to consider On-Sale Wine and 3.2 Percent Malt Liquor License application from Spice Village, LLC, 7520 149th Street W.

Summary:

Spice Village, LLC, has applied for On-Sale Wine and On-Sale 3.2 Percent Malt Liquor Licenses for premises located at 7520 149th Street W. Attached is a resolution authorizing and directing staff to publish a hearing notice regarding the liquor license application.

Background:

City Code requires the City Council to schedule and hold a public hearing before the issuance of alcohol licenses.

Budget Impact:

N/A

Attachments:

1. Resolution

CITY OF APPLE VALLEY
RESOLUTION NO. 2025-

A RESOLUTION SETTING PUBLIC HEARING ON LICENSE APPLICATION

WHEREAS, the City Clerk has advised this Council that an application for on-sale wine and 3.2 percent malt liquor licenses has been received from Spice Village, LLC, on premises located at 7520 149th Street W.; and

WHEREAS, City Code Section 111.24 requires the City Council to set and hold a public hearing on such license applications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Apple Valley, Dakota County, Minnesota, as follows:

1. A public hearing on said application shall be held before this Council at the time, date and place specified in the Notice of Public Hearing attached to this resolution as Exhibit A.
2. As required by the City Code, the City Clerk is hereby authorized and directed to publish the hearing notice attached, in a timely manner, in the official City newspaper.

ADOPTED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

Exhibit A

NOTICE OF PUBLIC HEARING ON-SALE WINE & 3.2 PERCENT MALT LIQUOR LICENSES APPLICATION CITY OF APPLE VALLEY

NOTICE IS HEREBY GIVEN that the City Council of the City of Apple Valley, Dakota County, Minnesota, will meet at the Municipal Center, 7100 147th Street W., on Thursday, June 12, 2025, at 7:00 p.m., or as soon thereafter as possible. The purpose of the meeting will be to hold a public hearing on the application of Spice Village, LLC, for ON-SALE WINE and 3.2 PERCENT MALT LIQUOR SALES LICENSES pursuant to City Code Section 111.22.

The business, which will be operated in conjunction with the proposed licenses, is a restaurant located at 7520 149th Street W.

The partners of the Limited Liability Company are:

Snehalatha Thanneru
Chaithanya Priya Krishna
Deepika Bavandla
Shanmuga Priya Radha
Mounika Arjula

All interested parties will be given an opportunity to be heard at said time and place.

DATED this 22nd day of May, 2025.

BY ORDER OF THE CITY COUNCIL

Christina M. Scipioni, City Clerk



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.C.
May 22, 2025
Consent Agenda

Description:

Adopt Resolution approving State Gambling Premises Permit for Eastview Hockey Association to conduct lawful gambling at Revolve Hall/Whiskey Inferno/Minnesota Burger Company, 14889 Florence Trail

Staff Contact:

Christina Scipioni, City Clerk

Department / Division:

Administration/City Clerk's Office

Action Requested:

Adopt Resolution approving State Gambling Premises Permit for Eastview Hockey Association to conduct lawful gambling at Revolve Hall/Whiskey Inferno/Minnesota Burger Company, 14889 Florence Trail

Summary:

An application for a new lawful gambling premises permit has been submitted by the Eastview Hockey Association for space at Revolve Hall/Whiskey Inferno/Minnesota Burger Company, 14889 Florence Trail. The premises permit is issued by the Minnesota Gambling Control Board following City approval. The application form is on file in the City Clerk's Office. Staff have reviewed the application and find it in order for approval.

Background:

N/A

Budget Impact:

N/A

Attachments:

1. Resolution

CITY OF APPLE VALLEY
RESOLUTION NO. 2025-

A RESOLUTION APPROVING GAMBLING PREMISES PERMIT

WHEREAS, the City of Apple Valley has received a copy of an application dated May 1, 2025, for a Gambling Premises Permit from Eastview Hockey Association, for premises located at Misfit AV, LLC, d/b/a Revolve Hall/Whiskey Inferno/Minnesota Burger Company, in the City of Apple Valley; and

WHEREAS, such permits are issued by the Minnesota Gambling Control Board pursuant to Minnesota Statutes 349.16; and

WHEREAS, Minnesota Statutes 349.213, Subd. 2, provides for local government approval or disapproval of such applications prior to issuance of the permits.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Apple Valley, Dakota County, Minnesota, that the application of the Eastview Hockey Association, for a Minnesota Lawful Gambling Premises Permit at 14889 Florence Trail, in Apple Valley, is hereby approved and any waiting period for State approval is hereby waived.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to send a certified copy of this resolution to the Minnesota Department of Public Safety, Gambling Control Board.

ADOPTED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

CERTIFICATE

As Apple Valley City Clerk, I hereby certify that the foregoing is a true and correct copy of a resolution adopted by the City Council of the City of Apple Valley, Dakota County, Minnesota, at a duly called meeting thereof held on the 22nd day of May, 2025.

Christina M. Scipioni, City Clerk



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.D.
May 22, 2025
Consent Agenda

Description: Approve 2025 Fuel Dispensing Facility Permit for Holiday Stationstores, LLC, d/b/a Holiday Stationstore #2746584, 15550 Cedar Avenue	
Staff Contact: Stephanie Marschall, Deputy City Clerk	Department / Division: Administration/City Clerk's Office

Action Requested:

Approve 2025 Fuel Dispensing Facility Permit for Holiday Stationstores, LLC, d/b/a Holiday Stationstore #2746584, 15550 Cedar Avenue

Summary:

An application for a new 2025 Fuel Dispensing Facility Permit has been received from Holiday Stationstores, LLC, d/b/a Holiday Stationstore #2746584, located at 15550 Cedar Avenue. The Fire Department has completed the necessary inspection and finds no reason to deny the permit application.

Background:

Chapter 116 of the Apple Valley Code of Ordinances regulates Fuel Dispensing Facilities.

Budget Impact:

N/A

Attachments:

None



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.E.
May 22, 2025
Consent Agenda

Description:

Approve Appointment of City Representatives to the Minnesota Valley Transit Authority (MVTA) Board of Commissioners and Technical Work Group

Staff Contact:

Tom Lawell, City Administrator

Department / Division:

Administration

Action Requested:

Approve Appointment of City Representatives to the Minnesota Valley Transit Authority (MVTA) Board of Commissioners and Technical Work Group

Summary:

Transit service in the City of Apple Valley is provided by the Minnesota Valley Transit Authority (MVTA) under a joint powers agreement which was approved in 1990. Member cities and counties annually appoint representatives to serve on the MVTA Board of Commissioners and Technical Work Group to represent their communities. The City Council is being asked to appoint the following City representatives to the MVTA:

Name	Position
Mayor Clint Hooppaw	Primary MVTA Commissioner
Council Member Lisa Hiebert	Alternate MVTA Commissioner
Community Development Director Tim Benetti	MVTA Technical Work Group Member

Background:

The MVTA is the public transportation agency serving seven cities throughout the south metropolitan area within Dakota and Scott counties, including Apple Valley, Burnsville, Eagan, Rosemount, Prior Lake, Savage, and Shakopee. MVTA operates local, express, reverse commute, and suburb-to-suburb service, as well as MVTA Connect microtransit and event service offerings.

MVTA is governed by a Board of Commissioners comprised of elected officials. Each of the participating cities and counties may appoint one member to the MVTA Board as their primary representative. Parties may also designate an alternate member, as well as appoint a staff member to the MVTA Technical Work Group.

Budget Impact:

N/A

Attachments:

None



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.F.
May 22, 2025
Consent Agenda

Description: Receive 2024 Police Department Annual Report	
Staff Contact: Nick Francis, Police Chief	Department / Division: Police

Action Requested:
Receive 2024 Police Department Annual Report

Summary:
The Police Department publishes an annual report which is displayed online and available for public viewing. The 2024 annual report was completed after conclusion of the Department's 2025 department meeting and annual awards ceremony.

Background:
N/A

Budget Impact:
N/A

- Attachments:**
1. 2024 Police Annual Report



Apple Valley Police 2024 Annual Report



 applevalleymn.gov/police

 @AppleValleyPolice

 @AppleValleyPD



LETTER FROM THE CHIEF



On behalf of the Apple Valley Police Department, I welcome you to our 2024 Annual Report. This report serves as an at a glance look at some of the amazing things our department accomplished in 2024.

This year our department continued to recruit new employees while improving the service provided by our Community Impact Unit which includes mental health response, multi-housing calls for service, and retail crime relationships.

A first that anyone can recall, the Freedom Days parade was cancelled due to inclement weather. Always making things work despite adversity, our staff found a break in the weather to put a show on none the less. In the spirit of freedom, they drove 20+ police vehicles down the parade route so those outside knew rain or shine, their department is always here for them.



As our community evolves, so do we and this is a good opportunity to sit back and reflect at the past year within the Apple Valley Police Department. Our department has a lot to offer our community, and we strive to create relationships to provide our community with the tenets of our mission statement: Service, Education, and Enforcement.

Please take some time to see what we've accomplished but don't stop there. Visit our website and follow us on social media to stay connected to us and the good work our employees do all year round.



OUR MISSION: PROTECTING OUR COMMUNITY AND IMPROVING QUALITY OF LIFE THROUGH **SERVICE, EDUCATION, AND ENFORCEMENT.**



38,445

SERVICE CALLS



858

ANIMAL CALLS



341

GUN PERMITS

TOP 5 SERVICE CALLS

1. Traffic Stop - 8695
2. 911 Hang Up - 3377
3. Suspicious Activity - 2124
4. Medical - 2025
5. Follow-up - 1757

TOP 5 CITATIONS ISSUED

1. Parking Violations - 1044
2. No Proof of Insurance - 584
3. No Valid License - 760
4. Expired registration - 344
5. Speeding - 322



Wednesday
BUSIEST DAY OF THE WEEK



2-4 P.M.
BUSIEST TIME OF DAY

DEPARTMENT ROSTER



PATROL DIVISION

Joshua Gerving – Patrol Sergeant
David Fry – Patrol Sergeant
Nicholas Wolf – Patrol Sergeant
Greggory Neumann – Patrol Sergeant
David Engel – Patrol Sergeant
Cory Christianson – Patrol Sergeant
Sean Marben – Patrol Sergeant
Brian Booth – Patrol Sergeant
Jonathan Holle – Patrol Officer
Michael Thelen – Patrol Officer
Kurt Schultz – Patrol Officer
Brian Plantz – Patrol Officer
Cody Yard – Patrol Officer
Wilson Hooper – Patrol Officer
Colleen Strohmayer – Patrol Officer
Jordan Mack – Patrol Officer
Alex Witkowski – Patrol Officer
Christopher Lundberg – Patrol Officer
Eric Kline – Patrol Officer
Jonathan LeClaire – Patrol Officer
Justin Wagner – Patrol Officer
Darren Marshbank – Patrol Officer
Evan Chirpich – Patrol Officer
Chloe Saholt – Patrol Officer
Alex Walker – Patrol Officer
Dani Braun – Patrol Officer
Nathan Pattee – Patrol Officer
Jack Strand – Patrol Officer
Sarah Tollefson – Patrol Officer
Amanda St. George – Patrol Officer
Tyler Grieves – Patrol Officer
Nicole Malecha – Patrol Officer
Mitch Lunder – Patrol Officer
Faith Athmann – Patrol Officer
Troy Reller – Patrol Officer
Jacob Kurschner – Patrol Officer
Nick Swanson – Patrol Officer
Kyle Wiesner – Patrol Officer
Mitchell Taylor – Patrol Officer
Ethan Solheid – Patrol Officer
Emma Schieffert – Community Service Officer
Alex Bokhonko – Community Service Officer
Jonathan Nelson – Community Service Officer

DETECTIVE UNIT

Adam Keeler – Sergeant
Tara Becker – Detective
Joel Horazuk – Detective
Shane Klokonos – Detective
Joel Pogatchnik – Detective
Nicole Guadalajara – Detective
Dylan Ordorff – Detective
David Gysbers – Detective
Annie Thelen – Investigative Analyst
Dan Beske – Evidence Technician

COMMUNITY IMPACT UNIT

Adam Tschida – Sergeant
Marcus Smith – CIU Officer
Miranda Demo – CIU Officer
Sarah Tollefson – CIU Officer
Zach Broughten – School Resource Officer
Justin Drogseth – School Resource Officer
April Ehmke – School Resource Officer
Pam Walter – Crime Prevention Specialist

RECORDS UNIT

Steph Mellesmoen – Administrative Manager
Terry McNulty – Lead Records Technician
Missy Nelson – Records Technician
Alice House – Records Technician
Shonda Sauter – Records Technician
Kim Kongnso – Records Technician
Karen Shaw – Records Technician

ADMINISTRATION

Nick Francis – Chief
Greg Dahlstrom – Deputy Chief
Alan Spillers – Lieutenant
Sean Zauhar – Lieutenant

POLICE CHAPLAINS

Mike Swecker – Lead Police Chaplain
Chuck Tindel – Police Chaplain
Dave Phillips – Police Chaplain
Taylor Apple – Police Chaplain
John Bermel – Police Chaplain
Deedee Lindelien – Police Chaplain

2024 AWARDS



Thank You FOR YOUR SERVICE

MEDAL OF HONOR

Jordan Mack

OFFICER OF THE YEAR

Officer Jon Holle

EMPLOYEE OF THE YEAR

Evidence Technician Dan Beske

CHIEFS AWARD OF MERIT FOR SERVICE

Nicole Guadalajara

CHIEFS AWARD OF MERIT FOR EDUCATION

Sean Zauhar
Dr. Garry Allen

CHIEFS AWARD OF MERIT FOR ENFORCEMENT

Alex Walker
Eric Kline

MEDAL OF COMMENDATION

Joel Pogatchnik

DEPARTMENT AWARD OF MERIT

Joel Pogatchnik
Darren Mashbank
Jack Strand
Alex Witkowski
Jordan Mack
Cody Yard
Kyle Wiesner
K-9 Moose
Greg Dahlstrom
Adam Tschida
Nick Swanson

LIFESAVING AWARD

Darren Marshbank
Evan Chirpich
Alex Walker
Mitch Taylor
Zach Broughten
Tyler Grieves
Jordan Mack
Nick Swanson
Jon LeClaire
Tyler Grieves
Troy Reller
Justin Wagner

2024 RETIREMENTS



Sergeant David Virden

Retired in September 2024 after serving the community for 16 years. Prior to serving in Apple Valley, Sergeant Virden was a police officer in his home state of Arkansas.

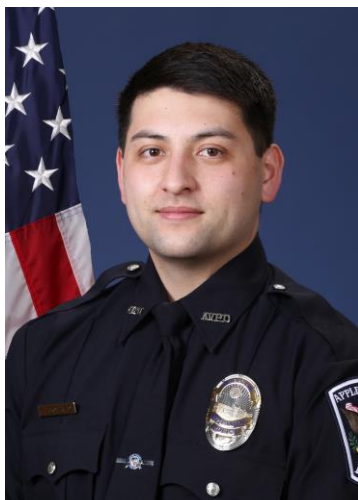
2024 NEW HIRES



Officer Kyle Wiesner
Hired on February 24, 2024.



Officer Mitchell Taylor
Hired on October 28, 2024.



Officer Ethan Solheid
Hired on October 28, 2024.



INVESTIGATION UNIT

The Investigation Unit's primary responsibility is to follow up on crimes committed where the suspect is unknown or difficult to locate. Detectives also take the primary lead in major case investigations such as homicides, arson, robbery, burglary, and criminal sexual conduct. Detectives conduct interviews, collect evidence, process legal requests, execute search warrants, and conduct follow-up on cases to ensure the criminal cases meet the necessary thresholds for criminal charging.

UNIT MEMBERS

In 2024, Sergeant Adam Keeler, Detectives Tara Becker, Joel Horazuk, Shane Klokonos, Joel Pogatchnik, Nicole Guadalajara, and David Gysbers staffed the Investigative Unit. Anne Thielen served as an investigative analyst and Dan Beske served as the property and evidence technician.

2024 CASE RESULTS

207 TOTAL CASES

20 CRIMINAL SEXUAL CONDUCT

47 FINANCIAL FRAUD

14 CHILD PROTECTION

13 ASSAULT

8 THEFT

SERVICE (CONT.)



COMMUNITY IMPACT UNIT (CIU)

The Community Impact Unit (CIU) was developed to address crime and quality of life issues at their root. Members of CIU take problem-focused approach – looking to partner with Apple Valley’s businesses, neighborhood leaders, multi-housing complexes, and numerous others throughout the community to first understand an issue, then address it.

MENTAL HEALTH FOLLOW UPS

This approach has been particularly successful in the mental health response/follow-up components of CIU. Officer Marcus Smith was our primary coordinated response officer. Officer Smith, along with a mental health professional from Dakota County Social Services, provided comprehensive follow up and outreach to individuals experiencing mental health challenges. This program works towards getting those in need of mental health services in contact with the necessary entities, providing long-term solutions to their needs and reducing their reliance on law enforcement.

In 2024, the coordinated response program addressed **314** mental health referrals for services.

EDUCATION



OUR VIEW ON EDUCATION

A core value of the Apple Valley Police Department is education. Education is realized in a variety of ways through training of our staff, crime prevention efforts, community outreach events, and simply educating the public during enforcement efforts.

STAFF TRAINING

Training courses include firearms, use of force, emergency driving, implicit bias, autism awareness, best practices in mental health crisis response, procedural justice, persuasion and de-escalation, blood borne pathogens, preventing in-custody suicides, leadership, power and influence, mentoring, duty to intervene, critical incident response, and many more.

Over **9,500 hours** of staff time was spent training in 2024.

COMMUNITY OUTREACH

1000+ TRUNK OR TREAT ATTENDEES

106 NIGHT TO UNITE PARTIES

23 CHILD CARSEAT CHECKS



ENFORCEMENT



8,695 Traffic Stops Conducted  **19%**



127 DWIs (Driving While Intoxicated)  **7%**



5,287 Total Citations Issued  **108%**

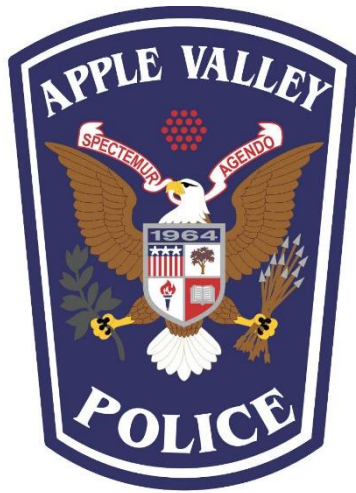


711 Adults and **121** Juveniles Charged  **21%**



832 Arrests, Including **69** Domestic Assaults

OUR PATCH AND CREST



THE EAGLE

The eagle on our patch represents our noble nature, strength, bravery and alertness. In its right talon, the eagle holds an olive branch; a sign of peace and in its left talon the eagle holds arrows, symbolizing the willingness to fight for nobility.

THE WREATH

The use of the laurel wreath on our crest dates back to ancient times as a symbol of peace, eternity, victory and unrequited love. The wreath is meant to communicate the same values today along with emphasizing the other elements of the crest. The circular shape of interlocking branches is a historic emblem that resonates victory.

THE SHIELD

Both our patch and crest contain a shield that is a symbol of protection, our primary duty to our citizens. The 1964 at the top of the shield is the year the Apple Valley Police Department came into existence. The stars and stripes in the upper right quarter of the shield represent our commitment to our country and the apple tree in the upper left quarter of the shield represents our commitment to our community. The torch in the lower right quarter of the shield represents our commitment to constant vigilance and the book in the lower left quarter of the shield represents our commitment to learning and understanding.

THE BANNER

Both our patch and crest contain a banner with our department motto "Spectemur Agendo" (we are judged by our deeds). This banner communicates our desire to live out our values and mission daily, not through words but through actions.

THANK YOU!



A Police Department cannot succeed without the trust, support, and high expectations of the community they serve. The profession of policing is challenging but our community never ceases to amaze us. While some only communicate with their police department in their time of need, many go out of their way to show us support throughout the year. Your kind words, notes of encouragement, treats, and support are appreciated more than we can ever say. Each one is shared with the entire department, so we all feel your appreciation and support



Apple Valley Police Department
7100 W. 147 street Apple Valley, MN 55124
Dear Apple Valley Police Chief Francis,
In honor of Law Enforcement Appreciation Day, our teams would like to express our gratitude to the entire Apple Valley Police Department. We recognize and express our heartfelt gratitude for the dedication and commitment of law enforcement officers who work tirelessly to keep our communities safe. This day offers a chance for all of us to reflect on the important role law enforcement plays in ensuring our safety and security, not only in public spaces but also within our stores across the country.
Our assets protection teams want to thank you and the entire department for your consistent and committed support and swift response from your officers have made a significant difference in mitigating theft and creating a secure environment for our guests, team members and the community. Please extend our appreciation to every member of your team for their hard work and dedication. Their efforts do not go unnoticed and are deeply valued by all of us here at Target.
Respectfully,
Executive Team Leader Assets Protection Evan Leischuh & Elizabeth Bertie.



Thank You!
We Love YOU ♥
I cannot express how thankful
I am for your service and
sacrifice.
— with love
Olivia

Thank you for all you
do to keep us safe!

WITH APPRECIATION - AVPD





ITEM:
COUNCIL MEETING DATE:
SECTION:

4.G.
May 22, 2025
Consent Agenda

Description:

Surplus Property

1. Declare miscellaneous City property and unclaimed property to be surplus
2. Approve agreement with SLA Auctions, LLC to hold an online auction

Staff Contact:

Christina Scipioni, City Clerk

Department / Division:

Administration/City Clerk's Office

Action Requested:

1. Declare miscellaneous City property and unclaimed property to be surplus
2. Approve agreement with SLA Auctions, LLC to hold an online auction

Summary:

Attached is a list of surplus City property that it is appropriate to sell at auction. Before the list was finalized, it was circulated among City departments. Items that could be reused in another department were repurposed and removed from the list. In addition, the Police Department has accumulated a number of bicycles and other unclaimed property. This type of property can also be disposed of by public sale to the highest bidder.

Attached is an agreement with Surplus Liquidation Auctions, LLC, a K-Bid online auction vendor. A 12% commission is charged on the gross amount of the sale, plus an advertising fee of \$400. The auction will run from June 6 to June 17, 2025. Surplus Liquidation Auctions, LLC will advertise the auction in the City's official newspaper. The agreement document has been previously reviewed by the City Attorney's office.

Background:

N/A

Budget Impact:

N/A

Attachments:

1. Agreement
2. Surplus and Unclaimed Property List



This agreement is between Surplus Liquidation Auctions, LLC (SLA) an authorized vendor of K-BID.com (dba K-BID) services, associates, employees or contractors, collectively referred to as "Auctioneer," and "Seller."

Namely: City of Apple Valley Seized Property and Surplus Sale

SELLER GRANTS TO Auctioneer the exclusive right to sell the "Property" identified below. The "Property" may be sold as auction, or in any other commercially reasonable manner, as determined by Auctioneer. As used in this agreement, "Property" shall refer to the individual and collective property to be sold.

AUCTION

Surplus Liquidation Auctions (SLA) and K-BID are pleased to provide auction or liquidation services as follows: ☒ Internet Auction

Name: City of Apple Valley

Contact: ~~Pamela Gackstetter~~ Christina Scipioni

Make checks payable to : ☐ Seller ☐ Contact ☐ Both

Address: 7100 147th St W, Apple Valley, MN 55124

Phone: 952 -95 3-2506

Christina Scipioni
Email: pamela.gackstetter@applevalleymn.org

PROPERTY BEING SOLD: Police evidence, Bicycles, surplus city property, seized assets.

☐ Check if additional list attached

LOCATION OF SALE: 6442 140th St. W., Apple Valley, MN 55124

DATE AND TIME OF SALE: See attached schedule

AUCTIONEERS COMPENSATION: Seller will pay a commission of 12 % or _____

OTHER FEE BASIS: _____

EXPENSES TO BE PAID BY SELLER:

Advertising and Marketing: \$400 Organization and Clean up: \$0 Setup: \$0

FEE OR EXPENSES ADVANCE REQUIRED FROM SELLER: \$ _____

Special Notes and Considerations: Seller will provide a forklift and driver for the removal days of the auction.

We appreciate this opportunity to provide services for you. We will need this agreement signed and returned along with any fee or expense advance required to hold the date for you.

For Surplus Liquidation Auctions, LLC

Date

I, the Seller, or my Agent, have read the document in its entirety and understand each of its provisions. I understand that by signing below, I am entering into a legally binding contract.

Clint Hooppaw, Mayor

Christina M. Scipioni, Clerk

City of Apple Valley

Company Name (if applicable)

Date

Surplus Liquidation Auctions LLC 6418 Bass Lake Road, Suite 5 Crystal, MN 55428 Phone: (612) 4324-1321 Email: Mike@slaauctions.com.

RESPONSIBILITIES OF THE AUCTIONEER:

1. Auctioneer shall conduct the auction and sale of the Property in a commercially reasonable manner.
2. Auctioneer shall maintain accurate records of auction and sale, and shall give to the Seller following the sale an accounting of goods sold and received.
3. Auctioneer shall arrange for all marketing, advertising, and promotion of the auction and sale in a commercially reasonable manner.

RESPONSIBILITIES OF THE SELLER:

1. Seller shall provide clean, safe premises with proper utility service in which to auction and sell Property.
2. Seller shall provide public liability insurance against all risks for the Property and premises, and shall indemnify Auctioneer against any claims, suits, or damages arising out of Auctioneer's conduct of the sale and auction.
3. Seller shall provide for rubbish removal and disposal of hazardous waste, and shall indemnify Auctioneer against any claims, suits, or damages arising therefrom.
4. Seller shall present for auction and sale all of the Property listed below, and shall not, without the expressed written agreement of the Auctioneer, withhold or withdraw any such Property from the auction and sale.
5. Seller shall cooperate in all respects with Auctioneer during the preparation for and conduct of the auction and sale.

SELLER WARRANTIES:

1. Seller warrants that it has title of the Property free and clear of all liens and encumbrances, except as specified below.
2. Seller warrants that the terms and conditions of this agreement shall be binding on its heirs, executors, administrators, successors, assigns, officers, shareholders, and directors.

SETTLEMENT PROCEDURES:

All checks for payment for the Property shall be drawn to the order of Auctioneer, and Auctioneer shall receive all proceeds of the auction and sale in trust for Seller. Auctioneer shall hold all proceeds until all checks have cleared or have been rejected. Auctioneer shall then pay by check the net proceeds of the auction and sale to Seller 14 days after the last day of removal. As used in this agreement "net proceeds" shall mean: gross receipts less Auctioneer's commission, fees, and expenses: uncollected checks and proceeds: and liens and encumbrances. Seller shall bear the risk of noncollectable proceeds. Auctioneer's commission shall be calculated and paid on gross proceeds.

GENERAL TERMS AND CONDITIONS:

1. Seller assumes all risk of loss to Property until title and risk of loss to a Buyer, including but not limited to fire, theft, vandalism, or economic loss.
2. Seller acknowledges that the auction and sale of Property is WITHOUT RESERVE or MINIMUM PRICE, unless noted on the Reserve List.
3. The Seller acknowledges that this auction and sale is an ABSOLUTE AUCTION.
4. Unless otherwise agreed in writing, Seller shall pay to Auctioneer the Full Buyer's Premium and the Auctioneer's commission rate and a 10% additional Buy Back Penalty reserved, purchased by Seller or its representative, or otherwise bid on the benefit of price protection for Seller. Commission shall be calculated on the highest bid obtained. If any Property is withdrawn by Seller prior to the auction and is sold within 120 days following the date of the auction. Auctioneer shall be entitled to its commission on the sale of that Property.
5. Seller shall indemnify Auctioneer against any claims, suits, or damages arising out of the non-disclosure of any lien or encumbrance against the Property.
6. K-BID will employ a "Buyer's Premium" of 13% which shall be paid and collected from the Buyer and retained by K-BID.
7. Seller acknowledges that Auctioneer may at its option delay or postpone the sale and auction for up to thirty (30) days for reasonable cause. As used in this Agreement, "reasonable cause" shall include, but not limited to: severe weather, inability to access the site of the Property or auction: breach of the peace; license or regulatory concerns, or questions, problems, doubts, or clouds on the title of the Property.
8. It is expressly understood that Auctioneer is not responsible and will not assume liability for any denial of service related to technical problems with the use of the internet - i.e. viruses, worms, etc.
9. Seller acknowledges and agrees that if on the day of closing of the auction and/or sale a technical problem occurs with use of the Internet that interferes with the auction and/or sale, the Auctioneer may, at his/her own discretion, keep the auction open for up to 72 hours after the event that caused the problem has been resolved.
10. Seller understands and acknowledges that, unless the Seller and Buyer make arrangements with the Auctioneer, the Auctioneer at his/her own discretion, may resell any Property that has been sold but not been removed from auction site by the Buyer on or before removal date.
11. Seller acknowledges and agrees that the Auctioneer shall not be liable or responsible for the removal or the Property from the auction site of any Property that has not been sold and/or that has been sold but not been removed from the auction site prior to removal date.
12. Seller understands that Seller will not receive proceeds from Auctioneer for a sale until after the sale proceeds are received by the Auctioneer from the Buyer.
13. Seller understand that Auctioneer will not dispose of or handle any hazardous waste materials for Seller.
14. Seller acknowledges that any discussions concerning advertising medias are estimates, and Auctioneer reserves the right in its sole discretion to redistribute advertising money to other types of advertising or media, to the best advantage of the auction and sale. Advertising and marketing expenses shall be included in reductions from the gross proceeds in the settlement.
15. In the event of a breach of this agreement by Seller, or in the event of cancellation of the auction and sale for ANY reason, Seller shall immediately pay to Auctioneer all expenses incurred by Auctioneer including, but not limited to, advertising, set-up, travel time, and other expenses.
16. The Seller authorizes K-BID to sign as title representative on any and all documents relating to title work.

Seller acknowledges that this agreement is the only agreement of the parties, and that there have been no oral representation or warranties made by Surplus Liquidation Auctions, K-BID, or its representatives.

Clint Hooppaw, Mayor

City of Apple Valley

Company Name (if applicable)

Christina M. Scipioni, City Clerk

Date

May 22, 2025, Surplus and Unclaimed Property List

- Samuel Adam A1:A2s Octoberfest Beer Stein
- Callaway Odyssey "White Hot OG" Putter with Cover
- Titos Vodka Logo Golf Bag
- Bell's Two Hearted Logo Lawn Chair
- Solo Stove "Bonfire"
- Smirnoff Logo Large Cooler, Red & Black
- Coors Light 45-gallon Cooler with Media Player & Speakers
- Taylor Made Boat Fender Bumper with Captain Morgan Logo
- Tito's Vodka LED Bottle Sign
- Blackstone 22" Griddle Tabletop (Propane)
- Keeper's Heart Whiskey Low-Ball Cocktail Glasses
- Inflatable Paddle Board Coors Light Logo with pump, paddles, & backpack carrying case
- Don Julio Tequila Logo T-Shirts
- MN Wild Official Hockey Jerseys
- MN Twins T-Shirt with Corona Logo
- 4 Hands Brewing Co. T-Shirt Black
- Port Authority Polo with Olmeca Altos Tequila Logo
- Glenlivet "Caribbean Reserve" T-Shirts
- Jefferson's Bourbon Logo T-Shirt
- Avion Tequila Logo Tank Top Dark Blue/Gray
- Jameson Irish Whiskey Logo T-Shirts
- Lipton Hard Iced Tea Logo Baseball Cap
- Swannies Golf Baseball Cap with Fireball Logo
- Red Breast Irish Whiskey Logo Winter Hat
- E & J XO Brandy Barrel Shelf Display
- Barrel Shelf Display
- Copolla Sleigh Display Piece
- Special Export Mirror/Chalk Board
- Moose Drool Tin Beer Sign
- Picnic Tables
- Misc. Lumber
- Canoes
- 16' Trailer
- Planter Block
- Limestone Block
- Nemco Food Warmer
- Wisco Pizza Oven
- Pop-A-Lot Popcorn Popper
- Paragon Snow Cone Ice Grinder
- Wooden Ladder 6'
- Office Chair
- Iron Duck Duffle Green EMS Bag
- Cardiac Science AED Bag
- System 6 Multicuff BP System Bag
- Zoll ResQ CPR Bag
- Small Plastic case
- Iron Duck Small Blue EMS Bag
- Iron Duck Duffle Blue EMS Bag
- Toshiba CRTV w/ Remote
- CRTV Mount
- Keyboard Shelf
- Foam Ford Inserts
- Black Plastic Floor Insert
- Center Dash Insert
- Center Console Insert
- Bissell Hardwood Floor Expert Vacuum
- ZEP Dust Mop Refill 24"x3"
- ZEP Dust Mop Refill 18"x3"
- Zep Dust Mop Refill
- Toilet Brush
- Metal Shelves 2'x3'
- Metal Shelf 18"x42"
- Metal Shelf 14"x4'
- Metal Shelf 21"x4'
- Shelf Legs with Wheel (82")
- Shelf Support Brace (24")
- Shelf Dividers (24"x8")
- Shelf Assembly Clips
- Cannon Powershot SD1000 Digital Camera w/ Charger
- Super VAC Door Bar
- iPads with Otterbox Cases (no chargers)
- Laptop Charging Cart
- Epson PowerLite 1945w Projector
- Cummins Paper Shredder Model 185 AV
- Bicycle
- Electric Scooter
- Halo Rover X Electric Hoverboard (without charging cable)
- Hyper Tough 19-Inch Bolt Cutter
- CS-590 Timber Wolf Chainsaw
- Coleman CT200U Minibike
- Huntair HVAC Coil
- Trailer ball hitch
- ProMax Motorcycle Chock
- Makita XBU02 Cordless Blower
- Small Milwaukee PACKOUT toolbox (no tools)
- Makita XDT15 Cordless Impact Driver

May 22, 2025, Surplus and Unclaimed Property List

- Makita unknown model cordless impact driver
- Tool Shop 2-Gallon 1/3 HP Air Compressor model 207-1526
- DEWALT wrecking/pry bar
- Stanley wrecking/pry bar
- Spectra Precision LL300N Laser Level
- SitePro SK-Series Automatic Level
- DEWALT D25614 SDS Max Combination Rotary Hammer
- DEWALT DCB115 12V/20V MAX Battery Charger
- DEWALT DCB118 20V MAX Rapid Battery Charger
- DEWALT DCS374 Cordless Band Saw
- DEWALT DCS578 Cordless Circular Saw
- DEWALT DCN660 Cordless 16 GA Angled Finish Nailer
- DEWALT DCS369 ATOMIC Cordless One-Handed Reciprocating Saw
- DEWALT DCN692 Cordless 30 Degree Paper Collated Framing Nailer
- DEWALT DCG412 Cordless Grinder
- DEWALT DCD991 1/2" Cordless Drill/Driver
- DEWALT 20V 4AH Battery
- Large Stanley Roller Tool Chest
- Ratchet Straps
- Tow Straps
- Porter Cable 20V Lithium Battery (dirty and poor condition)
- SINDE Battery-Powered Vehicle (Simulated Impaired Driving Experience)
- Office Chairs
- Ridgid Locator Seek Tech SR-20 omni seek
- Ridgid Drill 18V R86008, Ridgid Driver 18V R86034, Ridgid Charger R86091
- Spin Doctor Valve Exerciser
- Sensus Radio Read equipment, (vehicle transceiver unit), Sensus AR5002 handheld reader included (2) charging dock
- Rigid Portable sewer cleaning Rodder
- Magikist water Line Thawing Jetter (defective heat element)
- Trailer 374T – Striping Trailer
- Miller Trailer 371T
- 363 Blizzard Plow with skid attachment Plate – No Controller
- 363 Blizzard Plow with skid attachment Plate – No Controller
- Stihl Chainsaw Model 026
- Stihl Weed Whip Model FS90
- Stihl Weed Whip Model FS90
- Air rivet gun – Kar Products
- Air DA Polisher/Sander – Chicago – 3x
- 22 Cal Stud Gun – Remington
- Weiler wire wheels 8" – 8
- Pferd 7" grinding wheels – 5
- Black & Decker ½" – Corded electric impact
- Tote of heated windshield wiper parts
- Seat track for ford
- OTC Scan tool with cartridges – missing scan tool
- Pallet of misc. brakes and rotors
- Pallet of rims (new and used)
- Engine stand
- Wheel dolly for dual truck tires – unknown operation
- Transmission jack
- Air Jack – bumper lift
- 2 - Oil drain cart
- Semi tire lift/dolly tool
- Brake lathe – armature arm bent
- Tire machine – nonoperational
- Rolling storage unit
- Pallet of starters and alternators
- Pallet of service manuals
- 2 – rear seats from a Ford Taurus
- 18 Qts. – 15W50 Syn Oil
- Flashlights, auto chargers and warning light modules
- Shotgun and handgun racks
- Light duty truck and car parts
- Medium duty truck parts
- Heavy-duty truck parts
- 6 – 235/55R17 tires – new
- 4 - P225/60r16 tires – new
- 1 – 245/45R18 tire – new
- 33x12.50x15 tire – new
- 10.00R20 rim and tire off sweeper – used
- 3.5 – 5 HP Briggs and Stratton motor – unknown if operational
- Tow Car Dolly
- 2 Fuel Nozzles (3/4 inch)
- Face Masks

May 22, 2025, Surplus and Unclaimed Property List

- Miscellaneous office supplies
- Plastic filing stand
- Cafeteria trays
- Poly Tarp
- Plastic legal size stackable bins
- Elastic key rings
- Clear paper/photo stands
- Face shields
- Blue large stackable bins
- Barstool height office chair
- Metal Bins
- Plastic totes
- Computer rolling carts
- Wall Art
- Metal barstool
- Metal voting booths
- Plexiglass shields
- Titleist Golf Bag with Glenmorangie Single Malt Scotch Logo
- Backpack cooler with Glenmorangie Single Malt Scotch logo
- Dos Equis cooler
- Pink Hoodie Sweatshirts with Plift Logo
- Dos Equis Grill Display



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.H.
May 22, 2025
Consent Agenda

Description: Adopt Resolution Receiving Feasibility Study for PFAS Removal Project 2024-137, PFAS Treatment Facility Study	
Staff Contact: Matt Saam, Public Works Director	Department / Division: Public Works

Action Requested:

Adopt Resolution Receiving Feasibility Study for PFAS Removal Project 2024-137, PFAS Treatment Facility Study

Summary:

The attached feasibility study provides options for PFAS (per- and polyfluoroalkyl substances) treatment/removal at the City's Water Treatment Plant (WTP). The study evaluated two primary treatment options: adsorption using Granular Activated Carbon (GAC) and membrane processes such as Reverse Osmosis or Nanofiltration. The study focused on identifying the most effective treatment technology for the City based on a number of factors including:

- Treatment Robustness
- Operational Reliability
- Long Term Compliance for Contaminants of Emerging Concern
- Treatment Component Availability
- Residual Disposal
- Site Constraints
- Capital and Operational costs

After an analysis of the above factors, the study recommended the City consider membrane treatment for removal of PFAS at the City's WTP. This recommendation is based on the fact that membrane processes can be expected to provide a broader spectrum of removal for contaminants of emerging concern that the City may need to treat for in the future. Additionally, membrane treatment has a more diversified supply chain as compared to GAC since the operating costs are not strictly dependent on one material. Finally, the membrane option is expected to have a lower overall capital and operational cost for the City.

Going forward, the study recommends the City consider a Pilot Study as the next step toward permanent PFAS treatment at the City's WTP.

Background:

At the March 13, 2025 City Council Informal meeting, the City Council heard a presentation from the project consultant on the draft feasibility study and discussed the results of the study.

At the May 23, 2024 City Council meeting, the City Council authorized Project 2024-137 PFAS Treatment Feasibility Study and related engineering services.

Budget Impact:

The feasibility study estimates the construction cost to add a membrane treatment system to the City's WTP at \$106M (includes a one-time sewer charge to the Met Council of \$9M). Staff plans to work on future funding options for the Council to consider. These would include the following: Public Facilities Authority funding, Federal Community Project Funding (CPF), PFAS Lawsuit Settlement funds, State/Federal grants, Utility bonding, and water rate review.

Attachments:

1. Resolution
2. Final PFAS WTP Study

CITY OF APPLE VALLEY
RESOLUTION NO. 2025-

RESOLUTION RECEIVING FEASIBILITY STUDY FOR
PROJECT 2024-137, PFAS TREATMENT FACILITY STUDY

WHEREAS, a feasibility study has been prepared by Stantec Consulting Services, Inc. for Project 2024-137, and

WHEREAS, the study provides information regarding options for PFAS (per- and polyfluoroalkyl substances) treatment/removal at the City's Water Treatment Plant (WTP). The study evaluated two primary treatment options: adsorption using Granular Activated Carbon (GAC) and membrane processes such as Reverse Osmosis or Nanofiltration. The study focused on identifying the most effective treatment technology for the City, and

WHEREAS, the study recommended the City consider membrane treatment for removal of PFAS at the City's WTP. This recommendation is based on the fact that membrane processes can be expected to provide a broader spectrum of removal for contaminants of emerging concern that the City may need to treat for in the future. Additionally, membrane treatment has a more diversified supply chain as compared to GAC since the operating costs are not strictly dependent on one material and the membrane option is expected to have a lower overall capital and operational cost for the City.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Apple Valley, Dakota County, Minnesota, as follows:

1. The attached feasibility study dated May 1, 2025 is formally received by the City Council.

ADOPTED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk



Apple Valley PFAS Removal Facility

Feasibility Study

May 1, 2025

Prepared for:

City of Apple Valley
6442 140th Street West
Apple Valley, MN 55124

Prepared by:

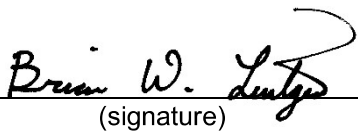
Stantec Consulting Services, Inc.
733 Marquette Avenue, Suite 1000
Minneapolis, MN 55402

APPLE VALLEY PFAS REMOVAL FACILITY

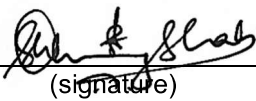
Revision	Description	Author		Quality Check		Independent Review	
A	Draft (Treatment Alternatives Section only)	Brian Lintgen, PE	7/26/2024	Ash Hammerbeck, PE	7/26/2024	Ryan Capelle, PE	7/26/2024
B	Draft Report	Brian Lintgen, PE; Natasha Neeve; Chirag Shah	11/21/2024	Ash Hammerbeck, PE	11/21/2024	Ryan Capelle, PE	11/21/2024
C	Draft Report	Brian Lintgen, PE; Natasha Neeve; Chirag Shah	12/17/2024	Ash Hammerbeck, PE	12/17/2024	Ryan Capelle, PE	12/17/2024
D	Final Draft for City Review	Brian Lintgen, PE; Natasha Neeve; Chirag Shah	4/3/2025	Chirag Shah	4/3/2025	Ryan Capelle, PE	4/3/2025
E	Final Report	Brian Lintgen, PE; Natasha Neeve; Chirag Shah	5/1/2025	Ash Hammerbeck, PE	5/1/2025	Ryan Capelle, PE	5/1/2025

APPLE VALLEY PFAS REMOVAL FACILITY

This document entitled Apple Valley PFAS Removal Facility was prepared by Stantec Inc. ("Stantec") for the account of Apple Valley (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by 
(signature)

Brian Lintgen, PE

Prepared by 
(signature)

Chirag Shah, PE

Reviewed by 
(signature)

Ash Hammerbeck, PE

Approved by 
(signature)

Ryan Capelle, PE

EXECUTIVE SUMMARY	1
1.0 PROJECT UNDERSTANDING	2
1.1 EXISTING WATER TREATMENT PLANT AND SYSTEM SUMMARY	2
1.2 PFAS REGULATIONS	2
1.3 DESIGN CRITERIA & RAW WATER QUALITY	3
2.0 TREATMENT FOR PFAS MITIGATION.....	5
2.1 MODIFICATIONS TO EXISTING PROCESS	6
2.2 ADSORPTION – GRANULAR ACTIVATED CARBON (GAC)	7
Technology Background	7
Process Flow Diagram	10
Initial System Sizing	11
Operations and Maintenance.....	12
Waste, Disposal, and Environmental Considerations.....	13
Summary of Technology Advantages and Disadvantages	13
2.3 MEMBRANE FILTRATION (REVERSE OSMOSIS OR NANOFILTRATION)	14
Technology Background	14
Process Flow Diagram	17
Initial System Sizing	17
Operations and Maintenance.....	20
Waste, Disposal, and Environmental Considerations.....	21
Summary of Technology Advantages and Disadvantages	22
3.0 APPLE VALLEY SITE EVALUATION.....	23
3.1 EXPANSION NEEDS	23
3.2 SITE CONSTRAINTS AND AVAILABLE AREAS	23
3.3 LAYOUT OPTIONS	25
4.0 OPINIONS OF PROBABLE COST	29
4.1 COST SUMMARY	29
4.2 GRANULAR ACTIVATED CARBON COST ESTIMATE	31
Capital Cost 31	
Operational Cost	32
4.3 MEMBRANE TREATMENT COST ESTIMATE.....	33
Capital Cost 33	
Operational Cost	34
4.4 COSTING ASSUMPTIONS	35
5.0 TIMELINE	35
6.0 PFAS TREATMENT DECISION MATRIX AND RECOMMENDATION	36

LIST OF TABLES

Table 1-1 USEPA Maximum Contaminant Levels	3
Table 1-2 Existing Water Quality	4
Table 2-1 Summary of GAC Equipment	12
Table 2-2 Pros and Cons of GAC Adsorption for PFAS Treatment.....	13
Table 2-3 Summary of Membrane Equipment.....	19
Table 2-4 Reject Flowrates Associated with Different Membrane Recovery.....	21
Table 2-5 Pros and Cons of Membrane Filtration for PFAS Treatment.....	22
Table 3-1 Footprint Requirements.....	23
Table 4-1 Summary of Probable Costs	30
Table 4-2 GAC Capital Cost Estimate	31
Table 4-3 GAC Operational Cost Estimate.....	32
Table 4-4 Membrane Capital Cost Estimate.....	33
Table 4-5 Membrane Operational Cost Estimate.....	34
Table 5-1. Technology Decision Matrix	36

LIST OF FIGURES

Figure 2-1. GAC Particle	7
Figure 2-2. Lead-Lag Vessel Configuration Schematic.....	8
Figure 2-3. Installation of GAC Vessel	9
Figure 2-4. GAC Media Delivery	9
Figure 2-5. Adsorption (Granulated Activated Carbon) Process Flow Diagram	10
Figure 2-6. GAC Unit and Valve Arrangement.....	11
Figure 2-7. Spiral Wound Element Configuration for NF/RO Membranes (Source: NetSol Water).....	16
Figure 2-8. Membrane Filtration (RO or NF) Process Flow Diagram	17
Figure 2-9. Example Membrane Facility (1).....	19
Figure 2-10. Example Membrane Facility (2).....	20
Figure 3-1. Land Available in Northern Area of WTP (Includes Potential Use of Existing Garage)	24
Figure 3-2. Land Available in Southern Area of WTP	25
Figure 4-1 Net Present Value for PFAS Treatment Systems	30
Figure 4-2 GAC Operational Cost Components	32
Figure 4-3 Membrane Operational Cost Components	34

LIST OF APPENDICES

APPENDIX A.....	37
------------------------	-----------

EXECUTIVE SUMMARY

Since the original construction in 1988 Apple Valley's water treatment plant has served the City's residents well. Through multiple expansions, the plant continues to deliver compliant drinking. In order to continue this mission, Apple Valley is proactively seeking to address contaminants of emerging concern, specifically per and polyfluoroalkyl substances (PFAS). These are a group of synthetic chemicals that have raised health concerns due to their persistence in the environment and potential adverse health effects. Stantec was tasked with providing a detailed feasibility study to evaluate treatment options for PFAS to meet new drinking water quality standards. Through the course of the study, it was also identified that radium (Ra) required further treatment mitigation in the existing water plant.

The relatively universal prevalence of PFAS compounds combined with the pace at which regulation is being promulgated has resulted in limited mitigation strategies being available to reliably reduce PFAS in groundwater supplies. To date, the City has diligently employed raw water well blending strategies to gain compliance, however the capacity to "blend our way out of the problem" is reaching its end. The technologies currently available for PFAS removal can be placed into two categories: adsorption and membranes. Adsorption uses sorbent media (granular activated carbon or anion exchange resin) to attract and hold onto the PFAS compounds. The surfaces of these sorbent media eventually become saturated, and new media is needed. Membrane technology pushes contaminated water through small pore openings in a membrane cartridge at high pressure leaving a "clean" and "dirty" water stream. The clean side is used for drinking water and the elements retained on the dirty side are disposed of. A pilot study should be undertaken during design using Apple Valley water. For the purposes of this report, it is assumed that Metropolitan Council Environmental Services (MCES) will accept all waste streams.

This report focuses on identifying the most effective treatment technology to meet the City's objectives considering site constraints, capital and operational costs, treatment robustness, operational reliability, long term compliance for contaminants of emerging concern, component availability, and residuals disposal. It also provides detailed cost estimates for both treatment options. The total estimated construction cost for the adsorption system is approximately **\$109 million**, while the membrane system is estimated at **\$106 million**. Operation costs are also addressed.

The decision matrix included in the report indicates that while both technologies can achieve the required PFAS removal, the benefits of broad-spectrum contaminant removal paired with lower capital and operational costs tip the scale toward membrane technology. Another differentiating factor is that membrane technology can achieve partial softening of the water supply. A membrane technology solution, if implemented, will provide the city with long term regulatory resiliency as limits for known and emerging contaminants become more stringent. The feasibility study underscores the urgency for Apple Valley to implement a robust PFAS treatment strategy to ensure compliance with regulatory standards and protect public health.

1.0 PROJECT UNDERSTANDING

1.1 EXISTING WATER TREATMENT PLANT AND SYSTEM SUMMARY

The water treatment plant (WTP) was originally designed and constructed in 1988 to treat 12 million gallons per day (MGD). In 1997, a filter bypass line was added so a portion of the flow could be diverted around the iron and manganese (Fe/Mn) filter cells if usage was expected to exceed the design capacity. The bypass water was blended with the treated water prior to the chemical addition of chlorine and fluoride. By utilizing the bypass and increasing the backwashing frequency, it was possible to produce more than the originally designed 12 MGD. Under ideal circumstances, a maximum of 19 to 20 MGD was processed at the WTP. To ensure that the filter bypass water did not adversely impact the finished treated water quality, a maximum 20% bypass was recommended, limiting the total plant capacity to 16.25 MGD.

In 2015, an expansion and upgrade of the WTP was completed. The expansion added four filter cells and two backwash tanks increasing the total plant capacity to 24.4 MGD. The 24.4 MGD assumes the WTP is functional at 100% capacity with the twelve filter cells and utilizing the recommended 20% bypass capacity. The WTP capacity for treating water without bypassing is 18.25 MGD.

Currently, 16 of the City's 20 wells feed into the WTP. Water from the wells is initially treated with chlorine and sodium permanganate (NaMnO₄). These chemicals are used as oxidants to bring the iron and manganese out of suspension so they can be removed in the filter cells. The filter cells consist of approximately 30 inches of sand media, where the iron and manganese (no longer in suspension) are trapped within the media. The filtered water is then treated with chlorine and fluoride prior to flowing to the clearwell for storage until needed. From the clearwell, water flows by gravity to the pumping chamber and is pumped to the distribution system and reservoirs.

1.2 PFAS REGULATIONS

Per- and polyfluoroalkyl substances (PFAS) are a large, complex group of synthetic chemicals that have been used in consumer products around the world since the 1950s. There are thousands of different PFAS compounds, some of which have been more widely used and studied than others.

Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) are two of the most widely used and studied chemicals in the PFAS group. One common characteristic of PFAS chemicals is that many break down very slowly and can therefore build up over time in the environment (including ground water and surface water), and they can bioaccumulate in people and animals. Due to the vast number of PFAS compounds, their varying effects and toxicity levels, the complete health effects of exposure are not fully understood. However, many scientific studies have shown that exposure to some PFAS could be linked to harmful health effects.

In April of 2024 the United States Environmental Protection Agency (USEPA) announced final maximum contaminant levels (MCL) in drinking water for several PFAS compounds. The action by the USEPA provided clarity for Public Water Systems that have water sources with detectable PFAS. Table 1-1 summarizes the final rule.

Table 1-1 USEPA Maximum Contaminant Levels

Parameter	Maximum Contaminant Level Goal (MCLG)	Maximum Contaminant Level (MCL)
PFOA	0	4.0 ppt
PFOS	0	4.0 ppt
PFNA	10 ppt	10 ppt
PFHxS	10 ppt	10 ppt
GenX (HFPO-DA)	10 ppt	10 ppt
Mixture of 2 or more: GenX, PFBS, PFNA, PFHxS	Hazard Index (HI) of 1	HI of 1

More recently the Minnesota Department of Health (MDH) proposed that the Health Based Value for Perfluorohexane Sulfonate (PFHxS) will be revised downward from 45 ppt to 10 ppt to align with the finalized MCLs shown above. For compliance, the cumulative quotient of actual measured concentrations of 6 PFAS compounds that comprise the MN Health Risk Index (HRI) divided by the respective health based value (HBV) assigned to each compound cannot exceed the value of 1. Over time there have been several notifications from MDH indicating that the HBVs have been decreased which demonstrates that the regulatory climate surrounding PFAS may make the priority of providing compliant drinking water more challenging over time. The MDH HBVs for PFOA and PFOS in water are 0.0079 ppt and 2.3 ppt, respectively.

It is important to note that the proposed HRI issued by MDH is not a primary drinking water standard, therefore it does not represent an enforceable limit. A Notice of Violation (NOV) is required to be issued to the public to make them aware that the water supply exceeds health advisories. Therefore, the lack of compliance with the HRI poses a risk to the public perception regarding its water supply. The recent MDH announcement regarding HBV for PFOA, PFOS, and PFHxS impacts the compliance of several Apple Valley wells resulting in fewer options being available to the utility for delivering compliant water given that PFHxS is present in several wells. The announcements from USEPA and MDH in 2024 add credence to the expectation that Apple Valley will make good faith efforts to provide safe, reliable, and compliant drinking water in the near future.

1.3 DESIGN CRITERIA & RAW WATER QUALITY

One objective of the PFAS Removal Facility Report is to provide Apple Valley with a reasonable and responsible plan to achieve compliance with the USEPA MCL of 4 ppt for PFOS and PFOA as enforced in April 2024. Collectively the Apple Valley team and Stantec's team recognize the significance of USEPA action which set the threshold for the maximum contaminant level goal (MCLG) for PFOS and PFOA at 0 ppt. This is in step with other contaminants found to include carcinogenic endpoints.

During the early stages of the evaluation, the City anticipated implementing a blending strategy that included increasing the use of Wells 14 and 15 which draw from the deep Mt. Simon Hinckley aquifer which has not shown presence of PFAS to date. The deeper aquifer has historically contained another

APPLE VALLEY PFAS REMOVAL FACILITY

naturally occurring contaminant called radium. Two isotopes, 226 and 228, are of key concern as EPA has established an MCL of 5 pCi/l for the combination of 226 and 228. Well 14 and 15 were found to contain concentrations of 9.81 and 10.81 respectively. This led the team to request testing for radium at each of the 16 well sources. As a result, it was discovered that radium was present in each of the wells except Well 11. Overall, 9 of the 16 wells exceeded 5 pCi/l. In addition, 8 of the 16 wells exceed 4 ppt for PFOS or PFOA. This discovery renders a long term blending solution as very unlikely and suggests that modifications to existing treatment will be necessary to achieve compliance with EPA MCLs.

Table 1-2 presents the raw water quality data used as a basis for the preliminary membrane sizing. The water quality data was provided by the City for inclusion in this report. For well sampling data, refer to Appendix A.

Table 1-2 Existing Water Quality

Constituent	Unit	WTP Effluent Average	MCLG ²	MCLs ⁴
Ammonia as N	mg/L	0.10		
pH		7.23	6.5-8.5 ³	
Nitrate-nitrite as N	mg-N/L	0.26		
Nitrate as N	mg-NO ₃ /L	0.26		10
Nitrite as N	mg-NO ₂ /L	0.05		1
Chloride	mg/L	55.4	250 ³	250
Iron	ug/L	50.0	300 ³	
Manganese	ug/L	10.0	50 ³	
Magnesium	mg/L	31.5		
Calcium	mg/L	92.1		
Sulfate	mg/L	40.0	250 ³	
TOC	mg/L	0.84		
Alkalinity	mg/L	310		
Hardness	mg CaCO ₃ /L	458		
TDS	mg/L	429	500 ³	
Silica	mg/L	16.0		
Radium (226+228)	pCi/L	4.84	0	5
PFOA ¹	ppt	3.9	0	4
PFOS ¹	ppt	3.2	0	4
PFNA ¹	ppt	0	10	10
PFHxS ¹	ppt	2.8	10	10
GenX (HFPO-DA) ¹	ppt	0	10	10
Mixture of 2 or more: GenX, PFBS, PFNA, PFHxS ¹	Hazard Index (HI)	0	HI of 1	HI of 1

¹ Summary of sample data provided by Apple Valley. 2424 Q4 MDH testing.

² Maximum Contaminant Level Goals, National Primary Drinking Water Regulations (NPDWRs), US EPA

³ National Secondary Drinking Water Regulations (NSDWRs) US EPA. NSDWRs are non-enforceable guidelines regulating contaminants that may cause cosmetic effects or aesthetic effects in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply with the standard.

⁴ Maximum Contaminant Levels, National Primary Drinking Water Regulations (NPDWRs), US EPA

The target treated water flowrate used for equipment sizing in this study is **20 MGD**, based on the following:

- Existing WTP capacity of approximately 18.25 MGD using a filter loading rate of 2.0 gpm/sf.
- 2040 Apple Valley Comprehensive Plan: Projected maximum daily water demand for 2040 is 19.1 MGD (Table 9.13 of the Comprehensive Plan).

2.0 TREATMENT FOR PFAS MITIGATION

The objective of this section is to provide Apple Valley with an understanding of treatment technologies available to address PFAS in the community's source water. This section will provide information necessary for utility leaders to discuss and target a proactive response to PFAS.

The relatively universal prevalence of PFAS compounds combined with the speed at which regulations are being enacted has resulted in limited mitigation strategies being readily available to reliably reduce PFAS in groundwater supplies. The two primary treatment technologies can be categorized into the following:

- **Adsorption** onto various types of media currently represents the predominant mechanism for reduction of PFAS in the water industry. The primary sorbents for PFAS removal are granular activated carbon (GAC) and anion exchange resin (IX). This report will focus on GAC removal technology. GAC represents the most common treatment technology; however, it requires the most physical space, has a shorter media life compared to IX, and represents the highest cost for an adsorption system. IX resins offer both advantages and disadvantages compared to GAC. Specifically, they can treat more water in the same footprint but have more complicated operational and disposal requirements, and the media itself is more expensive. GAC will be used as the basis of adsorption technology as it represents the worst-case scenario.
- **High pressure membranes** offer high efficacy for removing PFAS compounds, as well as other constituents. The membrane technologies considered include reverse osmosis (RO) and nanofiltration (NF).

The use of both adsorption and membrane processes in parallel (i.e. some flow treated through GAC and some through membranes) has not been considered as part of this study. The benefit of this arrangement would be reduction in the need for remineralization of membrane treated water, and a combination of the benefits associated with each treatment technology. However, this option is expected to have higher costs as well as design and operational complexities (as each system requires different supporting components) and therefore has not been studied in detail.

The strategy to remove PFAS from only a portion of the flow and then blend with existing WTP effluent (treated for Fe/Mn) has not been assessed as part of this study. The benefit of bypassing some flow would be an overall reduction in PFAS treatment requirements (less equipment, lower operating costs)

and reduced chemical usage for remineralization. However, the PFOA and PFOS MCLG is 0 ppt, which cannot be achieved by blending with water untreated for PFAS. Based on the current influent PFAS levels and desired effluent PFAS concentrations, and additionally the uncertainty associated with future PFAS concentrations, we recommend designing to treat the entire treatment plant stream for PFAS. A partial blending operating scenario could be considered in future design stages or as a temporary measure.

Pilot testing these technologies with effluent from the Apple Valley WTP is essential before proceeding with implementation. The treatment effectiveness and need for supporting process (prefiltration, chemical dosing) is highly dependent on parameters specific to the feed water. Once a high-level treatment method is selected (purpose of this study), then pilot testing can be undertaken, e.g. between adsorption technologies or between membrane types, to select the most suitable and cost effective technology for this WTP.

The key discussion points in this section for each treatment technology include the technology background, process flow diagram, initial system sizing, operations and maintenance, waste, disposal, and environmental considerations, and a summary of technology advantages and disadvantages.

2.1 MODIFICATIONS TO EXISTING PROCESS

The existing WTP filters send water to the clearwell south of the plant. The high service pumps pull water from this clearwell through an exterior pipe into the pump chamber before the water is sent to two pressure zones. The PFAS treatment technology should be inserted into this process between the Fe/Mn filters and the high service pumps. By placing the technology at this point in the process flow, minimal changes would be needed to the high service pumps and finished water piping. Since there are two pressure zones being supplied, attempting to use the high service pumps to pump through PFAS treatment units directly to the system would be complicated and require additional equipment to provide ultimate redundancy of the system. Pumping from a new intermediate clearwell, through PFAS treatment, back to the existing finished water clearwell will provide the simplest and most cost effective process flow. Although there would be additional pumping costs for the intermediate pumps, the additional pumping (added head pressure through new PFAS treatment) would be needed no matter the pumping scenario.

The existing WTP capacity (without bypassing) is less than the proposed PFAS treatment capacity. In addition, increasing radium levels from the wells necessitate attention. The simplest and most cost-effective radium removal technique is to coprecipitate the radium with iron and manganese. **An expansion of the existing Fe/Mn process is needed.** It is anticipated that two additional filter cells (and ancillary components) will be needed to reach a 20 MGD nominal capacity.

Membrane processes create a reject waste stream, which for this application is expected to be in the order of 15% of the flowrate fed to the system (based on supplier information). This means in order to achieve 20 MGD treated effluent, the membrane process needs to be fed 23.5 MGD. Four total additional cells need to be added to the existing Fe/Mn plant to achieve the desired capacity. Details of an expansion of Fe/Mn filters are not included in this report, however a cost estimate for the needed expansions are included. General expansion locations for Fe/Mn filters are noted in the site layouts.

The need for prefiltration upstream of the PFAS removal system is dependent upon water quality. For the purposes of this study, effluent water quality from the existing Fe/Mn plant filters is expected to be suitable for treatment through adsorption process. For membrane processes, additional filtration through cartridge filters is assumed to be needed, based on conversations with suppliers. Note that in some membrane applications, pre-treatment through a looser membrane process (ultra-filtration) is required. Filtration processes are discussed further in the following process specific sections.

2.2 ADSORPTION – GRANULAR ACTIVATED CARBON (GAC)

Technology Background

GAC media is a natural product, derived from elementary carbon. The carbon has a large internal surface area that is designed to adsorb and remove pollutants. It is considered broad spectrum treatment for many contaminants found in groundwater. This includes volatile, synthetic, and naturally occurring organics, taste and odor compounds, radium, radon, and arsenic among others.

Adsorption of PFAS compounds onto GAC is achieved by leveraging the large surface area inherent with granules of GAC. The hydrophobic tail portion of PFAS molecules interact with GAC surfaces with a resultant physical attraction. Stronger interactions occur with longer chain PFAS compounds such as PFOS and PFOA. Shorter chain PFAS compounds such as PFBA, PFBS, and other two or three carbon chains substances can still be removed by GAC but require longer empty bed contact times (EBTC). A diagram of a GAC particle is shown (Figure 2-1).



Figure 2-1. GAC Particle

GAC media is a natural material and can potentially contain unwanted components, such as arsenic, which can then be inadvertently added to the water during treatment. To reduce the potential for unwanted components, GAC media can be acid washed at the production facility prior to delivery to site. Alternatively, components such as arsenic can be flushed off the media once it is installed, however this increases the amount of wash water being sent to the sanitary sewer from site.

The influent water quality for the GAC vessels can impact the overall treatment efficiency and lifespan of the media. High mineral content, specifically iron and manganese (Fe/Mn) can shorten the life of the media by blinding or clogging the bed. For this reason, if GAC is utilized, it is proposed that the GAC vessels be placed after the existing Fe/Mn gravity sand filters at the existing WTP. It is not anticipated that additional pre-filters (cartridge type) will be needed, however, pre-filters can be added as an additional level of safety ahead of the vessels if the City desires (with associated costs and maintenance requirements). By continuing to use the plant in its current configuration to pretreat the water, the life of the GAC media will be extended. This will also continue to provide quality water to the residents with the added benefit of PFAS treatment.

The GAC contactors are typically 10 to 12 foot diameter, vertically oriented, steel pressure vessels. Heights range from 12 to greater than 24 feet. The vessels are typically painted carbon steel. It can be

APPLE VALLEY PFAS REMOVAL FACILITY

expected that maintenance of the protective paint coatings will need to take place at 20-year intervals. Provisions for removing vessels from the building in the future need to be considered, especially given the potential for variables in the PFAS treatment market that could prompt a decision to switch to a new technology.

PFAS treatment for drinking water using GAC media is typically designed with contactors in a lead/lag configuration. The lead/lag terminology means that raw water flows in series through the vessels, first through the lead then through the lag, building in redundancy and safety to the system. A valve tree with multiple valves and headers is placed between the vessels and allows the lead/lag configuration to be reversed and accommodate backwashing and flushing of the vessels during media placement.

The effluent from the lead vessel is sampled regularly to monitor concentrations of PFAS. If PFAS concentrations rise to a predetermined threshold the operator coordinates the exchange of media in the lead vessel. Excess PFAS in the effluent stream from the lead vessel will be captured by the lag vessel. Upon completing the exchange of media in the lead vessel, the valving is reversed such that the lag vessel becomes lead, and the newly exchanged vessel becomes the lag. Refer to Figure 2-2 below for an illustration of lead-lag flow. By conducting treatment in this manner, the utility can maximize the capacity of each vessel's media over time while ensuring redundancy and compliance with water quality standards.

GAC 3D FLOW DIAGRAM

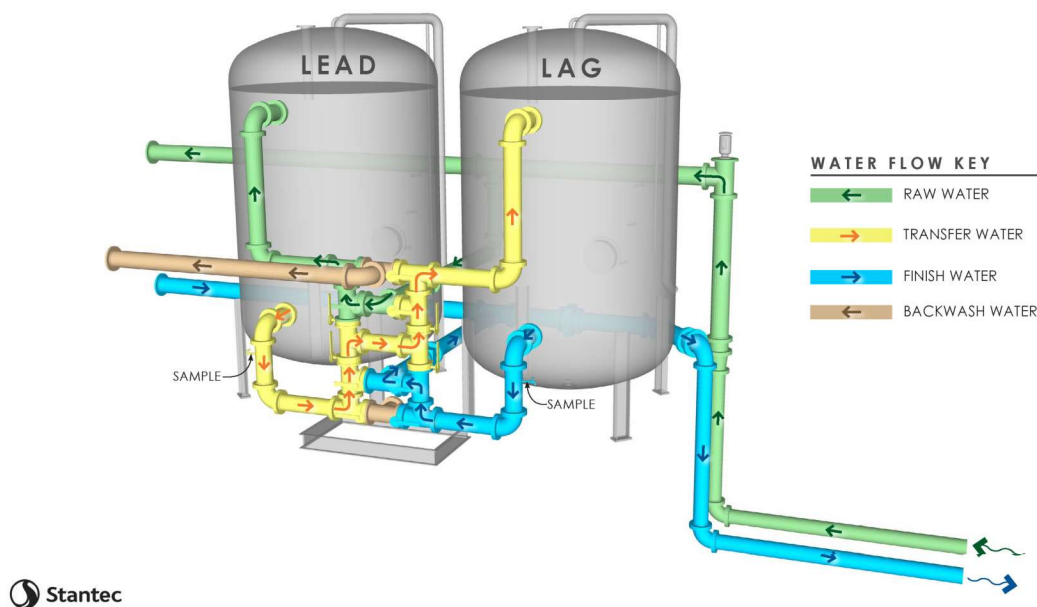


Figure 2-2. Lead-Lag Vessel Configuration Schematic

APPLE VALLEY PFAS REMOVAL FACILITY



Figure 2-3. Installation of GAC Vessel



Figure 2-4. GAC Media Delivery

APPLE VALLEY PFAS REMOVAL FACILITY

For start-up and media replacement, dry GAC is loaded into a disinfected tanker at the manufacturing facility and driven to the site. Once at the site, water is mixed with the GAC to create a slurry and is conveyed into the tanks. After installation, backwashing is required to remove GAC fines and stratify the media. Provisions for holding the large quantity of backwashing water need to be considered. Arsenic testing should be completed after backwashing. If arsenic is present, additional flushing of the GAC is needed before it can be brought online.

Once online, GAC media is low maintenance. It requires flushing every few days if the system is not online to prevent bacteria growth. Periodic PFAS testing should be done to determine where the mass transfer zone, or location the PFAS has reached, is located within the vessel.

Once PFAS breakthrough, or complete media usage, is detected at the lead vessel, replacement media should be ordered for that vessel alone. The lag vessel still protects the public from PFAS while the replacement takes place. Accommodations to allow for replacement when the plant is online and other vessels are treating water must be included in the design. Staggering of the initial GAC placement should be considered, to avoid having to replace all the vessels at once.

Process Flow Diagram

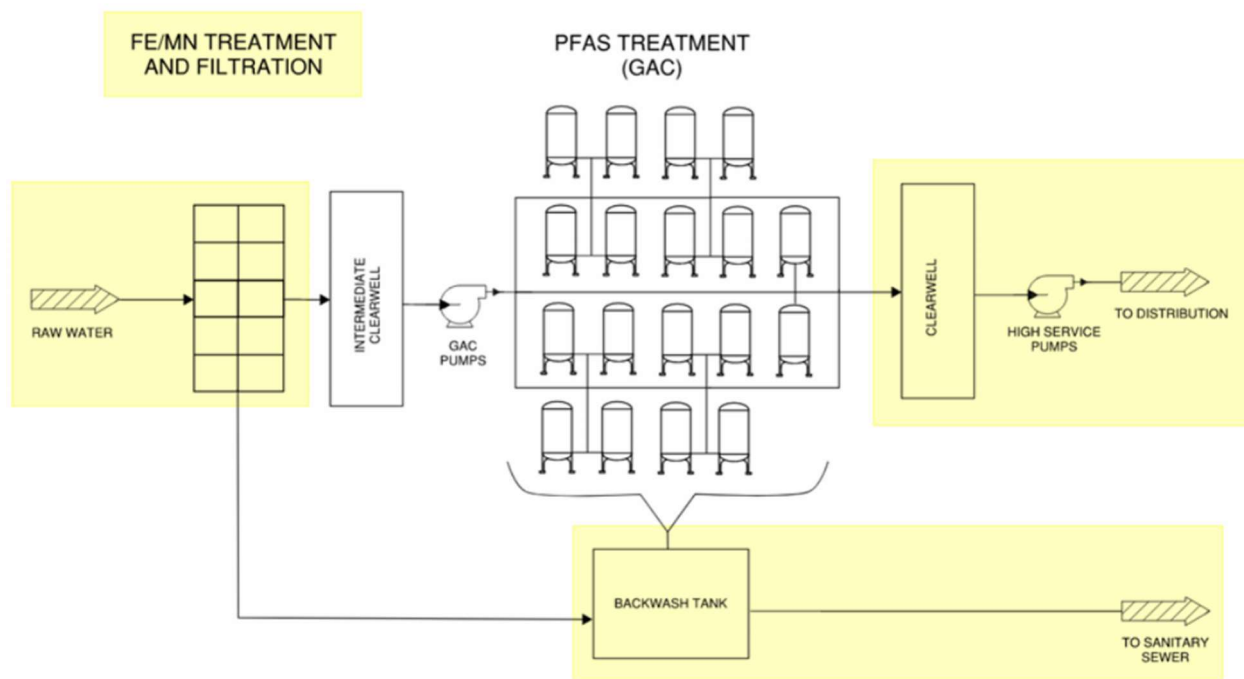


Figure 2-5. Adsorption (Granulated Activated Carbon) Process Flow Diagram

From a process flow perspective, the GAC PFAS treatment would be inserted between the existing Fe/Mn filters and the existing clearwell, as shown in Figure 2-5 (yellow highlighting denotes the existing water plant). The exact location of the equipment will be discussed later in the report. The water from Fe/Mn treatment will break to atmosphere at the intermediate clearwell. This clearwell could be a new facility,

APPLE VALLEY PFAS REMOVAL FACILITY

part of the existing clearwell, or a repurposed backwash tank. Following the intermediate clearwell, water would be pumped through GAC and break to atmosphere in the existing clearwell. From here, the process follows the existing configuration to the high service pumps.

A connection to the backwash tanks will be important to allow for a “surge” tank for backwash wastes that are generated during media installation, as the flow rates and volumes are high. This backwash waste can then be slowly directed to the sanitary sewer.

Initial System Sizing

To optimize the treatment capacity and footprint of the GAC vessels, 12 foot diameter vessels would be needed. A typical vessel pair with valve tree is approximately 30 feet wide by 15 feet deep. The vessels are approximately 24 feet tall. When the influent, effluent, backwash supply, and backwash waste piping is included, along with access corridors, each vessel pair occupies an approximate 35 foot wide by 30-foot deep area.



Figure 2-6. GAC Unit and Valve Arrangement

Each 12 foot diameter vessel pair can treat up to 1,050 GPM. For the purposes of this study, an extra vessel pair (duty+1 standby pair) has been allowed for. This is to account for one pair being offline for maintenance or new carbon placement. Given the large number of vessels needed, providing vessels to account for duty+2 could be considered if space allows.

APPLE VALLEY PFAS REMOVAL FACILITY

Given the design basis of 20 MGD, 15 GAC vessel pairs are proposed ($13,900 \text{ GPM} / 1,050 \text{ gpm} = 13.2$ vessels; rounding and duty+1 = 15 vessel pairs).

There would be no changes to the exiting plant's chemical feed system by employing a GAC treatment configuration.

It is assumed that 8 new intermediate pumps (2,000 gpm) will be needed to pump through the GAC vessels (seven duty, one standby).

Table 2-1 below outlines a high level summary of equipment required for a GAC treatment system.

Table 2-1 Summary of GAC Equipment

Equipment	Capacity	Notes
Intermediate Clearwell	To be determined	Holding tank for Fe/Mn treated water to be sent to GAC
GAC Feed Pumps	2,000 GPM	Assume 7 duty, 1 standby
GAC vessels	1,050 GPM per pair 15 vessel pairs total (30 vessels)	12 ft diameter vessels 35 x 30 ft area required per vessel pair (including piping) - Firm capacity of 20 MGD provided, with one standby vessel pair for use during media changeout (n+1)
Flushing Equalization Tank	500,000 gallons	Estimate to attenuate flushing volumes

Operations and Maintenance

Typical GAC media lifespan ranges between 1 to 4 years, depending on the concentrations of PFAS, the type of PFAS compound being treated, other water constituents (iron, manganese, etc.), and the system flow rate. A pilot study using representative Apple Valley Fe/Mn treated water would need to be conducted to determine a better estimate for media life. The individual supplier of GAC media can impact lifespan as well. In other installations, certain media suppliers have shown longer run times, however the initial cost of this media was larger. A cost benefit analysis of different GAC media types could be considered as part of pilot testing. Based on current pricing, GAC media is between \$3.00 and \$5.00 per pound. Disposal costs are variable. A typical 12 foot diameter by 24 foot tall vessel has 40,000 pounds of carbon. Including ancillary costs such as testing, it can be assumed that in today's dollars, a lead vessel carbon changeout could be up to approximately \$250,000 each. A more detailed outline of media O&M costs is outlined later in this report.

GAC is currently the most common sorbent utilized by municipal and industrial contaminant removal systems. As more GAC is consumed, especially as PFAS contamination becomes more prevalent, the supply and costs could become more volatile.

No additional chemical costs are anticipated with GAC PFAS treatment.

The painted carbon steel GAC vessels will need maintenance over their lifespan. It can be assumed that yearly touch-up painting will be needed on vessels and piping components to address small surface corrosion areas, similar to what is done at the existing WTP. Inspections of the vessels should be

APPLE VALLEY PFAS REMOVAL FACILITY

completed at media changeouts to assess the interior coating and check for corrosion issues. It can be assumed that an interior vessel blast and repaint should be completed at 20 years of service extending the vessel life an additional 20 years. 40 years should be considered the vessel lifespan.

Operation of a GAC system of this size is anticipated to require one additional staff on a normal basis, with support from other WTP staff during large maintenance operations such as media changeouts. The Recommended Standards for Water Works (Minnesota Government Publications, 2022) notes additional staffing may be required for PFAS treatment systems but does not provide further information based on technology type or plant size. Staffing levels would likely need to be confirmed with MDH.

Waste, Disposal, and Environmental Considerations

Because GAC is an adsorption technology, the PFAS compounds become attached to the GAC particle. Once the capacity of the media to adsorb PFAS is used up, a changeout with new media is required. The old media is loaded into a truck, dewatered, and brought back to the manufacturing facility. GAC particles can be reactivated at high heat. According to manufacturer's published research, this reactivation process vaporizes and destroys the PFAS compounds on the GAC and prepares the media to be used again.

Currently, virgin media is required for drinking water facilities in Minnesota. The reactivated carbon from a drinking water facility can be used at industrial facilities that have less stringent standards. The chain of custody for the exhausted media is established when sending the media to a third party for reactivation. The current understanding is that once material is reutilized for industrial purposes, the chain of custody for that use does not include the utility that sent the material to the reactivation center. However, there is continued concern that the determination of liability could change in the future.

Spent GAC material can be landfilled; however, this would be the least sustainable option for disposal.

Summary of Technology Advantages and Disadvantages

The pros and cons of PFAS treatment using GAC adsorption are summarized in Table 2-2.

Table 2-2 Pros and Cons of GAC Adsorption for PFAS Treatment

Pros	Cons
Long history of use for PFAS treatment with multiple GAC manufacturers	Requires labor time for periodic media changeouts/backwashing
Adequate removal of PFAS and other additional organic contaminants.	Risk of potential cost spikes due to media shortage and rapidly increasing demand
System is resilient to variable process flow rates, allowing for more operational flexibility	Need to flush media before use which results in demand for labor and coordination time
	Concerns about chain of custody for PFAS laden media during transport and future liability concerns at disposal facilities

2.3 MEMBRANE FILTRATION (REVERSE OSMOSIS OR NANOFILTRATION)

Technology Background

Reverse osmosis (RO) and nanofiltration (NF) membranes are pressure-driven membrane processes which utilize semipermeable membranes to primarily target the removal of dissolved contaminants via a diffusion-controlled separation process. RO membrane pore sizes typically range from 0.1 to 1 nanometer (nm), while NF membrane pore sizes range from 1 to 10 nm. Due to the larger pore size, NF membranes require lower operating feed pressure and can operate at higher flux rate (hence have lower energy costs relative to RO) but also have reduced rejection characteristics. **For the purposes of this discussion, RO and NF are considered the same (referred to as ‘membranes’), as the ultimate objective of treatment is obtaining PFAS removal to achieve non-detection in the finished water.**

Membrane systems have been demonstrated to achieve non-detect PFAS in the finished water. It is recommended to pilot test different types of membranes to determine the most suitable for use specifically with the City’s water. The major vendors produce membranes with different materials and can present peer reviewed research to demonstrate that their membranes will produce non-detect PFAS.

Because membranes will remove particulate matter (present as turbidity) in the raw water feed, these membranes will also foul rapidly when subjected to significant particulate loading. The existing sand filters are expected to provide Fe/Mn removal; however, filtration will be required upstream of the membranes, by using cartridge filters, to provide additional protection to the membranes.

Membrane treatment processes produce waste collectively referred to as membrane concentrate or reject water. The water that passes through the membrane (permeate) contains fewer dissolved solids than does water entering the system (the feed solution), as these ions have been concentrated in the membrane concentrate. The concentrate stream represents the colloidal, particulate matter as well as dissolved minerals present in the feed solution that are prevented from permeation across the membrane structure. Typical concentrate volumes are around 20-30% of the feed solution. To reduce the overall volume of the concentrate, this stream can be fed to a second membrane unit (i.e. in series), further concentrating the rejected particles. As PFAS destructive technologies improve and become more cost effective, they could be implemented on the concentrate stream. Basic assumptions for future space accommodations have been identified in the site layouts. It is possible that during design, additional discussions and time may be needed to evaluate specific destructive technologies for the membrane reject stream.

The two primary materials used to manufacture membranes are cellulose acetate (and its derivatives) and various polyamides used in thin-film composite membrane construction. Although the membranes are manufactured in several physical configurations (including capillary), the spiral-wound configuration (see Figure 2-7) is commonly used in municipal drinking water treatment applications.

Due to the removal of minerals and associated reduction in alkalinity, membrane treated water becomes more acidic, making the finished water produced more corrosive. Remineralization, or in some cases pH

APPLE VALLEY PFAS REMOVAL FACILITY

adjustment, of membrane treated water following membrane treatment can be used to prevent this corrosive nature. In this situation, full scale remineralization techniques must include addition of minerals (lime and soda ash) or blending of untreated water. For the reasons discussed at the beginning of this report, blending of pretreated water (post Fe/Mn filter, still containing PFAS) is not considered as part of this proposal. Opportunities exist in the future to blend a side stream of water that has been through a PFAS destructive technology (either raw water or membrane concentrate). This strategy would reduce waste loading. For this study, remineralization using a combination of lime and soda ash addition after membrane treatment is included.

One key aspect of remineralization is to ensure the proper alkalinity. Alkalinity refers to the capacity of water to resist acidification. It is essentially a measure of the water's ability to neutralize acids and maintain a stable pH level. This property is primarily due to the presence of bicarbonates, carbonates, and hydroxides in the water. In simpler terms, alkalinity acts as a buffer, helping to keep the water's pH from changing too quickly when acids are introduced. As discussed above, the treatment of water through RO and NF membranes removes a large percentage of these bicarbonates, carbonates and hydroxides. Adequate concentrations of these anions must be added back to the water after treatment to ensure the alkalinity of the water is preserved.

To achieve the addition of these anions, soda ash and lime are proposed. Soda ash, or sodium carbonate, adds the bicarbonate and carbonate ions, while the lime adds the required hydroxide ions. Soda ash and lime are inexpensive, relatively stable, and easy to handle salts that are readily available in commercial markets.

Prepackaged systems including storage silos are proposed. For soda ash the silo will have a gravimetric feeder that will measure the soda ash powder and feed it into a batching tank where it is dissolved with water and then the solution is pumped into the finished water stream.

For lime there are two common systems, hydrated lime (pre-slacked lime) or quick lime. Hydrated lime and quicklime are both calcium compounds with distinct chemical compositions but similar uses. Quicklime, or calcium oxide (CaO), is produced by heating limestone to drive off carbon dioxide, making it highly reactive, especially with water. Hydrated lime, or calcium hydroxide (Ca(OH)_2), is created by adding water to quicklime, a process known as slaking. It is less reactive and safer to handle than quicklime. It is also commonly used in water treatment, soil stabilization, and construction materials like mortar and plaster. Physically, quicklime is a white, caustic, crystalline solid, while hydrated lime is a more stable, less caustic white powder.

Hydrated lime has a much higher bulk density, therefore more storage volume is needed in the silo. Quick lime has a much lower bulk density thereby requiring less storage volume. Hydrated lime can be dissolved in water with similar equipment to soda ash. However, if quick lime is used, a lime slacker must be used to create a lime slurry that is then pumped into the finished water. During the pilot testing phase, the finished water quality will need to be tested to determine the doses of lime and soda ash needed. Based on the dose needed the economics will be further evaluated to determine if hydrated lime or quick lime is more cost efficient. Based on the proposals received from Chemco, there is no significant difference in cost between the equipment needed for both chemicals.

APPLE VALLEY PFAS REMOVAL FACILITY

If membrane is selected as the chosen method, a process for pilot testing and pre-procuring of the equipment would be recommended.

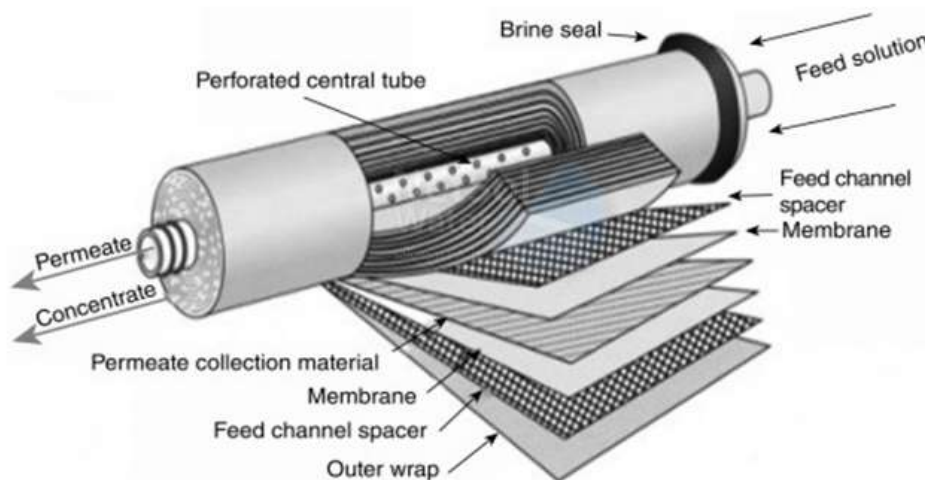


Figure 2-7. Spiral Wound Element Configuration for NF/RO Membranes (Source: NetSol Water)

The key components of a membrane filtration system are:

- cartridge filters ahead of the membrane process (pre-filtration step)
- booster pumps to meet pressure requirements
- membrane modules
- sample station
- monitoring instrumentation (e.g. turbidity, pressure)
- clean-in-place (CIP) system
- remineralization system for permeate stream to increase pH and hardness prior to use

The membrane treatment process consists of the following modes:

1. Filtration - The filtration process typically runs for 20 – 60 minutes (until a backwash is required). Produces permeate and concentrate streams.
2. Backwash - Backwashing occurs many times per day (triggered by differential pressure across membrane or timer) and reduces solids build up on the membrane surface. Produces a backwash waste stream.
3. Maintenance clean in place (CIP) - uses chemicals and heat to remove foulant buildup on the membrane surface. This process occurs approximately once every 2 weeks to once a quarter – the CIP frequency is ultimately governed by the scaling potential of the feed water. Produces a waste stream.
4. Integrity testing - The condition of the membranes is monitored by an automatic process called integrity testing. During integrity testing, the module is 'removed' from service and subject to

APPLE VALLEY PFAS REMOVAL FACILITY

compressed air pressure decay testing. Defects in the membrane, such as leaks or breaks, can be readily identified by measuring the air pressure decay.

Process Flow Diagram

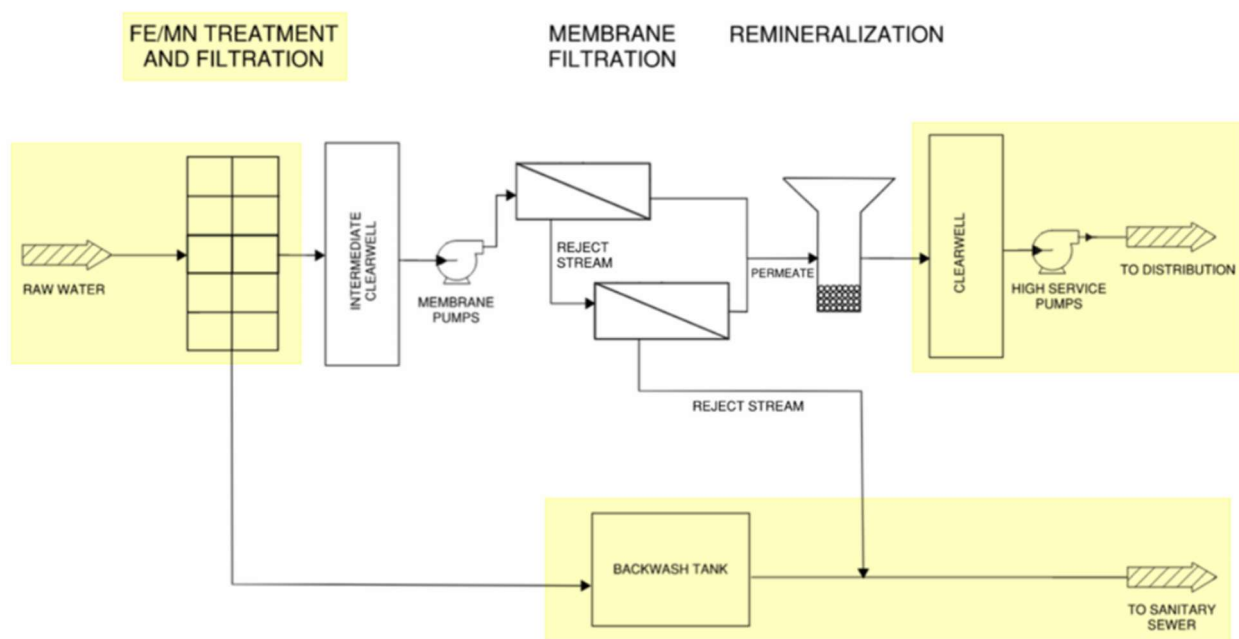


Figure 2-8. Membrane Filtration (RO or NF) Process Flow Diagram

From a process flow perspective, the membrane PFAS treatment could be inserted between the existing Fe/Mn filters and the existing clearwell, as shown in Figure 2-8 (yellow highlighting denotes the existing water plant). The exact location of the equipment will be discussed later in the report. The water from Fe/Mn treatment will break to atmosphere at the intermediate clearwell. This clearwell could be a new facility, part of the existing clearwell, or a repurposed backwash tank. From there it is pumped through the membranes and remineralization and breaks to atmosphere in the existing clearwell. From here, the process follows the existing configuration to the high service pumps.

A connection to the site sanitary sewer will be needed for the membrane reject water. Verbal discussions with MCES have indicated that an approximate 1 MGD of additional sanitary sewer capacity is available.

Initial System Sizing

Factors that impact the treated water quality include membrane recovery, membrane age, water temperature and overall water chemistry. Membrane systems come in packaged “skids”. The size and configuration of the skid can vary from manufacturer to manufacturer, but generally they come in standard flow rate increments and include the membranes and piping. The skids can be stacked depending on the configuration chosen to help minimize floor space needs, but for the purpose of this study, the skids are not stacked. The proposed skids have a nominal capacity of 2 MGD.

APPLE VALLEY PFAS REMOVAL FACILITY

Multiple vendors reviewed the Apple Valley water quality and system requirements to optimize a membrane layout. Stantec solicited information from DesaliTec™ (a Dupont Company), WesTech, and Veolia. These are global leaders in providing membrane solutions for treatment of water for a range of contaminants. DesaliTec™ and Veolia have proposed a Closed-Circuit Reverse Osmosis (CCRO) type system, which is a Dynamic Single stage type system. WesTech has proposed the more traditional, multistage, static system.

A traditional RO system works by forcing water through a semi-permeable membrane at high pressure. Traditional RO systems typically operate in a multi-stage configuration, where the water makes passes through several membranes in sequence to achieve higher recovery rates. However, this setup can be complex and less efficient, as it requires balancing the flow and pressure across multiple stages, often resulting in significant water waste and energy consumption.

In contrast, a CCRO system operates in a more flexible and efficient manner. Instead of a sequential multi-stage setup, CCRO uses a single loop of reverse osmosis filtration that processes water in batches. The system continuously recirculates the concentrate back to the membrane feed, gradually increasing the recovery rate with each cycle. This design allows for higher recovery rates (up to 98%) and reduces water waste significantly.

WesTech with their more traditional system are currently guaranteeing up to 70% recovery. WesTech additionally proposed a CrossTec CCRO system to further recover the reject water essentially bringing two different operational setups of the same technology into the facility. DesaliTec™ and Veolia are currently guaranteeing up to 90% recovery. Vendors are requesting more detailed water quality data and are strongly recommending piloting to guarantee higher recovery rates.

Based on Stantec's extensive experience in designing treatment plants with such processes, we also recommend conducting pilot scale studies prior to detailed design. This allows us to understand what the true capacity of each proposed skid (as defined above) will be, what the finished water quality will be, and more importantly gauge the PFAS removal capabilities of the membrane system. The ultimate recovery rate is dependent on the scaling potential of the water, and this can be tested only through pilot testing. Additional benefits of the pilot include allowing operators to observe and work on the pilot system and provide Stantec with valuable input on the City's preferred requirements that will help Stantec come up with a design that works well for the City and plant staff. Piloting will also help to quantify chemical usage and power consumption. Based on the scaling potential of the water, the vendors themselves will pilot the system with different chemical doses upstream and downstream of the membranes and arrive at the most optimum and balanced chemical dose vs recovery rate. Their adjustments will be well documented in a detailed post pilot report with their recommendations for layouts and operational strategies. Stantec will thoroughly review this report and recommend optimizations as we see fit to ensure the City's objectives are met.

Because of the concentrate or reject water from a membrane system, additional pretreated water will be needed above the nominal 20 MGD PFAS plant capacity (assumptions have been made above) to meet the production of treated water.

For a high level summary of equipment required for a membrane treatment system, refer to Table 2-3.

APPLE VALLEY PFAS REMOVAL FACILITY

Table 2-3 Summary of Membrane Equipment

Equipment	Capacity	Notes
Intermediate Clearwell	To be determined	Holding tank for Fe/Mn treated water to be sent to membranes
Low-Pressure Feed Pumps	3,500 gpm	Assumed 4
Membrane Units	2 MGD per skid 11 skid units total	13 x 30 ft per skid - Firm capacity of 20 MGD provided, with one standby unit for use during CIP cycle or maintenance (n+1) - Vendor supply would likely include 11 high pressure membrane feed booster pumps (one dedicated per skid)
CIP System		Duty/Standby System. Redundancy provided will meet or exceed 10-states standards prescribed for such systems
Remineralization System		Currently soda ash and lime are assumed. Based on the finished water quality received at the piloting stage, further determination can be made if just lime system can be used.
Equalization Tank	420,000 gallons	Estimated 0.5h retention time
Concentrate Equalization Tank	8,500 gallons	Estimated 1h retention time



Figure 2-9. Example Membrane Facility (1)



Figure 2-10. Example Membrane Facility (2)

Operations and Maintenance

There are ongoing chemical costs associated with a membrane system. Chemical feed systems anticipated would be an antiscalant, sodium bisulfate (dichlorination if chlorine added upstream), sodium hydroxide (post pH adjustment) and CIP chemicals (high pH clean, low pH clean).

The site will need to accommodate chemical delivery vehicles. The frequency of this is to be confirmed but could be 1-2 times per week. Piloting will help provide a clear picture on the scaling potential of the water and the frequency of the CIP along with estimated chemical quantities that will better dictate storage requirements. Storage requirements are also dictated by chemical shelf life.

- Membrane replacement frequency and cost will depend on the frequency of replacements needed, which is dictated by the scaling potential of the water.
- Pumping costs will depend on pressure requirements to meet the treatment objectives. Piloting will provide further insights.
- In addition to the low pressure membrane feed pumps, a booster pump (300 to 350 hp) is needed for each membrane skid. These low pressure pumps will feed the Fe/Mn free water from an intermediate tank to the skid. The low pressure pumps can be designed as medium pressure pumps and the booster pumps on skid can be made smaller to optimize energy use. Detailed analysis will be performed during design.

APPLE VALLEY PFAS REMOVAL FACILITY

Operation of a membrane system of this size is anticipated to require two additional staff on a normal basis, with support from existing WTP staff during large maintenance operations. The Recommended Standards for Water Works (Minnesota Government Publications, 2022) notes additional staffing may be required for PFAS treatment systems but does not provide further information based on technology type or plant size. Staffing levels would likely need to be confirmed with MDH.

Waste, Disposal, and Environmental Considerations

Depending on the selected membrane treatment process supplier, the following waste streams could be produced:

- Concentrate/Reject - The concentrate stream is the water discharged continuously when permeate is being produced.
- Purge flows – Waste produced at various stages of the process, such as disposal of stagnant water which has been sitting in an out of service membrane, occasional scouring of membranes at fast flows, or flushing following a chemical clean.
- CIP clean - This operation is estimated to occur quarterly. The membranes are cleaned with an acid or base by recirculating water between the CIP tank and the membranes. When complete, the CIP water is neutralized before being discharged.

Contaminant concentrations are higher in these waste streams than in source water. For the purposes of this study, Apple Valley is assuming that the Metropolitan Council of Environmental Services (MCES) will accept these membrane waste streams. **However, it is important to note that PFAS concentrations in the waste stream will be elevated, and those may pose disposal challenges in the future.** General space allowances on the site should be made for destructive treatment of the concentrate stream prior to discharge, however detailed analysis and costs have not been provided.

Table 2-4 provides a reference of the reject flowrate for available membrane configurations, based on achieving 20 MGD of permeate. Final reject flow rates will depend on the system configuration selected and can be confirmed via pilot testing.

Table 2-4 Reject Flowrates Associated with Different Membrane Recovery

Membrane Recovery Rate	Equivalent Reject Flowrate, MGD
85%	3.53
90%	2.22
95%	1.05

Summary of Technology Advantages and Disadvantages

The pros and cons of PFAS treatment using membrane filtration are summarized in Table 2-5.

Table 2-5 Pros and Cons of Membrane Filtration for PFAS Treatment

Pros	Cons
Highly effective removal of PFAS	More labor-intensive maintenance compared to GAC
Effectively removes contaminants of emerging concern and other undesirable constituents (including softening the water)	Reject stream may present future disposal challenges Space may be needed for reject treatment
Ability to stack units (over two floors) to minimize footprint	Additional membrane feed water needed from existing plant because of reject stream Remineralization (chemical addition after membrane) required to prevent corrosive water

3.0 APPLE VALLEY SITE EVALUATION

3.1 EXPANSION NEEDS

Table 3-1 presents the estimated footprint requirement for the various process buildings and operational spaces required on the site.

Table 3-1 Footprint Requirements

Process	Estimated Area Required, ft ²	Comments
GAC Treatment	28,500	Building envelope consists of precast wall panels with membrane roof
Membrane Treatment	27,000	Building envelope consists of precast wall panels with membrane roof
Expansion of Fe/Mn Plant	4,000	Existing plant Fe/Mn expansion to increase pretreated capacity
Intermediate Clearwell	5,600	Locate under PFAS treatment building
Generator/Transformer	2,000	Currently in WTP building, larger required due to higher power demand
Utility Maintenance Garage	14,000	Existing on site, but relocation may be required depending on selected layout
Salt Storage Shed/Bulk Aggregate Storage	47,000	Existing on site, but relocation may be required depending on selected layout
Sanitary Sewer Dump Station		Dependent on roadway configuration Existing on site, but relocation may be required depending on selected layout
Provision for Future Destructive Technology		Not included in the scope of this study, however provision has been included in the site layout as this may be required in the future.

3.2 SITE CONSTRAINTS AND AVAILABLE AREAS

It is anticipated that the proposed PFAS treatment facility will be constructed on the existing Apple Valley WTP site. The site is generally constrained by existing buildings, roads, and a petroleum pipeline. This section discusses the areas available across the site, including north and south of the existing WTP.

There is a high-pressure petroleum pipeline easement running north to south through the site. An allowance of 30 ft beyond the easement has been assumed for constructability and safe backslope (to be confirmed at a later stage of design).

It is understood that the existing access from Flagstaff Ave to the northern area of the site should maintain its current configuration.

APPLE VALLEY PFAS REMOVAL FACILITY

The general area available for siting the main PFAS treatment process in the northern part of the WTP site is indicated in Figure 3-1. The area north of the WTP is available for expansion (in the location of the existing Storage Building 1, labelled Police/Warm Storage in Figure 3-1). In addition, the WTP garage (white roofed building on the north side of the WTP building) could be repurposed for PFAS treatment.

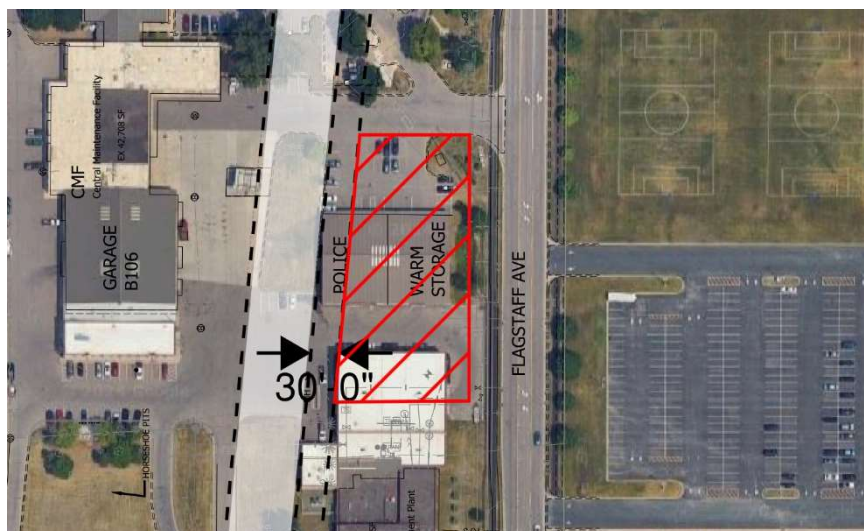


Figure 3-1. Land Available in Northern Area of WTP (Includes Potential Use of Existing Garage)

Siting the main PFAS treatment process in this area includes intercepting the existing treatment train downstream of the Fe/Mn filters (prior to the existing clearwell). Water conveyance in the paved portion of Flagstaff Avenue to the new PFAS treatment may be considered to avoid the petroleum pipeline and the congested area on the west side of Flagstaff Ave (already full of water and sewer pipes).

The space available in this area of the site is constrained due to the driveway on the north, the existing WTP garage on the south, the petroleum pipeline easement on the west, and utility piping along the eastern and northern sides of the existing WTP garage. Selection of this site may involve partial demolition of the existing WTP garage, particularly if GAC is implemented, as there is not sufficient height available in the building.

This side would be a benefit since it would be contiguous with the current facility. Other beneficial aspects of this area include the ability to utilize some of the existing garage area for new equipment such as PFAS treatment feed pumps, and electrical items. This alternative leaves the southern area of the site open for the relocation of the utility maintenance garage or clearwell expansion. It could also be used to site PFAS destruction technology at a later stage, or another treatment technology as future requirements dictate.

The general area available for siting the main PFAS treatment process in the southern part of the site is indicated in Figure 3-2, south of the existing clearwell, including the salt barn area. A new salt storage building and location would need to be found.



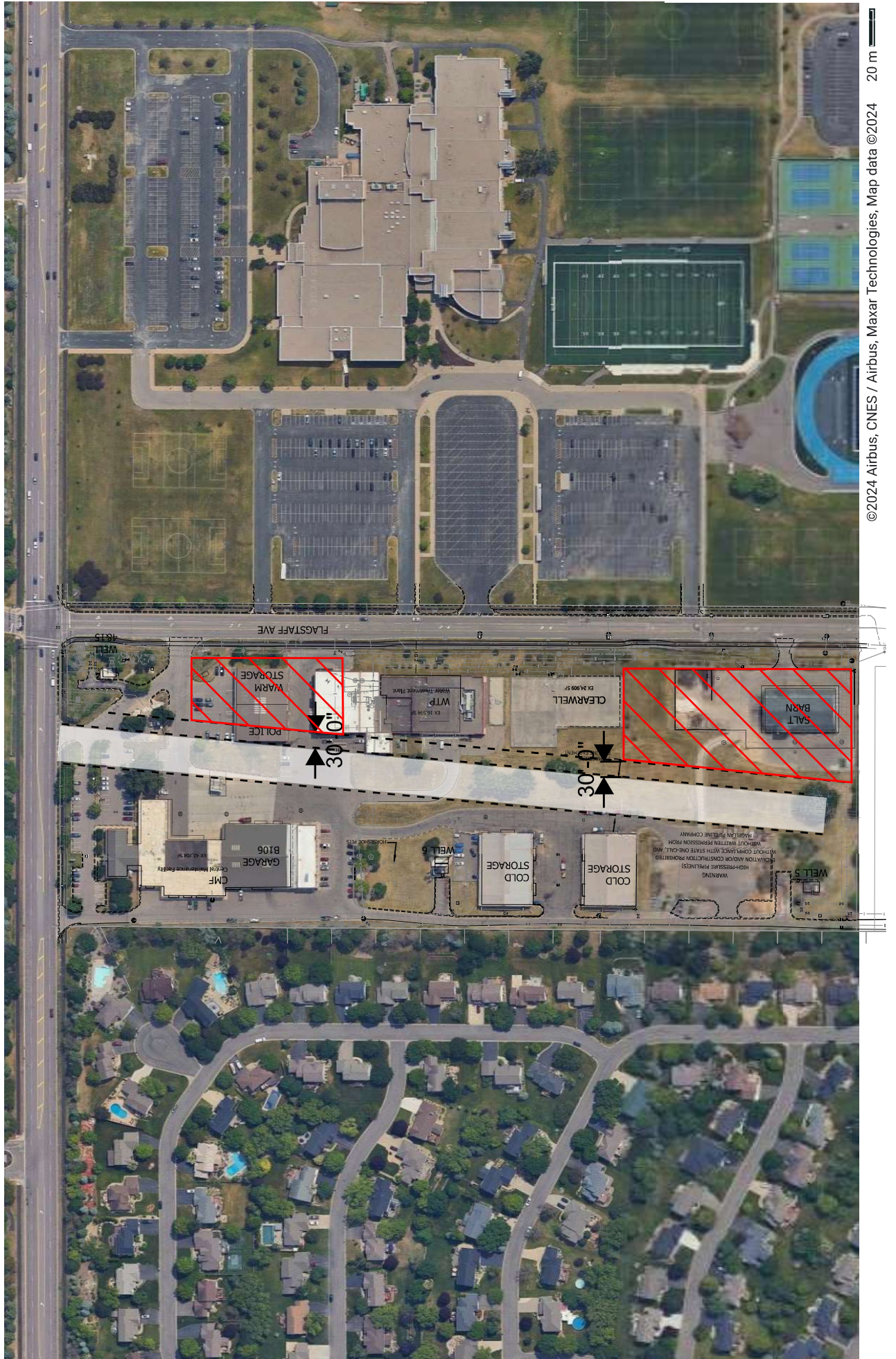
This area has a larger overall footprint available compared to the northern area, however it is also constrained by the existing petroleum pipeline on the west and existing utility piping on the east.

Expansion of the existing or addition of a new site access off Flagstaff Ave would possibly be required for this area, due to the size of delivery vehicles for both GAC (media replacement) and membranes (chemical deliveries).

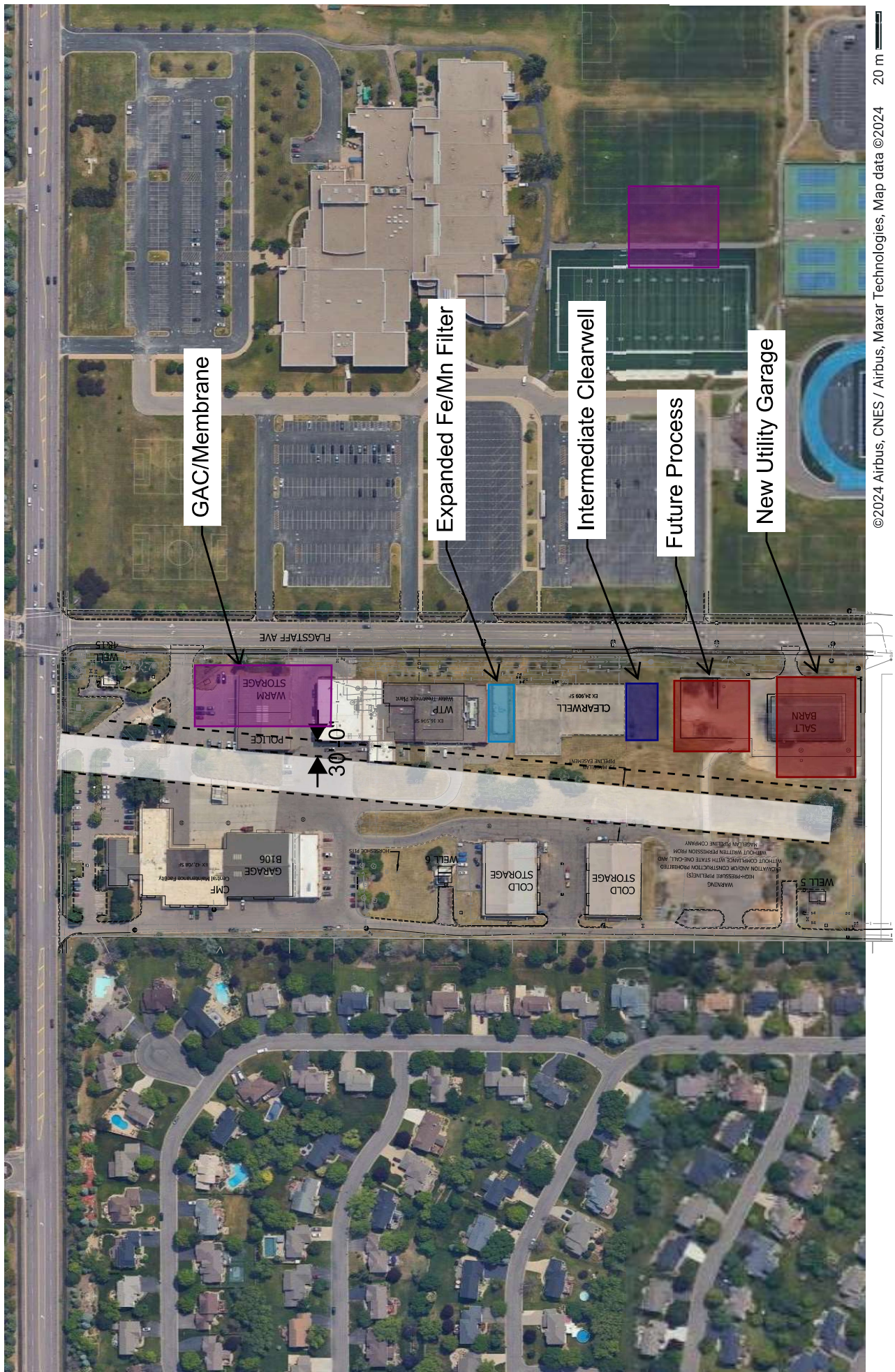
Refer to the following pages for layout options. All available site areas east of pipeline should be earmarked to accommodate PFAS treatment and immediate expansions.

For purposes of the cost estimate, we have assumed Option 1 for site configuration considerations. We expect this to be the most expensive site layout of the two options presented. Site layout to be optimized once technology is selected, piloted, and preliminary sizing can be determined.

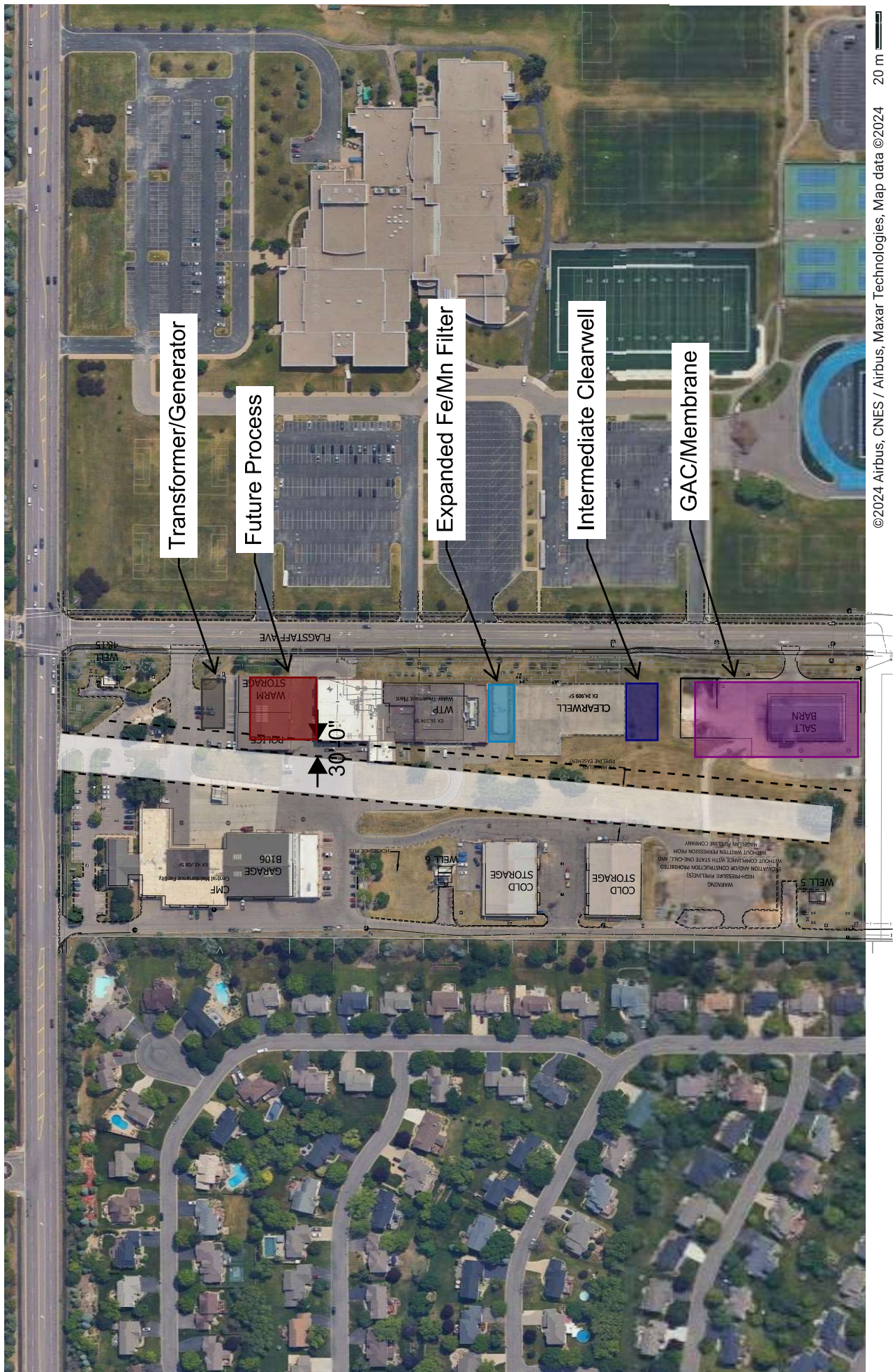
Expansion Areas



Option 1 for Membrane or GAC



Option 2 for Membrane or GAC



4.0 OPINIONS OF PROBABLE COST

4.1 COST SUMMARY

An estimate of likely cost has been developed based on the pre-concept equipment sizing described in this report. Due to the high-level nature of the estimate, and the lack of available water quality data to size equipment, the opinion of probable cost is deemed to have an accuracy in the range of +50/-30 percent.

Major treatment units (e.g. membranes, pre-filtration, GAC vessels) have been estimated based on supplier pricing plus allowances for installation. Other rates are based on examples from recent projects or allowances build up from typical rates (e.g. labor). Note the cost estimate is based on the site layout that we anticipate to be the most expensive of the options considered, and the site layout should be optimized at later stages of design and considering all drivers for site planning.

Various elements of the operating cost estimate are allowances only (such as GAC media replacement frequency, membrane chemical consumption, membrane replacement frequency). We have not undertaken sufficient water quality analysis and testing at this stage to estimate factors. These factors could significantly change the outcome of the Net Present Value (NPV). Where relevant, the operational cost assumes the plant is operated at full capacity of 20 MGD for three months of the year, and at 5 MGD for the remaining 9 months of the year (no staging/growth for the duration of the NPV assessment).

APPLE VALLEY PFAS REMOVAL FACILITY

See Table 4-1 for a summary of likely costs for the two proposed treatment systems. Figure 4-1 shows the NPV assessment for the two options. Refer to the following sections for further information on assumptions, inclusions and exclusions.

Table 4-1 Summary of Probable Costs

Item	GAC Cost	Membrane Cost
Subtotal Equipment and Installation Costs	\$72.0 M	\$64.0 M
Total Opinion of Probable Cost (+50/-30), including Construction, Engineering Fees and Contingency	\$109.0 M	\$106.0 M
Total Opinion of Probable Cost -30%	\$76.3 M	\$76.9 M
Total Opinion of Probable Cost -50%	\$163.5 M	\$154.5 M
Annual Operating Cost (average over 30 years)	\$4.16 M	\$3.50 M
30-year NPV	\$240.6 M	\$219.3 M

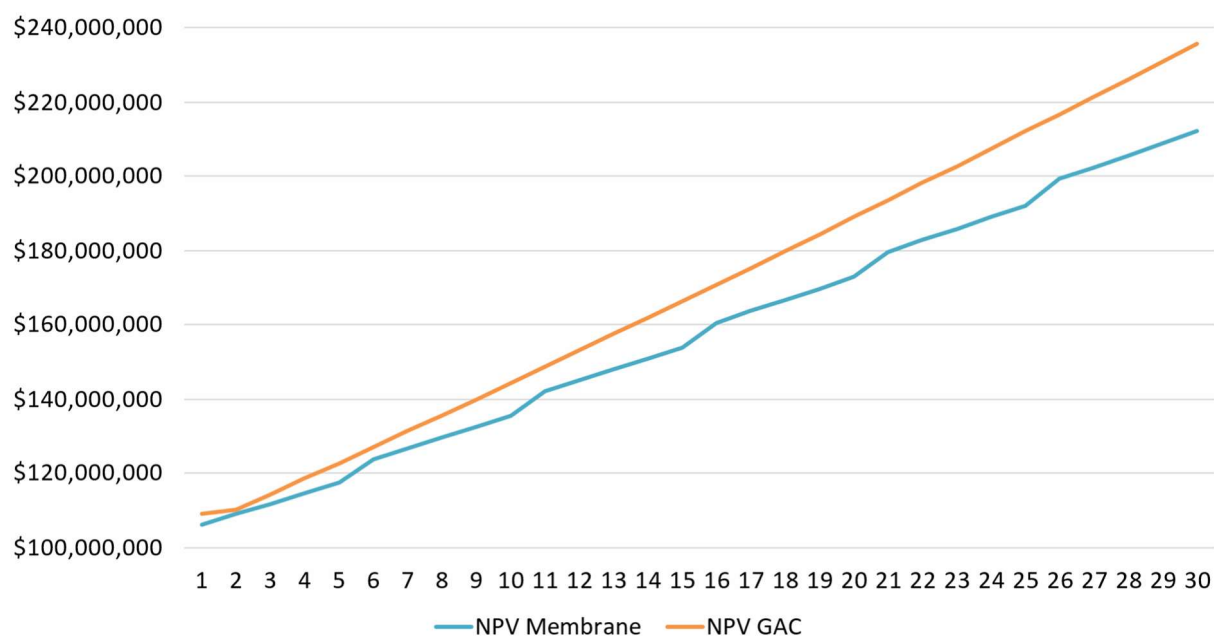


Figure 4-1 Net Present Value for PFAS Treatment Systems

4.2 GRANULAR ACTIVATED CARBON COST ESTIMATE

Capital Cost

A breakdown of the capital costs for a GAC system is included in Table 4-2.

Table 4-2 GAC Capital Cost Estimate

Item	Unit	Quantity	Unit Price	Total Costs
PFAS Treatment				
Feed Pumps	EA	8	\$ 82,500	\$ 660,000
GAC Vessel	EA	30	\$ 700,000	\$ 21,000,000
Intermediate Clearwell	Gallons	250,000		\$ 1,609,150
Flushing Equalisation Tank	Gallons	250,000		\$ 1,609,150
General Process Pipework Allowance	LS			\$ 500,000
Equipment Installation	% of Equip.	40%		\$ 10,151,320
Electrical and Instrumentation	% of Const.	30%		\$ 7,613,490
Process Building	ft ²	28,500	\$ 400	\$ 11,400,000
Building Mechanical Works	% of Bldg.	10%		\$ 1,140,000
Pre-Treatment Expansion				
Equipment - 2 filters, blower, b/wash tank	LS			\$ 400,000
Equipment Installation	% of Equip.	40%		\$ 160,000
Electrical and Instrumentation	% of Const.	30%		\$ 120,000
Pre-Treatment Building Expansion	ft ²	3,000	\$ 2,200	\$ 6,600,000
Building Mechanical Works	% of Bldg.	5%		\$ 330,000
Dehumidification	Unit			\$ 450,000
Generator	EA	1	\$ 375,000	\$ 375,000
Maintenance Garage Demolition	LS			\$ 50,000
Construct New Maintenance Garage	ft ²	14,000	\$ 200	\$ 2,800,000
Salt Barn Demolition	LS			\$ 30,000
Construct New Salt Barn	ft ²	13000	\$ 100	\$ 1,300,000
Civil and Roothing Allowance for Salt Barn	LS			\$ 500,000
Pipework in Flagstaff Ave	ft	400	\$ 200	\$ 80,000
Site Civil and Roothing Allowance	LS			\$ 3,000,000
Subtotal Equipment and Installation Cost				\$ 71,978,110
General Conditions	% of Const.	10%		\$ 7,197,811
Contractor Overhead and Profit	% of Const.	15%		\$ 10,796,716
Construction Subtotal				\$ 89,972,637
Engineering and Inspections	% of Const.	10%		\$ 8,997,264
Contingency	% of Const.	10%		\$ 8,997,264
Pilot Test	LS	1		\$ 100,000
Total Opinion of Probable Cost				\$ 108,067,164
Total Opinion of Probable Cost (Rounded Up)				\$ 109,000,000
-30%				\$ 76,300,000
+50%				\$ 163,500,000

Operational Cost

Operational expenditure (OPEX) and an operations net present value (NPV) have been developed for a GAC treatment system, as shown in Figure 4-2 and Table 4-3.

The OPEX is based upon recent supplier quotes for similar projects where available (media replacement costs, disposal costs). Various elements of the estimate are allowances only (such as media replacement frequency), as we have not undertaken sufficient water quality analysis and testing at this stage to estimate factors, and these could significantly change the outcome of the NPV. Allowances have been included for renewals based on an annual rate. An allowance has been included for regular PFAS testing, assuming a rate of \$300 per test.

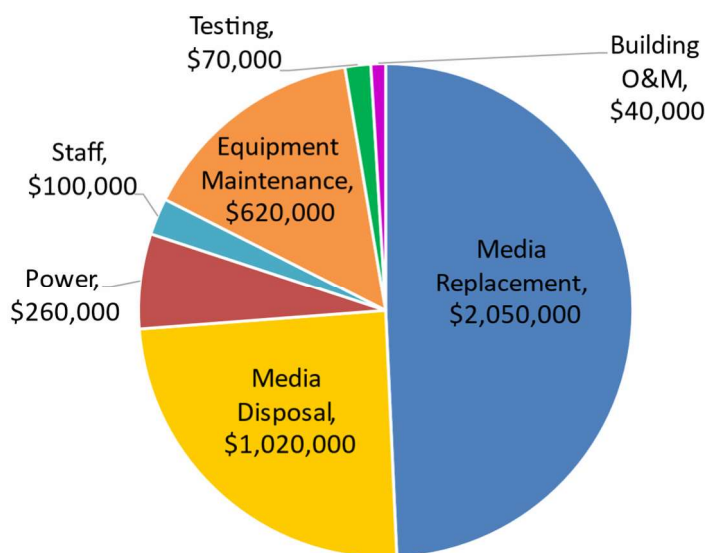


Figure 4-2 GAC Operational Cost Components

Table 4-3 GAC Operational Cost Estimate

Operational Cost Item	Cost (2024 \$)	Comment/Assumptions
New media costs per cycle	\$2.05 M	Assumes 1 year cycle (i.e. media replaced yearly)
Media disposal per cycle	\$1.02 M	Assumes 1 year cycle (i.e. media replaced yearly)
Annual power costs	\$0.26 M	Allowance
Annual additional staff costs	\$0.10 M	Assumes one additional staff required
Annual equipment maintenance (parts)	\$0.62 M	2% of equipment costs
Annual PFAS Testing	\$0.07 M	Assumes 240 tests per year, at \$300 per test
Annual building O&M	\$0.04 M	\$1.5 per sf
Operations NPV (30 years)	\$131.6 M	

The NPV analysis has been based on a 30-year assessment period, 3% rate of inflation, and 2.5% discount rate.

4.3 MEMBRANE TREATMENT COST ESTIMATE

Capital Cost

A breakdown of the capital costs for a GAC system is included in Table 4-4.

Table 4-4 Membrane Capital Cost Estimate

Item	Unit	Quantity	Unit Price	Total Costs
PFAS Treatment				
Pre-filtration Feed Pumps	EA	4	\$ 150,000	\$ 600,000
Membrane System	LS			\$ 14,000,000
Intermediate Clearwell	Gallons	420,000		\$ 2,703,372
Concentrate Equalisation Tank	Gallons	8,500		\$ 54,711
Remineralisation - Soda Ash and Lime	EA	2	\$ 1,000,000	\$ 2,000,000
General Process Pipework Allowance	LS			\$ 500,000
Equipment Installation	% of Equip.	40%		\$ 7,943,233
Electrical and Instrumentation	% of Const.	30%		\$ 5,957,425
Process Building	ft ²	27,000	\$ 400	\$ 10,800,000
Building Mechanical Works	% of Bldg.	10%		\$ 1,080,000
Pre-Treatment Expansion				
Equipment - 4 filters, blower, b/wash tank	LS			\$ 600,000
Equipment Installation	% of Equip.	40%		\$ 240,000
Electrical and Instrumentation	% of Const.	30%		\$ 180,000
Pre-Treatment Building Expansion	ft ²	3,000	\$ 2,200	\$ 6,600,000
Building Mechanical Works	% of Bldg.	5%		\$ 330,000
Dehumidification	Unit			\$ 450,000
Generator	EA	2	\$ 375,000	\$ 750,000
Modifications to Existing Maintenance Garage	ft ²	7,000	\$ 200	\$ 1,400,000
Construct New Maintenance Garage	ft ²	14,000	\$ 200	\$ 2,800,000
Salt Barn Demolition				\$ 30,000
Construct New Salt Barn	ft ²	13000	\$ 100	\$ 1,300,000
Civil and Roding Allowance for Salt Barn	LS			\$ 500,000
Pipework in Flagstaff Ave	ft	400	\$ 200	\$ 80,000
Site Civil and Roding Allowance	LS			\$ 3,000,000
Subtotal Equipment and Installation Cost				\$ 63,998,741
General Conditions	% of Const.	10%		\$ 6,399,874
Contractor Overhead and Profit	% of Const.	15%		\$ 9,599,811
Construction Subtotal				\$ 79,998,426
Engineering and Inspections	% of Const.	10%		\$ 7,999,843
Contingency	% of Const.	10%		\$ 7,999,843
Pilot Test	LS	1		\$ 100,000
Sewer Availability Charge (SAC)*	LS	1		\$ 9,069,343
Total Opinion of Probable Cost				\$ 105,167,454
Total Opinion of Probable Cost (Rounded Up)				\$ 106,000,000
-30%*				\$ 76,920,803
+50%*				\$ 154,465,328

*Cost uncertainty factors of 30%/+50% are not applied to SAC cost. However, SAC cost is included in the total numbers. SAC based on MCES Industrial User Rates and Fees for 2024.

APPLE VALLEY PFAS REMOVAL FACILITY

Operational Cost

OPEX and an operations net present value (NPV) have been developed for a membrane treatment system, as shown in Figure 4-3 and Table 4-5.

Various elements of the estimate are allowances only (chemical consumption, membrane replacement), as we have not undertaken sufficient water quality analysis and testing at this stage to estimate factors, and these could significantly change the outcome of the NPV. Allowances have been included for renewals based on an annual rate. An allowance has been included for regular PFAS testing, assuming a rate of \$300 per test.

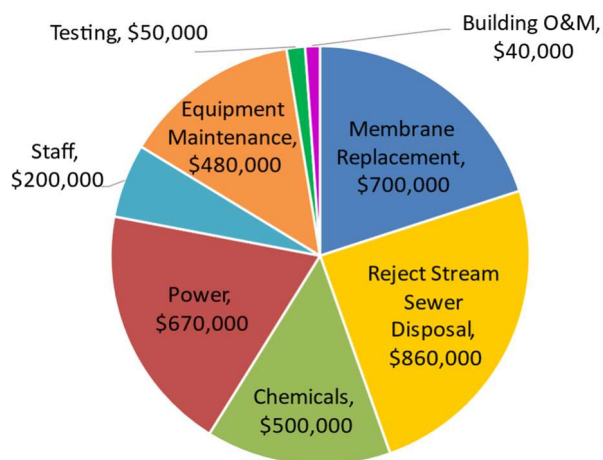


Figure 4-3 Membrane Operational Cost Components

Table 4-5 Membrane Operational Cost Estimate

Operational Cost Item	Cost (2024 \$)	Comment/Assumptions
Annual power cost	\$0.67 M	Assumes \$1.23 kWh/10 ³ gal (vendor estimate)
Annual allowance for chemical	\$0.50 M	Allowance only, not possible to estimate based on known water quality. Chemical consumption for CIP, anti-scalant and remineralization to be confirmed through pilot testing.
Annual cost to dispose reject stream (ICC + permit fee)	\$0.86 M	MCES Industrial User Rates and Fees (2024)
Membrane replacement	\$3.50 M	Assume based on 25% of membrane CAPEX, replacement required every 5 years
Annual additional staff costs	\$0.20 M	Assumes two additional staff required
Annual equipment maintenance (parts)	\$0.48 M	2% of equipment costs
Annual PFAS Testing	\$0.05	Assumes 150 tests per year, at \$300 per test
Annual building O&M	\$0.04	\$1.5 per sf
Operations NPV (30 years)	\$113.3 M	

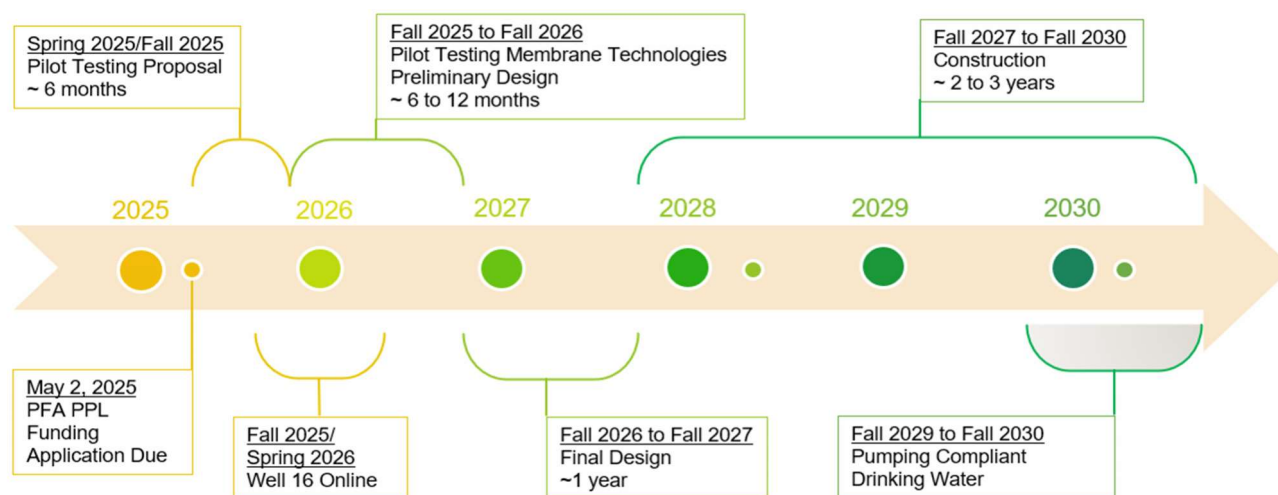
The NPV analysis has been based on a 30-year assessment period, 3% rate of inflation, and 2.5% discount rate.

4.4 COSTING ASSUMPTIONS

Cost opinions are based on major equipment items (vendor quotes) and unit costs associated with building modifications, equipment installation costs, modification to existing electrical wiring, plumbing and HVAC installations, if required. Power, chemical, staff, equipment replacement, disposal (membrane reject and GAC media), maintenance and repair, comprise O&M costs. Standard engineering economics evaluates process alternatives using a present worth calculation where all future annual O&M costs are converted to a present worth cost (i.e., the monetary amount that would be invested today to cover an annual withdrawal equal to the annual O&M cost over the life cycle period, here assumed to be 30 years). The discount rate used in Present Worth analyses of annual O&M expenses reflects the time value of money and is generally assumed to be the average rate of return that a municipality earns on investments, whether it be based on past history or future projected investment returns. The federal Office of Management and Budget annually sets discount rates for use in life cycle cost analyses and in the absence of City investment data, a 2.5% discount rate has been assumed here. Total present worth is the sum of the capital construction cost and the 30-year present worth of O&M costs. The alternative with the lowest total present worth is considered the lowest cost solution. Selection of the best value alternative should also consider non-economic factors.

Capital construction cost and 30-year present worth of annual O&M costs associated with power, chemical use, and disposal were developed for each technology. The level of accuracy for the cost opinions corresponds to the Class 4 Estimate as defined by the Association for the Advancement of Cost Engineering (AACE) International. This level of engineering cost estimating is generally made with pre-concept level equipment sizing and preliminary layouts. Accuracy for the cost estimate in this report is appropriate for feasibility study evaluations conducted at the level of detail herein and is considered to have an accuracy range of +50/-30 percent. All costs used in this analysis do not account for any tariffs or duties.

5.0 TIMELINE



6.0 PFAS TREATMENT DECISION MATRIX AND RECOMMENDATION

Table 6-1 shows the decision matrix comparing GAC and membrane. The table presents a qualitative comparison of the treatment technologies, where green is used to denote “better than”, yellow for “neutral” and red for “less than”.

Table 6-1. Technology Decision Matrix

	GAC	Membrane
PFAS Removal Effectiveness	Can achieve MCLG of 0ppt, but at a shortened media life. For short chain PFAS removal media life decreases.	Can achieve MCLG of 0ppt. Effective removal of long and short chain PFAS contaminants.
Treatment Robustness	Proven technology, redundant configuration.	Proven technology.
Operational Robustness	Media changeouts result in lost time and high water usage for backwashing. Potential arsenic concerns from the media. Once running, low maintenance requirements.	Chemical feed dependency for cleaning. More frequent maintenance requirements. Remineralization of finished water may be required.
Emerging Contaminant Removal Versatility	Suited to remove organic compounds.	Broad removal of drinking water contaminants.
Existing Facility Improvement Needs	Two additional Fe/Mn gravity treatment cells required (baseline condition for both options). Intermediate clearwell and pumping required.	Four total Fe/Mn gravity treatment cells required due to reject stream. Intermediate clearwell and pumping required. Higher horsepower pumps required.
Media/Filter Availability	Risk of media shortage in the market due to rapidly increasing demand. Natural material Requires trucking of bulk material to site.	Existing manufactures producing filters for multiple industries. Shortages are not anticipated at this time.
Residual Disposal	GAC solids to be disposed. Requires hauling away from the site to a regeneration facility. Future in situ regeneration opportunities may be developed.	Reject stream of 1+ MGD. Opportunity to implement reject stream PFAS destruction treatment in the future with further technological development. PFAS destruction kinetics suggest better removal at higher concentrations.
Capital Cost	\$109 M (\$76.3 M to \$163.5 M range)	\$106 M (\$76.9 M to \$154.5 M range)
O&M Costs	\$4.16 M	\$3.50 M

Overall, membrane treatment meets the City’s treatment goals in more categories than GAC. The key differentiator is that membrane provides a broader spectrum of removal for contaminants of emerging concern. Another benefit is that membrane treatment has a more diversified supply chain compared to GAC, and operating costs are not strictly dependent on one material. Including the overall lower capital and operational costs, membrane treatment is the best fit for the City’s treatment needs.

Appendix A

Summary of Well Testing Data

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Apple Valley WTP Effluent
Apple Valley Wells
8/1/2024

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.288

		Apple Valley				Date/Time	Date/Time	Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Sampled	Analyzed		
Ammonia as N	Effluent	< 0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 07:20	8/2/2024 10:18	45505.289	MLK
pH	Effluent	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 07:20	8/1/2024 14:51	45505.288	JE
Nitrate-nitrite as N	Effluent	0.34	mg-N/L	SM4500-NO3 ⁻ F-16 (23rd Ed)	0.05	8/1/2024 07:20	8/2/2024 11:34	45505.289	CAB
Nitrate as N	Effluent	0.34	mg-NO3/L	SM4500-NO3 ⁻ F-16 (23rd Ed)	0.05	8/1/2024 07:20	8/2/2024 10:34	45505.290	CAB
Nitrite as N	Effluent	< 0.05	mg-NO2/L	SM4500-NO3 ⁻ F-16 (23rd Ed)	0.05	8/1/2024 07:20	8/2/2024 10:34	45505.290	CAB
Chloride	Effluent	50.0 √	mg/L	SM 4500-CL ⁻ E-2011	1.50	8/1/2024 07:20	8/2/2024 15:04	45505.288	ASM
TDS	Effluent	383 ∞	mg/L	SM 2540 C-2015	20	8/1/2024 07:20	8/6/2024 11:52	45505.288	MAK
Iron	Effluent	< 50.0	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 07:20	8/8/2024 09:04	45505.291	ARM
Manganese	Effluent	< 10.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 07:20	8/8/2024 10:35	45505.291	ARM
Magnesium	Effluent	30.1 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 07:20	8/7/2024 09:37	45505.291	ARM
Calcium	Effluent	93.1 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 07:20	8/6/2024 10:43	45505.291	ARM
Sulfate	Effluent	32	mg/L	EPA 300.0	5.0	8/1/2024 07:20	8/2/2024 17:51	45505.292	Eurofins(IN)
Silica	Effluent	16	mg/L	EPA 200.7	0.043	8/1/2024 07:20	8/7/2024 16:02	45505.293	Eurofins(IN)
TOC	Effluent	0.822	mg/L	SM 5310C	0.500	8/1/2024 07:20	8/6/2024 23:05	45505.295	Eurofins(IN)
Effluent Alkalinity to pH 4.48 = 291	* mgCaCO3/L			SM 2320 B-2011	20.0	8/1/2024 07:20	8/2/2024 13:52	45505.288	MW
Hardness	Effluent	459 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.
~ We are not currently accredited for your Effluent Ammonia as N sample under the Safe Drinking Water Act.
∞ We are not currently accredited for your Effluent TDS sample under the Safe Drinking Water Act.
√ We are not currently accredited for your Effluent Chloride sample under the Safe Drinking Water Act.
* We are not currently accredited for your Effluent Alkalinity sample under the Safe Drinking Water Act.
€ The Effluent pH sample was analyzed at 21.6 degrees C.
€ The Effluent pH sample did not meet the holding time of 15 minutes.
Effluent Metals sample was digested on 8/2/2024
z We are not currently accredited for your Effluent Calcium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Effluent Magnesium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Effluent Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.
Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.296

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 4	0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 11:50	8/2/2024 10:19	45505.297	MLK
pH	Well 4	7.0 €	Std Units	SM 4500-H+ B-2000		8/1/2024 11:50	8/1/2024 14:52	45505.296	JE
Nitrate-nitrite as N	Well 4	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:50	8/2/2024 11:35	45505.297	CAB
Nitrate as N	Well 4	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:50	8/2/2024 10:35	45505.298	CAB
Nitrite as N	Well 4	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:50	8/2/2024 10:35	45505.298	CAB
Chloride	Well 4	108 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 11:50	8/2/2024 15:16	45505.296	ASM
Iron	Well 4	338	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 11:50	8/8/2024 09:06	45505.299	ARM
Manganese	Well 4	88.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 11:50	8/8/2024 10:37	45505.299	ARM
Magnesium	Well 4	39.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:50	8/7/2024 09:39	45505.299	ARM
Calcium	Well 4	108 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:50	8/6/2024 10:46	45505.299	ARM
Sulfate	Well 4	45	mg/L	EPA 300.0	5.0	8/1/2024 11:50	8/2/2024 19:30	45505.300	Eurofins(IN)
TOC	Well 4	0.806	mg/L	SM 5310C	0.500	8/1/2024 11:50	8/6/2024 23:29	45505.302	Eurofins(IN)
Well 4 Alkalinity to pH 4.48 = 336 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 11:50	8/2/2024 13:52	45505.296	MW
Hardness	Well 4	544 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 4 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 4 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 4 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 4 pH sample was analyzed at 20.7 degrees C.

€ The Well 4 pH sample did not meet the holding time of 15 minutes.

Well 4 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 4 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 4 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 4 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.303

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 5	0.34 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 12:05	8/2/2024 10:21	45505.304	MLK
pH	Well 5	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 12:05	8/1/2024 14:53	45505.303	JE
Nitrate-nitrite as N	Well 5	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 12:05	8/2/2024 11:36	45505.304	CAB
Nitrate as N	Well 5	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 12:05	8/2/2024 10:36	45505.305	CAB
Nitrite as N	Well 5	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 12:05	8/2/2024 10:36	45505.305	CAB
Chloride	Well 5	29.8 √	mg/L	SM 4500-CL⁻E-2011	1.50	8/1/2024 12:05	8/2/2024 15:18	45505.303	ASM
Iron	Well 5	346	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 12:05	8/8/2024 09:08	45505.306	ARM
Manganese	Well 5	75.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 12:05	8/8/2024 10:39	45505.306	ARM
Magnesium	Well 5	26.7 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 12:05	8/7/2024 09:41	45505.306	ARM
Calcium	Well 5	82.1 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 12:05	8/6/2024 10:48	45505.307	ARM
Sulfate	Well 5	22	mg/L	EPA 300.0	5.0	8/1/2024 12:05	8/2/2024 20:03	45505.307	Eurofins(IN)
TOC	Well 5	0.930	mg/L	SM 5310C	0.500	8/1/2024 12:05	8/7/2024 03:44	45505.309	Eurofins(IN)
Well 5 Alkalinity to pH 4.48 = 280 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 12:05	8/2/2024 13:52	45505.303	MW
Hardness	Well 5	405 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 5 Ammonia as N sample under the Safe Drinking Water Act.

√ We are not currently accredited for your Well 5 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 5 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 5 pH sample was analyzed at 21.7 degrees C.

€ The Well 5 pH sample did not meet the holding time of 15 minutes.

Well 5 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 5 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 5 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 5 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



SK

8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.

The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.

UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.310

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 6	0.20 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 12:15	8/2/2024 10:28	45505.311	MLK
pH	Well 6	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 12:15	8/1/2024 14:54	45505.310	JE
Nitrate-nitrite as N	Well 6	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 12:15	8/2/2024 11:38	45505.311	CAB
Nitrate as N	Well 6	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 12:15	8/2/2024 10:38	45505.312	CAB
Nitrite as N	Well 6	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 12:15	8/2/2024 10:38	45505.312	CAB
Chloride	Well 6	57.2 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 12:15	8/2/2024 15:19	45505.310	ASM
Iron	Well 6	443	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 12:15	8/8/2024 09:10	45505.313	ARM
Manganese	Well 6	81.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 12:15	8/8/2024 10:42	45505.313	ARM
Magnesium	Well 6	30.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 12:15	8/7/2024 09:43	45505.313	ARM
Calcium	Well 6	90.3 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 12:15	8/6/2024 10:50	45505.313	ARM
Sulfate	Well 6	30	mg/L	EPA 300.0	5.0	8/1/2024 12:15	8/2/2024 20:36	45505.314	Eurofins(IN)
TOC	Well 6	0.864	mg/L	SM 5310C	0.500	8/1/2024 12:15	8/7/2024 04:07	45505.316	Eurofins(IN)
Well 6 Alkalinity to pH 4.49 = 302 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 12:15	8/2/2024 13:52	45505.310	MW
Hardness	Well 6	449 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 6 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 6 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 6 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 6 pH sample was analyzed at 21.2 degrees C.

€ The Well 6 pH sample did not meet the holding time of 15 minutes.

Well 6 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 6 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 6 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 6 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.317

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 7	0.25 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 11:40	8/2/2024 10:33	45505.318	MLK
pH	Well 7	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 11:40	8/1/2024 14:55	45505.317	JE
Nitrate-nitrite as N	Well 7	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:40	8/2/2024 11:39	45505.318	CAB
Nitrate as N	Well 7	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:40	8/2/2024 10:39	45505.319	CAB
Nitrite as N	Well 7	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:40	8/2/2024 10:39	45505.319	CAB
Chloride	Well 7	24.3 ✓	mg/L	SM 4500-CL⁻E-2011	1.50	8/1/2024 11:40	8/2/2024 15:13	45505.317	ASM
Iron	Well 7	267	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 11:40	8/8/2024 09:12	45505.320	ARM
Manganese	Well 7	65.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 11:40	8/8/2024 10:44	45505.320	ARM
Magnesium	Well 7	26.0 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:40	8/7/2024 09:45	45505.320	ARM
Calcium	Well 7	82.1 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:40	8/6/2024 10:52	45505.320	ARM
Sulfate	Well 7	22	mg/L	EPA 300.0	5.0	8/1/2024 11:40	8/2/2024 21:09	45505.321	Eurofins(IN)
TOC	Well 7	0.845	mg/L	SM 5310C	0.500	8/1/2024 11:40	8/7/2024 04:30	45505.323	Eurofins(IN)
Well 7 Alkalinity to pH 4.48 = 280 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 11:40	8/2/2024 13:52	45505.317	MW
Hardness	Well 7	403 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 7 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 7 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 7 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 7 pH sample was analyzed at 21.7 degrees C.

€ The Well 7 pH sample did not meet the holding time of 15 minutes.

Well 7 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 7 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 7 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 7 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.324

Apple Valley					RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method					
Ammonia as N	Well 8	0.13 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 09:55	8/2/2024 10:35	45505.325	MLK
pH	Well 8	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 09:55	8/1/2024 14:56	45505.324	JE
Nitrate-nitrite as N	Well 8	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:55	8/2/2024 11:40	45505.325	CAB
Nitrate as N	Well 8	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:55	8/2/2024 10:40	45505.326	CAB
Nitrite as N	Well 8	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:55	8/2/2024 10:40	45505.326	CAB
Chloride	Well 8	96.2 ✓	mg/L	SM 4500-CL-E-2011	1.50	8/1/2024 09:55	8/2/2024 15:20	45505.324	ASM
Iron	Well 8	244	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 09:55	8/8/2024 09:14	45505.327	ARM
Manganese	Well 8	70.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 09:55	8/8/2024 10:46	45505.327	ARM
Magnesium	Well 8	33.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:55	8/7/2024 09:47	45505.327	ARM
Calcium	Well 8	101 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:55	8/6/2024 10:54	45505.327	ARM
Sulfate	Well 8	38	mg/L	EPA 300.0	5.0	8/1/2024 09:55	8/2/2024 21:42	45505.328	Eurofins(IN)
TOC	Well 8	0.966	mg/L	SM 5310C	0.500	8/1/2024 09:55	8/7/2024 04:54	45505.330	Eurofins(IN)
Well 8 Alkalinity to pH 4.48 = 302 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 09:55	8/2/2024 13:52	45505.324	MW
Hardness	Well 8	500 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 8 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 8 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 8 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 8 pH sample was analyzed at 21.5 degrees C.

€ The Well 8 pH sample did not meet the holding time of 15 minutes.

Well 8 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 8 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 8 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 8 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



[Signature]

8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.331

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 9	0.16 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 11:10	8/2/2024 10:37	45505.332	MLK
pH	Well 9	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 11:10	8/1/2024 14:57	45505.331	JE
Nitrate-nitrite as N	Well 9	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:10	8/2/2024 11:47	45505.332	CAB
Nitrate as N	Well 9	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:10	8/2/2024 10:41	45505.333	CAB
Nitrite as N	Well 9	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:10	8/2/2024 10:41	45505.333	CAB
Chloride	Well 9	69.5 ✓	mg/L	SM 4500-CL⁻E-2011	1.50	8/1/2024 11:10	8/2/2024 15:21	45505.331	ASM
Iron	Well 9	504	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 11:10	8/8/2024 09:16	45505.334	ARM
Manganese	Well 9	66.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 11:10	8/8/2024 10:48	45505.334	ARM
Magnesium	Well 9	35.6 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:10	8/7/2024 09:49	45505.334	ARM
Calcium	Well 9	104 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:10	8/6/2024 10:57	45505.334	ARM
Sulfate	Well 9	43	mg/L	EPA 300.0	5.0	8/1/2024 11:10	8/2/2024 22:15	45505.335	Eurofins(IN)
TOC	Well 9	0.853	mg/L	SM 5310C	0.500	8/1/2024 11:10	8/7/2024 05:17	45505.337	Eurofins(IN)
Well 9 Alkalinity to pH 4.48 = 302 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 11:10	8/2/2024 13:52	45505.331	MW
Hardness	Well 9	516 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 9 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 9 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 9 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 9 pH sample was analyzed at 20.2 degrees C.

€ The Well 9 pH sample did not meet the holding time of 15 minutes.

Well 9 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 9 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 9 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 9 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.338

Apple Valley					RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method					
Ammonia as N	Well 10	< 0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 11:20	8/2/2024 10:38	45505.339	MLK
pH	Well 10	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 11:20	8/1/2024 14:58	45505.338	JE
Nitrate-nitrite as N	Well 10	0.25	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:20	8/2/2024 11:43	45505.339	CAB
Nitrate as N	Well 10	0.24	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:20	8/2/2024 10:42	45505.340	CAB
Nitrite as N	Well 10	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 11:20	8/2/2024 10:42	45505.340	CAB
Chloride	Well 10	97.8 √	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 11:20	8/2/2024 15:22	45505.338	ASM
Iron	Well 10	90.0	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 11:20	8/8/2024 09:18	45505.341	ARM
Manganese	Well 10	56.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 11:20	8/8/2024 10:50	45505.341	ARM
Magnesium	Well 10	38.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:20	8/7/2024 09:51	45505.341	ARM
Calcium	Well 10	104 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 11:20	8/6/2024 10:59	45505.341	ARM
Sulfate	Well 10	47	mg/L	EPA 300.0	5.0	8/1/2024 11:20	8/2/2024 22:48	45505.342	Eurofins(IN)
TOC	Well 10	0.754	mg/L	SM 5310C	0.500	8/1/2024 11:20	8/7/2024 08:23	45505.344	Eurofins(IN)
Well 10 Alkalinity to pH 4.48 = 314 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 11:20	8/2/2024 13:52	45505.338	MW
Hardness	Well 10	523 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.
~ We are not currently accredited for your Well 10 Ammonia as N sample under the Safe Drinking Water Act.
√ We are not currently accredited for your Well 10 Chloride sample under the Safe Drinking Water Act.
* We are not currently accredited for your Well 10 Alkalinity sample under the Safe Drinking Water Act.
€ The Well 10 pH sample was analyzed at 21.2 degrees C.
€ The Well 10 pH sample did not meet the holding time of 15 minutes.
Well 10 Metals sample was digested on 8/2/2024
z We are not currently accredited for your Well 10 Calcium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 10 Magnesium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 10 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.
Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.
Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.345

Apple Valley					Date/Time		Date/Time	Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Sampled	Analyzed		
Ammonia as N	Well 11	< 0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 09:40	8/2/2024 10:40	45505.346	MLK
pH	Well 11	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 09:40	8/1/2024 14:59	45505.345	JE
Nitrate-nitrite as N	Well 11	0.74	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:40	8/2/2024 11:48	45505.346	CAB
Nitrate as N	Well 11	0.74	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:40	8/2/2024 10:43	45505.347	CAB
Nitrite as N	Well 11	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:40	8/2/2024 10:43	45505.347	CAB
Chloride	Well 11	77.9 √	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 09:40	8/2/2024 15:23	45505.345	ASM
Iron	Well 11	< 50.0	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 09:40	8/8/2024 09:20	45505.348	ARM
Manganese	Well 11	11.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 09:40	8/8/2024 10:52	45505.348	ARM
Magnesium	Well 11	37.3 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:40	8/7/2024 09:53	45505.348	ARM
Calcium	Well 11	97.2 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:40	8/6/2024 11:01	45505.348	ARM
Sulfate	Well 11	38	mg/L	EPA 300.0	5.0	8/1/2024 09:40	8/2/2024 23:21	45505.349	Eurofins(IN)
TOC	Well 11	0.667	mg/L	SM 5310C	0.500	8/1/2024 09:40	8/7/2024 08:46	45505.351	Eurofins(IN)
Well 11 Alkalinity to pH 4.48 = 314 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 09:40	8/2/2024 13:52	45505.345	MW
Hardness	Well 11	494 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 11 Ammonia as N sample under the Safe Drinking Water Act.

√ We are not currently accredited for your Well 11 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 11 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 11 pH sample was analyzed at 21.6 degrees C.

€ The Well 11 pH sample did not meet the holding time of 15 minutes.

Well 11 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 11 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 11 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 11 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.352

Apple Valley					RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method					
Ammonia as N	Well 12	0.12 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 09:00	8/2/2024 10:42	45505.353	MLK
pH	Well 12	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 09:00	8/1/2024 15:00	45505.352	JE
Nitrate-nitrite as N	Well 12	0.22	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:00	8/2/2024 11:49	45505.353	CAB
Nitrate as N	Well 12	0.22	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:00	8/2/2024 10:47	45505.354	CAB
Nitrite as N	Well 12	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:00	8/2/2024 10:47	45505.354	CAB
Chloride	Well 12	80.8 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 09:00	8/2/2024 15:24	45505.352	ASM
Iron	Well 12	134	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 09:00	8/8/2024 09:22	45505.355	ARM
Manganese	Well 12	60.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 09:00	8/8/2024 10:54	45505.355	ARM
Magnesium	Well 12	33.8 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:00	8/7/2024 09:56	45505.355	ARM
Calcium	Well 12	99.3 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:00	8/6/2024 11:03	45505.355	ARM
Sulfate	Well 12	38	mg/L	EPA 300.0	5.0	8/1/2024 09:00	8/2/2024 23:54	45505.356	Eurofins(IN)
TOC	Well 12	0.779	mg/L	SM 5310C	0.500	8/1/2024 09:00	8/7/2024 09:09	45505.358	Eurofins(IN)
Well 12 Alkalinity to pH 4.50 = 291 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 09:00	8/2/2024 13:52	45505.352	MW
Hardness	Well 12	493 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.
~ We are not currently accredited for your Well 12 Ammonia as N sample under the Safe Drinking Water Act.
✓ We are not currently accredited for your Well 12 Chloride sample under the Safe Drinking Water Act.
* We are not currently accredited for your Well 12 Alkalinity sample under the Safe Drinking Water Act.
€ The Well 12 pH sample was analyzed at 21.2 degrees C.
€ The Well 12 pH sample did not meet the holding time of 15 minutes.
Well 12 Metals sample was digested on 8/2/2024
z We are not currently accredited for your Well 12 Calcium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 12 Magnesium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 12 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.
Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.
Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.359

Apple Valley					Date/Time		Date/Time		Analyst
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Sampled	Analyzed	Lab #	
Ammonia as N	Well 13	< 0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 08:05	8/2/2024 10:43	45505.360	MLK
pH	Well 13	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 08:05	8/1/2024 15:03	45505.359	JE
Nitrate-nitrite as N	Well 13	0.66	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:05	8/2/2024 11:50	45505.360	CAB
Nitrate as N	Well 13	0.66	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:05	8/2/2024 10:50	45505.361	CAB
Nitrite as N	Well 13	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:05	8/2/2024 10:50	45505.361	CAB
Chloride	Well 13	74.8 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 08:05	8/2/2024 15:25	45505.359	ASM
Iron	Well 13	< 50.0	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 08:05	8/8/2024 09:38	45505.362	ARM
Manganese	Well 13	77.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 08:05	8/8/2024 11:04	45505.362	ARM
Magnesium	Well 13	33.0 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 08:05	8/7/2024 10:06	45505.362	ARM
Calcium	Well 13	97.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 08:05	8/6/2024 11:32	45505.362	ARM
Sulfate	Well 13	36	mg/L	EPA 300.0	5.0	8/1/2024 08:05	8/3/2024 01:34	45505.363	Eurofins(IN)
TOC	Well 13	0.663	mg/L	SM 5310C	0.500	8/1/2024 08:05	8/7/2024 09:33	45505.365	Eurofins(IN)
Well 13 Alkalinity to pH 4.48 = 283 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 08:05	8/5/2024 09:50	45505.359	MW
Hardness	Well 13	486 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 13 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 13 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 13 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 13 pH sample was analyzed at 21.2 degrees C.

€ The Well 13 pH sample did not meet the holding time of 15 minutes.

Well 13 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 13 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 13 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 13 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/15/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.366

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 14	0.80 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 09:20	8/2/2024 10:45	45505.367	MLK
pH	Well 14	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 09:20	8/1/2024 15:04	45505.366	JE
Nitrate-nitrite as N	Well 14	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:20	8/2/2024 11:52	45505.367	CAB
Nitrate as N	Well 14	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:20	8/2/2024 10:52	45505.368	CAB
Nitrite as N	Well 14	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 09:20	8/2/2024 10:52	45505.368	CAB
Chloride	Well 14	43.3 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 09:20	8/2/2024 15:34	45505.366	ASM
Iron	Well 14	607	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 09:20	8/8/2024 09:40	45505.369	ARM
Manganese	Well 14	< 10.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 09:20	8/8/2024 11:06	45505.369	ARM
Magnesium	Well 14	22.2 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:20	8/7/2024 10:08	45505.369	ARM
Calcium	Well 14	55.3 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 09:20	8/6/2024 11:35	45505.369	ARM
Sulfate	Well 14	130	mg/L	EPA 300.0	25	8/1/2024 09:20	8/3/2024 19:15	45505.370	Eurofins(IN)
TOC	Well 14	0.554	mg/L	SM 5310C	0.500	8/1/2024 09:20	8/7/2024 09:56	45505.372	Eurofins(IN)
Well 14 Alkalinity to pH 4.48 = 305 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 09:20	8/5/2024 12:11	45505.366	MW
Hardness	Well 14	283 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 14 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 14 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 14 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 14 pH sample was analyzed at 21.3 degrees C.

€ The Well 14 pH sample did not meet the holding time of 15 minutes.

Well 14 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 14 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 14 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 14 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/15/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/16/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.373

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 15	0.86 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 10:20	8/2/2024 10:47	45505.374	MLK
pH	Well 15	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 10:20	8/1/2024 15:05	45505.373	JE
Nitrate-nitrite as N	Well 15	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 10:20	8/2/2024 11:53	45505.374	CAB
Nitrate as N	Well 15	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 10:20	8/2/2024 10:53	45505.375	CAB
Nitrite as N	Well 15	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 10:20	8/2/2024 10:53	45505.375	CAB
Chloride	Well 15	43.0 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 10:20	8/2/2024 15:31	45505.373	ASM
Iron	Well 15	647	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 10:20	8/8/2024 09:42	45505.376	ARM
Manganese	Well 15	10.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 10:20	8/8/2024 11:16	45505.376	ARM
Magnesium	Well 15	22.5 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 10:20	8/7/2024 10:11	45505.376	ARM
Calcium	Well 15	56.5 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 10:20	8/6/2024 11:37	45505.376	ARM
Sulfate	Well 15	140	mg/L	EPA 300.0	50	8/1/2024 10:20	8/8/2024 21:33	45505.377	Eurofins(IN)
TOC	Well 15	0.512	mg/L	SM 5310C	0.500	8/1/2024 10:20	8/7/2024 10:19	45505.379	Eurofins(IN)
Well 15 Alkalinity to pH 4.52 = 305 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 10:20	8/5/2024 12:11	45505.373	MW
Hardness	Well 15	289 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 15 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 15 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 15 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 15 pH sample was analyzed at 21 degrees C.

€ The Well 15 pH sample did not meet the holding time of 15 minutes.

Well 15 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 15 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 15 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 15 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/16/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/16/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.380

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Well 17	0.19 *	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 08:20	8/2/2024 10:54	45505.381	MLK
pH	Well 17	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 08:20	8/1/2024 15:06	45505.380	JE
Nitrate-nitrite as N	Well 17	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:20	8/2/2024 11:54	45505.381	CAB
Nitrate as N	Well 17	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:20	8/2/2024 10:54	45505.382	CAB
Nitrite as N	Well 17	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:20	8/2/2024 10:54	45505.382	CAB
Chloride	Well 17	15.5 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 08:20	8/2/2024 15:35	45505.380	ASM
Iron	Well 17	484	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 08:20	8/8/2024 09:44	45505.383	ARM
Manganese	Well 17	58.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 08:20	8/8/2024 11:18	45505.383	ARM
Magnesium	Well 17	25.0 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 08:20	8/7/2024 10:13	45505.383	ARM
Calcium	Well 17	77.5 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 08:20	8/6/2024 11:39	45505.383	ARM
Sulfate	Well 17	17	mg/L	EPA 300.0	5.0	8/1/2024 08:20	8/7/2024 18:48	45505.384	Eurofins(IN)
TOC	Well 17	0.861	mg/L	SM 5310C	0.500	8/1/2024 08:20	8/7/2024 10:42	45505.386	Eurofins(IN)
Well 17 Alkalinity to pH 4.48 = 273 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 08:20	8/5/2024 12:11	45505.380	MW
Hardness	Well 17	381 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

* We are not currently accredited for your Well 17 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 17 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 17 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 17 pH sample was analyzed at 18.9 degrees C.

€ The Well 17 pH sample did not meet the holding time of 15 minutes.

Well 17 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 17 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 17 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 17 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/16/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/16/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.387

Apple Valley					Date/Time		Date/Time		Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Sampled	Analyzed			
Ammonia as N	Well 18	< 0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 10:55	8/2/2024 10:59	45505.388		MLK
pH	Well 18	7.1 €	Std Units	SM 4500-H+ B-2000		8/1/2024 10:55	8/1/2024 15:07	45505.387		JE
Nitrate-nitrite as N	Well 18	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 10:55	8/2/2024 11:55	45505.388		CAB
Nitrate as N	Well 18	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 10:55	8/2/2024 10:55	45505.389		CAB
Nitrite as N	Well 18	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 10:55	8/2/2024 10:55	45505.389		CAB
Chloride	Well 18	99.3 √	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 10:55	8/2/2024 15:36	45505.387		ASM
Iron	Well 18	213	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 10:55	8/8/2024 09:46	45505.390		ARM
Manganese	Well 18	41.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 10:55	8/8/2024 11:20	45505.390		ARM
Magnesium	Well 18	40.6 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 10:55	8/7/2024 10:15	45505.390		ARM
Calcium	Well 18	104 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 10:55	8/6/2024 11:41	45505.390		ARM
Sulfate	Well 18	46	mg/L	EPA 300.0	5.0	8/1/2024 10:55	8/7/2024 19:21	45505.391		Eurofins(IN)
TOC	Well 18	0.708	mg/L	SM 5310C	0.500	8/1/2024 10:55	8/7/2024 11:05	45505.393		Eurofins(IN)
Well 18 Alkalinity to pH 4.48 = 327 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 10:55	8/5/2024 12:11	45505.387		MW
Hardness	Well 18	530 z	mg CaCO3/L	SM 2340 B-2011						

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.
~ We are not currently accredited for your Well 18 Ammonia as N sample under the Safe Drinking Water Act.
√ We are not currently accredited for your Well 18 Chloride sample under the Safe Drinking Water Act.
* We are not currently accredited for your Well 18 Alkalinity sample under the Safe Drinking Water Act.
€ The Well 18 pH sample was analyzed at 18.5 degrees C.
€ The Well 18 pH sample did not meet the holding time of 15 minutes.
Well 18 Metals sample was digested on 8/2/2024
z We are not currently accredited for your Well 18 Calcium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 18 Magnesium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 18 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/16/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.
Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.
Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/16/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.394

Apple Valley					Date/Time		Date/Time		Analyst
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Sampled	Analyzed	Lab #	
Ammonia as N	Well 19	< 0.10 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 07:55	8/2/2024 11:01	45505.395	MLK
pH	Well 19	7.2 €	Std Units	SM 4500-H+ B-2000		8/1/2024 07:55	8/1/2024 15:08	45505.394	JE
Nitrate-nitrite as N	Well 19	0.56	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 07:55	8/2/2024 11:56	45505.395	CAB
Nitrate as N	Well 19	0.55	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 07:55	8/2/2024 10:56	45505.396	CAB
Nitrite as N	Well 19	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 07:55	8/2/2024 10:56	45505.396	CAB
Chloride	Well 19	58.0 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 07:55	8/2/2024 15:38	45505.394	ASM
Iron	Well 19	71.0	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 07:55	8/8/2024 09:48	45505.397	ARM
Manganese	Well 19	67.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 07:55	8/8/2024 11:22	45505.397	ARM
Magnesium	Well 19	34.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 07:55	8/7/2024 10:17	45505.397	ARM
Calcium	Well 19	91.4 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 07:55	8/6/2024 11:43	45505.397	ARM
Sulfate	Well 19	41	mg/L	EPA 300.0	5.0	8/1/2024 07:55	8/7/2024 19:54	45505.398	Eurofins(IN)
TOC	Well 19	0.690	mg/L	SM 5310C	0.500	8/1/2024 07:55	8/7/2024 11:29	45505.400	Eurofins(IN)
Well 19 Alkalinity to pH 4.52 = 283 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 07:55	8/5/2024 12:11	45505.394	MW
Hardness	Well 19	464 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

~ We are not currently accredited for your Well 19 Ammonia as N sample under the Safe Drinking Water Act.

✓ We are not currently accredited for your Well 19 Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your Well 19 Alkalinity sample under the Safe Drinking Water Act.

€ The Well 19 pH sample was analyzed at 18.4 degrees C.

€ The Well 19 pH sample did not meet the holding time of 15 minutes.

Well 19 Metals sample was digested on 8/2/2024

z We are not currently accredited for your Well 19 Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 19 Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your Well 19 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



8/16/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/1/2024 14:00
Date Printed: 8/16/2024

As Received Temperature 2 deg C

Laboratory Report # 45505.401

Apple Valley					RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
ANALYSES	Sample ID	Result As Received	Units	Method					
Ammonia as N	Well 20	0.11 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/1/2024 08:45	8/2/2024 11:02	45505.402	MLK
pH	Well 20	7.3 €	Std Units	SM 4500-H+ B-2000		8/1/2024 08:45	8/1/2024 15:09	45505.401	JE
Nitrate-nitrite as N	Well 20	< 0.05	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:45	8/2/2024 12:00	45505.402	CAB
Nitrate as N	Well 20	< 0.05	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:45	8/2/2024 10:58	45505.403	CAB
Nitrite as N	Well 20	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/1/2024 08:45	8/2/2024 10:58	45505.403	CAB
Chloride	Well 20	72.5 ✓	mg/L	SM 4500-Cl⁻E-2011	1.50	8/1/2024 08:45	8/2/2024 15:39	45505.401	ASM
Iron	Well 20	404	ug/L	EPA 200.7 Rev. 4.4	50.0	8/1/2024 08:45	8/8/2024 09:50	45505.404	ARM
Manganese	Well 20	81.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/1/2024 08:45	8/8/2024 11:24	45505.404	ARM
Magnesium	Well 20	32.4 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 08:45	8/7/2024 10:19	45505.404	ARM
Calcium	Well 20	87.8 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/1/2024 08:45	8/6/2024 11:46	45505.404	ARM
Sulfate	Well 20	36	mg/L	EPA 300.0	5.0	8/1/2024 08:45	8/7/2024 20:28	45505.405	Eurofins(IN)
TOC	Well 20	0.763	mg/L	SM 5310C	0.500	8/1/2024 08:45	8/7/2024 13:48	45505.407	Eurofins(IN)
Well 20 Alkalinity to pH 4.48 = 289 * mgCaCO3/L				SM 2320 B-2011	20.0	8/1/2024 08:45	8/9/2024 08:30	45505.401	MW
Hardness	Well 20	442 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.
~ We are not currently accredited for your Well 20 Ammonia as N sample under the Safe Drinking Water Act.
✓ We are not currently accredited for your Well 20 Chloride sample under the Safe Drinking Water Act.
* We are not currently accredited for your Well 20 Alkalinity sample under the Safe Drinking Water Act.
€ The Well 20 pH sample was analyzed at 18.3 degrees C.
€ The Well 20 pH sample did not meet the holding time of 15 minutes.
Well 20 Metals sample was digested on 8/2/2024
z We are not currently accredited for your Well 20 Calcium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 20 Magnesium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Well 20 Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by



[Signature]

8/16/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.
Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.
Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

Apple Valley WTP Effluent
Wells online: 6, 9, 10*, 12, 13, 14, 18, 20
**Well 10 came online 2 hours prior to sampling. There is a high probability that Well 10 water is included in this sample set, but no way to say for sure.

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 8/13/2024 14:45
Date Printed: 8/27/2024

As Received Temperature 12 deg C

Location: Drinking Water WTP
Laboratory Report # 45517.572

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	Aug Effluent	0.11 ~	mg/L	EPA 350.1 Rev. 2.0	0.10	8/13/2024 09:00	8/16/2024 14:01	45517.573	SW
pH	Aug Effluent	7.3 €	Std Units	SM 4500-H+ B-2000		8/13/2024 09:00	8/13/2024 15:20	45517.572	JE
Nitrate-nitrite as N	Aug Effluent	0.21	mg-N/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/13/2024 09:00	8/15/2024 13:22	45517.573	CAB
Nitrate as N	Aug Effluent	0.21	mg-NO3/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/13/2024 09:00	8/14/2024 15:52	45517.574	CAB
Nitrite as N	Aug Effluent	< 0.05	mg-NO2/L	SM4500-NO3°F-16 (23rd Ed)	0.05	8/13/2024 09:00	8/14/2024 15:52	45517.574	CAB
Chloride	Aug Effluent	67.0 √	mg/L	SM 4500-CL-E-2011	1.50	8/13/2024 09:00	8/19/2024 14:20	45517.572	ASM
TDS	Aug Effluent	477 ∞	mg/L	SM 2540 C-2015	20	8/13/2024 09:00	8/15/2024 14:47	45517.572	MAK
Iron	Aug Effluent	< 50.0	ug/L	EPA 200.7 Rev. 4.4	50.0	8/13/2024 09:00	8/19/2024 10:27	45517.575	ARM
Manganese	Aug Effluent	< 10.0	ug/L	EPA 200.7 Rev. 4.4	10.0	8/13/2024 09:00	8/19/2024 09:38	45517.575	ARM
Magnesium	Aug Effluent	32.9 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/13/2024 09:00	8/20/2024 12:07	45517.575	ARM
Calcium	Aug Effluent	99.6 z	mg/L	EPA 200.7 Rev. 4.4	1.00	8/13/2024 09:00	8/20/2024 09:17	45517.575	ARM
Sulfate	Aug Effluent	48	mg/L	EPA 300.0	5.0	8/13/2024 09:00	8/20/2024 19:36	45517.577	Eurofins(IN)
Silica	Aug Effluent	16	mg/L	EPA 200.7	0.043	8/13/2024 09:00	8/19/2024 17:20	45517.576	Eurofins(IN)
TOC	Aug Effluent	0.883	mg/L	SM 5310C	0.500	8/13/2024 09:00	8/21/2024 08:30	45517.578	Eurofins(IN)
Aug Effluent Alkalinity to pH 4.48 = 292 * mgCaCO3/L				SM 2320 B-2011	20.0	8/13/2024 09:00	8/19/2024 12:10	45517.572	MW
Hardness	Aug Effluent	492 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617
This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.
The sample was received on ice, as received temperature did meet thermal preservation requirements as described by NELAP (TNI Standard EL-V1M4-2016, 1.7.4)
~ We are not currently accredited for your Aug Effluent Ammonia as N sample under the Safe Drinking Water Act.
∞ We are not currently accredited for your Aug Effluent TDS sample under the Safe Drinking Water Act.
√ We are not currently accredited for your Aug Effluent Chloride sample under the Safe Drinking Water Act.
* We are not currently accredited for your Aug Effluent Alkalinity sample under the Safe Drinking Water Act.
€ The Aug Effluent pH sample was analyzed at 18.6 degrees C.
€ The Aug Effluent pH sample did not meet the holding time of 15 minutes.
Aug Effluent Metals sample was digested on 8/15/2024
z We are not currently accredited for your Aug Effluent Calcium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Aug Effluent Magnesium sample under the Safe Drinking Water Act.
z We are not currently accredited for your Aug Effluent Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by 



8/27/2024

This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.
Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.
Your contact person is Amy Schreder

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068

Apple Valley WTP Effluent

UC LABORATORY
PO BOX 551
JANESVILLE, MN 56048

Laboratory Results

PHONE- (507)234-5835

REPORT TO: City of Apple Valley
6442 140 St West
Apple Valley, MN 55724

Date Received: 9/10/2024 14:30
Date Printed: 9/26/2024

As Received Temperature 11 deg C

Location: Drinking Water WTP
Laboratory Report # 45545.640

Apple Valley									
ANALYSES	Sample ID	Result As Received	Units	Method	RL	Date/Time Sampled	Date/Time Analyzed	Lab #	Analyst
Ammonia as N	September Effluent	< 0.10 *	mg/L	EPA 350.1 Rev. 2.0	0.10	9/10/2024 07:45	9/13/2024 11:29	45545.640	SW
pH	September Effluent	7.2 €	Std Units	SM 4500-H+ B-2000		9/10/2024 07:45	9/10/2024 15:37	45545.642	BR
Nitrate-nitrite as N	September Effluent	0.24	mg-N/L	SM4500-NO3 ⁻ F-16 (23rd Ed)	0.05	9/10/2024 07:45	9/11/2024 15:59	45545.640	CAB
Nitrate as N	September Effluent	0.23	mg-NO3/L	SM4500-NO3 ⁻ F-16 (23rd Ed)	0.05	9/10/2024 07:45	9/11/2024 15:24	45545.641	CAB
Nitrite as N	September Effluent	< 0.05	mg-NO2/L	SM4500-NO3 ⁻ F-16 (23rd Ed)	0.05	9/10/2024 07:45	9/11/2024 15:24	45545.641	CAB
Chloride	September Effluent	49.2 √	mg/L	SM 4500-CL ⁻ E-2011	1.50	9/10/2024 07:45	9/13/2024 12:34	45545.642	ASM
TDS	September Effluent	426 ∞	mg/L	SM 2540 C-2015	20	9/10/2024 07:45	9/12/2024 17:35	45545.642	MAK
Iron	September Effluent	< 50.0	ug/L	EPA 200.7 Rev. 4.4	50.0	9/10/2024 07:45	9/18/2024 09:33	45545.643	ARM
Manganese	September Effluent	< 10.0	ug/L	EPA 200.7 Rev. 4.4	10.0	9/10/2024 07:45	9/19/2024 16:40	45545.643	ARM
Magnesium	September Effluent	31.5 z	mg/L	EPA 200.7 Rev. 4.4	1.00	9/10/2024 07:45	9/19/2024 11:22	45545.643	ARM
Calcium	September Effluent	83.5 z	mg/L	EPA 200.7 Rev. 4.4	1.00	9/10/2024 07:45	9/18/2024 11:42	45545.643	ARM
Sulfate	September Effluent	40	mg/L	EPA 300.0	5.0	9/10/2024 07:45	9/13/2024 04:45	45545.644	Eurofins(IN)
Silica	September Effluent	16	mg/L	EPA 200.7	0.043	9/10/2024 07:45	9/12/2024 16:55	45545.645	Eurofins(IN)
TOC	September Effluent	0.805	mg/L	SM 5310C	0.500	9/10/2024 07:45	9/19/2024 12:15	45545.647	Eurofins(IN)
September Effluent Alkalinity to pH 4.48 = 286 * mgCaCO3/L				SM 2320 B-2011	20.0	9/10/2024 07:45	9/16/2024 14:47	45545.642	MW
Hardness	September Effluent	423 z	mg CaCO3/L	SM 2340 B-2011					

Eurofins Eaton South Bend (EPA ID IN00035)(NELAC 1989807) 110 S Hill Street, South Bend, IN 46617

This report contains data that were produced by a subcontracted laboratory certified for the fields of testing performed.

The sample was received on ice, as received temperature did meet thermal preservation requirements as described by NELAP (TNI Standard EL-V1M4-2016, 1.7.4)

* We are not currently accredited for your September Effluent Ammonia as N sample under the Safe Drinking Water Act.

∞ We are not currently accredited for your September Effluent TDS sample under the Safe Drinking Water Act.

√ We are not currently accredited for your September Effluent Chloride sample under the Safe Drinking Water Act.

* We are not currently accredited for your September Effluent Alkalinity sample under the Safe Drinking Water Act.

€ The September Effluent pH sample was analyzed at 21.4 degrees C.

€ The September Effluent pH sample did not meet the holding time of 15 minutes.

September Effluent Metals sample was digested on 9/12/2024

z We are not currently accredited for your September Effluent Calcium sample under the Safe Drinking Water Act.

z We are not currently accredited for your September Effluent Magnesium sample under the Safe Drinking Water Act.

z We are not currently accredited for your September Effluent Hardness sample under the Safe Drinking Water Act.

This report was reviewed and approved by *mjiw* 9/26/2024



This report cannot be reproduced, except in full, without written approval from UC Laboratory.
The results in this report apply to the samples analyzed in accordance with the Chain-of-Custody record.
UC Laboratory certifies that the test results meet all of the requirements of NELAC.

Unless otherwise noted in the report, the sample conditions at time of receipt met the laboratory's acceptance policy and regulatory requirements.

Your contact person is Amy Schreader

IA Certification # 180 MN Certification # 027-161-186 EPA ID # MN00068



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

Apple Valley WTP Effluent
Apple Valley Wells
2024 Quarter 3

PWSID: 1190001
System Name: Apple Valley
City: Apple Valley

Program Code: HC

Type: X

Date Received: 07/17/24 13:05
Rep. Temp. (°C): 2.5

Collector Name: Andrew Karp
Collector ID: 8126

MDH Sample Number: 24G2056-01

Location ID: E01
Sampling Point: TREATMENT PLANT #1
Field Number: AK323

Collect Date: 07/17/24
Collect Time: 08:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFBA	26	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFBS	0.86	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFHxA	0.68	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	J
PFHxS	2.3	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFOA	3.5	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFOS	1.9	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFPeA	1.2	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	J
PFPeS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:43	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24G2056-02

Location ID: S04
Sampling Point: Well #4
Field Number: AK324

Collect Date: 07/17/24
Collect Time: 09:40
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFBA	53	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFBS	1.8	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFHpA	0.58	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	J
PFHpS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFHxA	1.9	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFHxS	5.9	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFOA	4.0	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFOS	7.3	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFPeA	3.3	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	
PFPeS	0.73	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 02:56	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-03

Location ID: S05
Sampling Point: Well #5
Field Number: AK325

Collect Date: 07/17/24
Collect Time: 08:55
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFBA	15	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFBS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFHxS	0.79	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	J
PFMBA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFOA	2.7	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFOS	1.1	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	J
PFPeA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4G1668	07/30/24 06:17	08/03/24 03:10	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24G2056-04

Location ID: S06
Sampling Point: Well #6
Field Number: AK326

Collect Date: 07/17/24
Collect Time: 08:50
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
4:2FTS	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
6:2FTS	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
8:2FTS	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
9CI-PF3ONS	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
ADONA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
HFPO-DA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
NEtFOSAA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
NFDHA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFBA	31	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFBS	0.90	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	J
PFDA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFDaA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFEESA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFHpA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFHpS	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFHxA	0.95	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	J
PFHxS	3.3	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFMBA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFMPA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFNA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFOA	3.7	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFOS	4.3	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	
PFPeA	1.3	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	J
PFPeS	0.45	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	J
PFUnA	<	1.9	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:45	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24G2056-05

Location ID: S07
Sampling Point: Well #7
Field Number: AK327

Collect Date: 07/17/24
Collect Time: 10:00
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFBA	12	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFBS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFHxS	0.47	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	J
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFOA	1.3	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	J
PFOS	0.54	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	J
PFPeA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 04:59	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24G2056-06

Location ID: S08
Sampling Point: Well #8
Field Number: AK328

Collect Date: 07/17/24
Collect Time: 10:20
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFBA	42	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFBS	1.7	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFHxA	1.3	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	J
PFHxS	7.3	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFOA	5.6	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFOS	12	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFPeA	1.7	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	
PFPeS	0.74	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:13	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-07

Location ID: S09
Sampling Point: Well #9
Field Number: AK329

Collect Date: 07/17/24
Collect Time: 10:05
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFBA	39	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFBS	1.4	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFHxA	1.0	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	J
PFHxS	1.3	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	J
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFOA	1.6	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	J
PFOS	1.1	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	J
PFPeA	1.7	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:26	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-08

Location ID: S10
Sampling Point: Well #10
Field Number: AK330

Collect Date: 07/17/24
Collect Time: 10:40
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFBA	43	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFBS	2.3	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFDA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFDoA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFHpA	0.74	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	J
PFHpS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFHxA	1.6	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	J
PFHxS	5.6	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFOA	5.0	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFOS	8.4	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFPeA	2.4	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	
PFPeS	0.66	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	J
PFUnA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:40	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-09

Location ID: S11
Sampling Point: Well #11
Field Number: AK331

Collect Date: 07/17/24
Collect Time: 10:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFBA	43	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFBS	2.2	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFHxA	1.1	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	J
PFHxS	4.7	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFOA	2.2	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFOS	7.2	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	
PFPeA	1.6	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	J
PFPeS	0.60	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 05:53	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24G2056-10

Location ID: S12
Sampling Point: Well #12
Field Number: AK332

Collect Date: 07/17/24
Collect Time: 09:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFBA	38	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFBS	1.5	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	J
PFDA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFDaA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFHpA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFHpS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFHxA	1.2	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	J
PFHxS	5.1	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFOA	7.5	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFOS	6.1	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	
PFPeA	1.8	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	J
PFPeS	0.65	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	J
PFUnA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:07	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-11

Location ID: S13
Sampling Point: Well #13
Field Number: AK333

Collect Date: 07/17/24
Collect Time: 09:20
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFBA	33	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFBS	1.5	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFHxA	0.92	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	J
PFHxS	4.4	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFOA	3.8	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFOS	3.4	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	
PFPeA	1.4	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	J
PFPeS	0.48	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:21	ACA	EPA 533	

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-12

Location ID: S18
Sampling Point: Well #17
Field Number: AK334

Collect Date: 07/17/24
Collect Time: 09:50
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
4:2FTS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
6:2FTS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
8:2FTS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
9CI-PF3ONS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
ADONA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
HFPO-DA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
NEtFOSAA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
NFDHA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFBA	8.8	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFBS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFDA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFDaA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFEESA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFHpA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFHpS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFHxA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFHxS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFMBA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFMPA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFNA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFOA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFOS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFPeA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFPeS	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	
PFUnA	<	1.6	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:34	ACA	EPA 533	

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-13

Location ID: S19
Sampling Point: Well #18
Field Number: AK335

Collect Date: 07/17/24
Collect Time: 10:15
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFBA	40	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFBS	2.7	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFHpA	0.64	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	J
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFHxA	1.8	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFHxS	2.3	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFOA	2.6	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFOS	2.1	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFPeA	3.0	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 06:48	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24G2056-14

Location ID: S20
Sampling Point: Well #19
Field Number: AK336

Collect Date: 07/17/24
Collect Time: 09:10
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFBA	37	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFBS	1.3	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	J
PFDA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFDaA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFHpA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFHpS	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFHxA	1.3	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	J
PFHxS	2.4	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFOA	6.3	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFOS	2.1	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	
PFPeA	1.8	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	J
PFPeS	0.48	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	J
PFUnA	<	1.8	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:15	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-15

Location ID: S21
Sampling Point: Well #20
Field Number: AK337

Collect Date: 07/17/24
Collect Time: 10:50
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFBA	31	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFBS	1.2	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFHxS	3.6	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFOA	5.6	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFOS	4.4	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	
PFPeA	0.86	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	J
PFPeS	0.40	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:29	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24G2056-16

Location ID: None
Sampling Point: Field Blank

Collect Date: 07/17/24
Collect Time: 08:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFBS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFHxS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFOA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFOS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFPeA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4G1727	08/01/24 06:43	08/03/24 07:42	ACA	EPA 533	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1668 - PFAS in Water by 533

Blank (B4G1668-BLK1)

Prepared: 07/30/24 06:17 Analyzed: 08/02/24 21:57

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	<	1.6	ng/L							ACA	
4:2FTS	<	1.6	ng/L							ACA	
6:2FTS	<	1.6	ng/L							ACA	
8:2FTS	<	1.6	ng/L							ACA	
9CI-PF3ONS	<	1.6	ng/L							ACA	
ADONA	<	1.6	ng/L							ACA	
HFPO-DA	<	1.6	ng/L							ACA	
NEtFOSAA	<	1.6	ng/L							ACA	
NFDHA	<	1.6	ng/L							ACA	
PFBA	<	1.6	ng/L							ACA	
PFBS	<	1.6	ng/L							ACA	
PFDA	<	1.6	ng/L							ACA	
PFDoA	<	1.6	ng/L							ACA	
PFEESA	<	1.6	ng/L							ACA	
PFHpA	<	1.6	ng/L							ACA	
PFHpS	<	1.6	ng/L							ACA	
PFHxA	<	1.6	ng/L							ACA	
PFHxS	<	1.6	ng/L							ACA	
PFMBA	<	1.6	ng/L							ACA	
PFMPA	<	1.6	ng/L							ACA	
PFNA	<	1.6	ng/L							ACA	
PFOA	<	1.6	ng/L							ACA	
PFOS	<	1.6	ng/L							ACA	
PFPeA	<	1.6	ng/L							ACA	
PFPeS	<	1.6	ng/L							ACA	
PFUnA	<	1.6	ng/L							ACA	

MRL Check (B4G1668-MRL1)

Prepared: 07/30/24 06:17 Analyzed: 08/02/24 21:43

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	1.5	1.6	ng/L	1.51		97	50-150			ACA	J
4:2FTS	1.5	1.6	ng/L	1.50		99	50-150			ACA	J
6:2FTS	1.7	1.6	ng/L	1.52		108	50-150			ACA	
8:2FTS	1.3	1.6	ng/L	1.53		85	50-150			ACA	J
9CI-PF3ONS	1.4	1.6	ng/L	1.49		91	50-150			ACA	J
ADONA	1.4	1.6	ng/L	1.51		95	50-150			ACA	J
HFPO-DA	1.6	1.6	ng/L	1.6		99	50-150			ACA	J
NEtFOSAA	1.6	1.6	ng/L	1.6		103	50-150			ACA	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1668 - PFAS in Water by 533

MRL Check (B4G1668-MRL1)

Prepared: 07/30/24 06:17 Analyzed: 08/02/24 21:43

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
NFDHA	1.5	1.6	ng/L	1.6		97	50-150			ACA	J
PFBA	1.7	1.6	ng/L	1.6		106	50-150			ACA	
PFBS	1.5	1.6	ng/L	1.42		107	50-150			ACA	J
PFDA	1.4	1.6	ng/L	1.6		91	50-150			ACA	J
PFDoA	1.7	1.6	ng/L	1.6		106	50-150			ACA	
PFEESA	1.5	1.6	ng/L	1.42		102	50-150			ACA	J
PFHpA	1.5	1.6	ng/L	1.6		92	50-150			ACA	J
PFHpS	1.4	1.6	ng/L	1.52		92	50-150			ACA	J
PFHxA	1.8	1.6	ng/L	1.6		110	50-150			ACA	
PFHxS	1.5	1.6	ng/L	1.45		103	50-150			ACA	J
PFMBA	1.6	1.6	ng/L	1.6		97	50-150			ACA	J
PFMPA	1.6	1.6	ng/L	1.6		100	50-150			ACA	
PFNA	1.8	1.6	ng/L	1.6		115	50-150			ACA	
PFOA	1.5	1.6	ng/L	1.6		95	50-150			ACA	J
PFOS	1.5	1.6	ng/L	1.48		102	50-150			ACA	J
PFPeA	1.6	1.6	ng/L	1.6		103	50-150			ACA	
PFPeS	1.5	1.6	ng/L	1.50		99	50-150			ACA	J
PFUnA	1.6	1.6	ng/L	1.6		99	50-150			ACA	J

Matrix Spike (B4G1668-MS1)

Source: 24G2047-01

Prepared: 07/30/24 06:17 Analyzed: 08/03/24 01:34

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	15	1.7	ng/L	16.13	<	96	70-130			ACA	
4:2FTS	15	1.7	ng/L	16.03	<	96	70-130			ACA	
6:2FTS	15	1.7	ng/L	16.27	<	94	70-130			ACA	
8:2FTS	15	1.7	ng/L	16.41	<	89	70-130			ACA	
9CI-PF3ONS	16	1.7	ng/L	15.96	<	103	70-130			ACA	
ADONA	15	1.7	ng/L	16.17	<	94	70-130			ACA	
HFPO-DA	17	1.7	ng/L	17.09	<	97	70-130			ACA	
NEtFOSAA	19	1.7	ng/L	17.09	<	108	70-130			ACA	
NFDHA	14	1.7	ng/L	17.09	<	82	70-130			ACA	
PFBA	260	1.7	ng/L	17.09	270	NR	70-130			ACA	E2, M3
PFBS	14	1.7	ng/L	15.17	<	87	70-130			ACA	
PFDA	16	1.7	ng/L	17.09	<	93	70-130			ACA	
PFDoA	16	1.7	ng/L	17.09	<	95	70-130			ACA	
PFEESA	14	1.7	ng/L	15.24	<	92	70-130			ACA	
PFHpA	16	1.7	ng/L	17.09	<	91	70-130			ACA	
PFHpS	16	1.7	ng/L	16.30	<	97	70-130			ACA	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1668 - PFAS in Water by 533

Matrix Spike (B4G1668-MS1)

Source: 24G2047-01

Prepared: 07/30/24 06:17 Analyzed: 08/03/24 01:34

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
PFHxA	19	1.7	ng/L	17.09	3.6	92	70-130			ACA	
PFHxS	17	1.7	ng/L	15.59	2.6	91	70-130			ACA	
PFMBA	16	1.7	ng/L	17.09	<	96	70-130			ACA	
PFMPA	17	1.7	ng/L	17.09	<	101	70-130			ACA	
PFNA	17	1.7	ng/L	17.09	<	97	70-130			ACA	
PFOA	24	1.7	ng/L	17.09	7.8	94	70-130			ACA	
PFOS	16	1.7	ng/L	15.86	<	91	70-130			ACA	
PFPeA	21	1.7	ng/L	17.09	5.1	95	70-130			ACA	
PFPoS	16	1.7	ng/L	16.06	<	97	70-130			ACA	
PFUnA	17	1.7	ng/L	17.09	<	98	70-130			ACA	

Matrix Spike Dup (B4G1668-MSD1)

Source: 24G2047-01

Prepared: 07/30/24 06:17 Analyzed: 08/03/24 01:48

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	15	1.7	ng/L	15.86	<	95	70-130	2	30	ACA	
4:2FTS	14	1.7	ng/L	15.76	<	90	70-130	7	30	ACA	
6:2FTS	14	1.7	ng/L	16	<	86	70-130	11	30	ACA	
8:2FTS	17	1.7	ng/L	16.13	<	105	70-130	15	30	ACA	
9CI-PF3ONS	15	1.7	ng/L	15.69	<	94	70-130	11	30	ACA	
ADONA	15	1.7	ng/L	15.89	<	97	70-130	0.6	30	ACA	
HFPO-DA	16	1.7	ng/L	16.80	<	96	70-130	3	30	ACA	
NEtFOSAA	18	1.7	ng/L	16.80	<	105	70-130	5	30	ACA	
NFDHA	15	1.7	ng/L	16.80	<	90	70-130	7	30	ACA	
PFBA	260	1.7	ng/L	16.80	270	NR	70-130	0.1	30	ACA	E2, M3
PFBS	15	1.7	ng/L	14.92	<	98	70-130	9	30	ACA	
PFDA	17	1.7	ng/L	16.80	<	99	70-130	5	30	ACA	
PFDaA	17	1.7	ng/L	16.80	<	99	70-130	2	30	ACA	
PFEESA	14	1.7	ng/L	14.99	<	92	70-130	1	30	ACA	
PFHpA	17	1.7	ng/L	16.80	<	95	70-130	2	30	ACA	
PFHpS	17	1.7	ng/L	16.03	<	103	70-130	5	30	ACA	
PFHxA	20	1.7	ng/L	16.80	3.6	97	70-130	3	30	ACA	
PFHxS	17	1.7	ng/L	15.32	2.6	95	70-130	3	30	ACA	
PFMBA	16	1.7	ng/L	16.80	<	96	70-130	1	30	ACA	
PFMPA	17	1.7	ng/L	16.80	<	99	70-130	4	30	ACA	
PFNA	16	1.7	ng/L	16.80	<	94	70-130	5	30	ACA	
PFOA	25	1.7	ng/L	16.80	7.8	101	70-130	3	30	ACA	
PFOS	17	1.7	ng/L	15.59	<	99	70-130	6	30	ACA	
PFPeA	21	1.7	ng/L	16.80	5.1	92	70-130	4	30	ACA	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1668 - PFAS in Water by 533

Matrix Spike Dup (B4G1668-MSD1)

Source: 24G2047-01

Prepared: 07/30/24 06:17 Analyzed: 08/03/24 01:48

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
PFPeS	14	1.7	ng/L	15.79	<	86	70-130	13	30	ACA	
PFUnA	17	1.7	ng/L	16.80	<	99	70-130	0.005	30	ACA	

Batch B4G1727 - PFAS in Water by 533

Blank (B4G1727-BLK1)

Prepared: 08/01/24 06:43 Analyzed: 08/03/24 04:32

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	<	1.6	ng/L							ACA	
4:2FTS	<	1.6	ng/L							ACA	
6:2FTS	<	1.6	ng/L							ACA	
8:2FTS	<	1.6	ng/L							ACA	
9CI-PF3ONS	<	1.6	ng/L							ACA	
ADONA	<	1.6	ng/L							ACA	
HFPO-DA	<	1.6	ng/L							ACA	
NEtFOSAA	<	1.6	ng/L							ACA	
NFDHA	<	1.6	ng/L							ACA	
PFBA	<	1.6	ng/L							ACA	
PFBS	<	1.6	ng/L							ACA	
PFDA	<	1.6	ng/L							ACA	
PFDoA	<	1.6	ng/L							ACA	
PFEESA	<	1.6	ng/L							ACA	
PFHpA	<	1.6	ng/L							ACA	
PFHpS	<	1.6	ng/L							ACA	
PFHxA	<	1.6	ng/L							ACA	
PFHxS	<	1.6	ng/L							ACA	
PFMBA	<	1.6	ng/L							ACA	
PFMPA	<	1.6	ng/L							ACA	
PFNA	<	1.6	ng/L							ACA	
PFOA	<	1.6	ng/L							ACA	
PFOS	<	1.6	ng/L							ACA	
PFPeA	<	1.6	ng/L							ACA	
PFPeS	<	1.6	ng/L							ACA	
PFUnA	<	1.6	ng/L							ACA	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1727 - PFAS in Water by 533

LCS (B4G1727-BS1)

Prepared: 08/01/24 06:43 Analyzed: 08/03/24 04:18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	19	1.6	ng/L	18.88		101	70-130			ACA	
4:2FTS	17	1.6	ng/L	18.76		89	70-130			ACA	
6:2FTS	20	1.6	ng/L	19.04		107	70-130			ACA	
8:2FTS	17	1.6	ng/L	19.2		89	70-130			ACA	
9CI-PF3ONS	20	1.6	ng/L	18.68		106	70-130			ACA	
ADONA	18	1.6	ng/L	18.92		96	70-130			ACA	
HFPO-DA	19	1.6	ng/L	20		97	70-130			ACA	
NEtFOSAA	23	1.6	ng/L	20		117	70-130			ACA	
NFDHA	20	1.6	ng/L	20		100	70-130			ACA	
PFBA	20	1.6	ng/L	20		101	70-130			ACA	
PFBS	18	1.6	ng/L	17.76		100	70-130			ACA	
PFDA	20	1.6	ng/L	20		98	70-130			ACA	
PFDoA	20	1.6	ng/L	20		101	70-130			ACA	
PFEESA	15	1.6	ng/L	17.84		87	70-130			ACA	
PFHpA	20	1.6	ng/L	20		101	70-130			ACA	
PFHpS	20	1.6	ng/L	19.08		106	70-130			ACA	
PFHxA	21	1.6	ng/L	20		103	70-130			ACA	
PFHxS	18	1.6	ng/L	18.24		101	70-130			ACA	
PFMBA	20	1.6	ng/L	20		100	70-130			ACA	
PFMPA	20	1.6	ng/L	20		100	70-130			ACA	
PFNA	21	1.6	ng/L	20		105	70-130			ACA	
PFOA	19	1.6	ng/L	20		95	70-130			ACA	
PFOS	20	1.6	ng/L	18.56		107	70-130			ACA	
PFPeA	19	1.6	ng/L	20		97	70-130			ACA	
PFPeS	19	1.6	ng/L	18.8		100	70-130			ACA	
PFUnA	20	1.6	ng/L	20		102	70-130			ACA	

Duplicate (B4G1727-DUP1)

Source: 24G2070-04

Prepared: 08/01/24 06:43 Analyzed: 08/03/24 09:04

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	<	1.9	ng/L		<				30	ACA	
4:2FTS	<	1.9	ng/L		<				30	ACA	
6:2FTS	<	1.9	ng/L		<				30	ACA	
8:2FTS	<	1.9	ng/L		<				30	ACA	
9CI-PF3ONS	<	1.9	ng/L		<				30	ACA	
ADONA	<	1.9	ng/L		<				30	ACA	
HFPO-DA	<	1.9	ng/L		<				30	ACA	
NEtFOSAA	<	1.9	ng/L		<				30	ACA	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1727 - PFAS in Water by 533

Duplicate (B4G1727-DUP1)			Source: 24G2070-04		Prepared: 08/01/24 06:43 Analyzed: 08/03/24 09:04						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
NFDHA	<	1.9	ng/L		<				30	ACA	
PFBA	<	1.9	ng/L		<				30	ACA	
PFBS	<	1.9	ng/L		<				30	ACA	
PFDA	<	1.9	ng/L		<				30	ACA	
PFDaA	<	1.9	ng/L		<				30	ACA	
PFEESA	<	1.9	ng/L		<				30	ACA	
PFHpA	<	1.9	ng/L		<				30	ACA	
PFHpS	<	1.9	ng/L		<				30	ACA	
PFHxA	<	1.9	ng/L		<				30	ACA	
PFHxS	<	1.9	ng/L		<				30	ACA	
PFMBA	<	1.9	ng/L		<				30	ACA	
PFMPA	<	1.9	ng/L		<				30	ACA	
PFNA	<	1.9	ng/L		<				30	ACA	
PFOA	<	1.9	ng/L		<				30	ACA	
PFOS	<	1.9	ng/L		<				30	ACA	
PFPaA	<	1.9	ng/L		<				30	ACA	
PFPaS	<	1.9	ng/L		<				30	ACA	
PFUnA	<	1.9	ng/L		<				30	ACA	

Matrix Spike (B4G1727-MS1)			Source: 24G2070-03		Prepared: 08/01/24 06:43 Analyzed: 08/03/24 08:37						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	15	1.8	ng/L	16.93	<	91	70-130			ACA	
4:2FTS	13	1.8	ng/L	16.82	<	78	70-130			ACA	
6:2FTS	17	1.8	ng/L	17.07	<	100	70-130			ACA	
8:2FTS	15	1.8	ng/L	17.22	<	90	70-130			ACA	
9CI-PF3ONS	16	1.8	ng/L	16.75	<	96	70-130			ACA	
ADONA	16	1.8	ng/L	16.96	<	93	70-130			ACA	
HFPO-DA	17	1.8	ng/L	17.93	<	92	70-130			ACA	
NEtFOSAA	19	1.8	ng/L	17.93	<	106	70-130			ACA	
NFDHA	13	1.8	ng/L	17.93	<	75	70-130			ACA	
PFBA	96	1.8	ng/L	17.93	87	51	70-130			ACA	M2
PFBS	16	1.8	ng/L	15.92	<	95	70-130			ACA	
PFDA	15	1.8	ng/L	17.93	<	85	70-130			ACA	
PFDaA	17	1.8	ng/L	17.93	<	94	70-130			ACA	
PFEESA	15	1.8	ng/L	16	<	96	70-130			ACA	
PFHpA	16	1.8	ng/L	17.93	<	89	70-130			ACA	
PFHpS	17	1.8	ng/L	17.11	<	101	70-130			ACA	

FINAL REPORT

Report ID: 08142024220319

Generated: 8/14/2024 10:03:07PM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4G1727 - PFAS in Water by 533

Matrix Spike (B4G1727-MS1)				Source: 24G2070-03		Prepared: 08/01/24 06:43 Analyzed: 08/03/24 08:37					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
PFHxA	17	1.8	ng/L	17.93	<	94	70-130			ACA	
PFHxS	18	1.8	ng/L	16.35	2.7	92	70-130			ACA	
PFMBA	16	1.8	ng/L	17.93	<	91	70-130			ACA	
PFMPA	17	1.8	ng/L	17.93	<	94	70-130			ACA	
PFNA	17	1.8	ng/L	17.93	<	96	70-130			ACA	
PFOA	17	1.8	ng/L	17.93	<	94	70-130			ACA	
PFOS	16	1.8	ng/L	16.64	<	98	70-130			ACA	
PFPeA	18	1.8	ng/L	17.93	<	95	70-130			ACA	
PFPeS	17	1.8	ng/L	16.86	<	99	70-130			ACA	
PFUnA	17	1.8	ng/L	17.93	<	96	70-130			ACA	

Data Qualifiers and Definitions

E2	Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to sample matrix problems.
J	Analyte was present between the method detection limit and reporting limit and should be considered an estimated value.
M2	Matrix spike and/or matrix spike duplicate recovery was low; the associated laboratory control sample and/or laboratory control sample duplicate recovery was acceptable.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated laboratory control sample and/or laboratory control sample duplicate recovery was acceptable.

Work Order Comments

Samples were received in proper condition.

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

Apple Valley WTP Effluent
Apple Valley Wells
2024 Quarter 4

PWSID: 1190001
System Name: Apple Valley
City: Apple Valley

Program Code: HC

Type: X

Date Received: 11/13/24 13:59
Rep. Temp. (°C): 8.4

Collector Name: Andrew Karp
Collector ID: 8126

MDH Sample Number: 24K0753-01

Location ID: E01
Sampling Point: TREATMENT PLANT #1
Field Number: AK528

Collect Date: 11/13/24
Collect Time: 08:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
ADONA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
NFDHA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	V1
PFBA	32	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFBS	1.0	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	J
PFDA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFDoA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFEESA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFHpA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFHpS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFHxA	0.80	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	J
PFHxS	2.8	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFMBA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFMPA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFNA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFOA	3.9	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFOS	3.2	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFPeA	1.1	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	J
PFPeS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	
PFUnA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:08	APM	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-02

Location ID: S04
Sampling Point: Well #4
Field Number: AK529

Collect Date: 11/13/24
Collect Time: 09:15
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
ADONA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
NFDHA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	V1
PFBA	60	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFBS	2.0	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFDA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFDoA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFEESA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFHpA	0.80	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	J
PFHpS	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFHxA	2.3	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFHxS	7.0	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFMBA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFMPA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFNA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFOA	4.7	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFOS	8.7	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFPeA	3.5	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	
PFPeS	0.88	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	J
PFUnA	<	1.7	ng/L	B4K0819	11/20/24 08:51	11/20/24 22:22	APM	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-03

Location ID: S05
Sampling Point: Well #5
Field Number: AK530

Collect Date: 11/13/24
Collect Time: 09:00
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFBA	18	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFBS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFHxS	0.98	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	J
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFOA	1.5	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	J
PFOS	0.62	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	J
PFPeA	0.68	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	J
PFPeS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:44	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-04

Location ID: S06
Sampling Point: Well #6
Field Number: AK531

Collect Date: 11/13/24
Collect Time: 09:10
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFBA	30	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFBS	0.83	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFHxA	0.96	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	J
PFHxS	2.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFOA	2.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFOS	3.0	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFPeA	1.4	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	J
PFPeS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 12:58	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-05

Location ID: S07
Sampling Point: Well #7
Field Number: AK532

Collect Date: 11/13/24
Collect Time: 09:40
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFBA	14	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFBS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFHxS	0.49	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	J
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFOA	1.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	J
PFOS	0.55	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	J
PFPeA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:12	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-06

Location ID: S08
Sampling Point: Well #8
Field Number: AK533

Collect Date: 11/13/24
Collect Time: 10:15
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFBA	44	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFBS	1.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFHpA	0.54	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	J
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFHxA	1.6	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	J
PFHxS	8.0	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFOA	7.4	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFOS	12	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFPeA	2.1	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	
PFPeS	0.99	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:25	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-07

Location ID: S09
Sampling Point: Well #9
Field Number: AK534

Collect Date: 11/13/24
Collect Time: 10:00
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFBA	41	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFBS	1.3	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	J
PFDA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFDaA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFHpA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFHpS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFHxA	1.0	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	J
PFHxS	1.1	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	J
PFMBA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFOA	1.2	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	J
PFOS	0.83	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	J
PFPeA	2.0	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFPeS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	
PFUnA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:39	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-08

Location ID: S10
Sampling Point: Well #10
Field Number: AK535

Collect Date: 11/13/24
Collect Time: 10:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFBA	60	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFBS	2.9	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFHpA	0.86	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	J
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFHxA	2.2	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFHxS	5.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFOA	5.8	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFOS	6.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFPeA	3.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	
PFPeS	0.85	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 13:53	ACA	EPA 533	

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24K0753-09

Location ID: S11
Sampling Point: Well #11
Field Number: AK536

Collect Date: 11/13/24
Collect Time: 10:25
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFBA	60	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFBS	1.3	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFDoA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFHxA	0.86	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	J
PFHxS	4.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFOA	2.0	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFOS	6.0	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	
PFPeA	1.6	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	J
PFPeS	0.58	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:06	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24K0753-10

Location ID: S12
Sampling Point: Well #12
Field Number: AK537

Collect Date: 11/13/24
Collect Time: 11:00
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFBA	40	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFBS	1.7	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFHpA	0.63	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	J
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFHxA	1.5	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	J
PFHxS	5.1	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFOA	7.1	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFOS	5.5	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFPeA	2.1	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	
PFPeS	0.72	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:20	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-11

Location ID: S13
Sampling Point: Well #13
Field Number: AK538

Collect Date: 11/13/24
Collect Time: 10:50
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFBA	39	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFBS	1.2	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	J
PFDA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFDoA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFHpA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFHpS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFHxA	0.77	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	J
PFHxS	5.0	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFOA	2.2	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFOS	2.3	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	
PFPeA	1.4	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	J
PFPeS	0.47	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	J
PFUnA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:33	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24K0753-12

Location ID: S18
Sampling Point: Well #17
Field Number: AK539

Collect Date: 11/13/24
Collect Time: 09:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFBA	9.9	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFBS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFDA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFDaA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFHpA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFHpS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFHxA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFHxS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFOA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFOS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFPeA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFPeS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	
PFUnA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 14:47	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-13

Location ID: S19
Sampling Point: Well #18
Field Number: AK540

Collect Date: 11/13/24
Collect Time: 09:50
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	V1
PFBA	46	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFBS	2.9	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFDA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFDoA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFHpA	0.78	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	J
PFHpS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFHxA	2.1	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFHxS	2.4	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFOA	2.9	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFOS	2.2	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFPeA	3.4	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFPeS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	
PFUnA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:14	ACA	EPA 533	

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

MDH Sample Number: 24K0753-14

Location ID: S20
Sampling Point: Well #19
Field Number: AK541

Collect Date: 11/13/24
Collect Time: 10:45
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
4:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
6:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
8:2FTS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
9CI-PF3ONS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
ADONA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
HFPO-DA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
NEtFOSAA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
NFDHA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	V1
PFBA	40	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFBS	1.4	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	J
PFDA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFDoA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFEESA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFHpA	0.52	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	J
PFHpS	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFHxA	1.5	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	J
PFHxS	2.7	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFMBA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFMPA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFNA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFOA	8.4	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFOS	2.3	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFPeA	1.9	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	
PFPeS	0.57	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	J
PFUnA	<	1.8	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:28	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24K0753-15

Location ID: S21
Sampling Point: Well #20
Field Number: AK542

Collect Date: 11/13/24
Collect Time: 11:15
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	V1
PFBA	31	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFBS	1.2	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	J
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFHxS	3.4	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFOA	5.8	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFOS	4.0	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	
PFPeA	1.1	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	J
PFPeS	0.40	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	J
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 15:42	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001

MDH Sample Number: 24K0753-16

Location ID: None
Sampling Point: Field Blank

Collect Date: 11/13/24
Collect Time: 08:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

PFAS in Water 533

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
11CI-PF3OUdS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
4:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
6:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
8:2FTS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
9CI-PF3ONS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
ADONA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
HFPO-DA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
NEtFOSAA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
NFDHA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	V1
PFBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFBS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFDA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFDaA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFEESA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFHpA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFHpS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFHxA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFHxS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFMBA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFMPA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFNA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFOA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFOS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFPeA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFPeS	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	
PFUnA	<	1.7	ng/L	B4K0820	11/22/24 06:18	11/22/24 16:15	ACA	EPA 533	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0819 - PFAS in Water by 533

Blank (B4K0819-BLK1)

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 17:08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	<	1.6	ng/L							APM	
4:2FTS	<	1.6	ng/L							APM	
6:2FTS	<	1.6	ng/L							APM	
8:2FTS	<	1.6	ng/L							APM	
9CI-PF3ONS	<	1.6	ng/L							APM	
ADONA	<	1.6	ng/L							APM	
HFPO-DA	<	1.6	ng/L							APM	
NEtFOSAA	<	1.6	ng/L							APM	
NFDHA	<	1.6	ng/L							APM	V1
PFBA	<	1.6	ng/L							APM	
PFBS	<	1.6	ng/L							APM	
PFDA	<	1.6	ng/L							APM	
PFDoA	<	1.6	ng/L							APM	
PFEESA	<	1.6	ng/L							APM	
PFHpA	<	1.6	ng/L							APM	
PFHpS	<	1.6	ng/L							APM	
PFHxA	<	1.6	ng/L							APM	
PFHxS	<	1.6	ng/L							APM	
PFMBA	<	1.6	ng/L							APM	
PFMPA	<	1.6	ng/L							APM	
PFNA	<	1.6	ng/L							APM	
PFOA	<	1.6	ng/L							APM	
PFOS	<	1.6	ng/L							APM	
PFPeA	<	1.6	ng/L							APM	
PFPeS	<	1.6	ng/L							APM	
PFUnA	<	1.6	ng/L							APM	

MRL Check (B4K0819-MRL1)

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 16:55

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	1.5	1.6	ng/L	1.51		98	50-150			APM	J
4:2FTS	1.6	1.6	ng/L	1.50		107	50-150			APM	
6:2FTS	1.7	1.6	ng/L	1.52		113	50-150			APM	
8:2FTS	1.7	1.6	ng/L	1.53		109	50-150			APM	
9CI-PF3ONS	1.5	1.6	ng/L	1.49		98	50-150			APM	J
ADONA	1.5	1.6	ng/L	1.51		96	50-150			APM	J
HFPO-DA	1.5	1.6	ng/L	1.6		95	50-150			APM	J
NEtFOSAA	1.6	1.6	ng/L	1.6		98	50-150			APM	J

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0819 - PFAS in Water by 533

MRL Check (B4K0819-MRL1)

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 16:55

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
NFDHA	2.0	1.6	ng/L	1.6		126	50-150			APM	V1
PFBA	1.6	1.6	ng/L	1.6		99	50-150			APM	J
PFBS	1.4	1.6	ng/L	1.42		95	50-150			APM	J
PFDA	1.6	1.6	ng/L	1.6		97	50-150			APM	J
PFDoA	1.6	1.6	ng/L	1.6		99	50-150			APM	J
PFEESA	1.3	1.6	ng/L	1.42		91	50-150			APM	J
PFHpA	1.6	1.6	ng/L	1.6		101	50-150			APM	
PFHpS	1.5	1.6	ng/L	1.52		98	50-150			APM	J
PFHxA	1.8	1.6	ng/L	1.6		110	50-150			APM	
PFHxS	1.5	1.6	ng/L	1.45		102	50-150			APM	J
PFMBA	1.7	1.6	ng/L	1.6		104	50-150			APM	
PFMPA	1.6	1.6	ng/L	1.6		99	50-150			APM	J
PFNA	1.5	1.6	ng/L	1.6		94	50-150			APM	J
PFOA	1.7	1.6	ng/L	1.6		104	50-150			APM	
PFOS	1.5	1.6	ng/L	1.48		101	50-150			APM	J
PFPeA	1.7	1.6	ng/L	1.6		107	50-150			APM	
PFPeS	1.5	1.6	ng/L	1.50		101	50-150			APM	J
PFUnA	1.7	1.6	ng/L	1.6		104	50-150			APM	

Matrix Spike (B4K0819-MS1)

Source: 24K0358-01

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 17:35

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	16	1.6	ng/L	15.36	<	102	70-130			APM	
4:2FTS	16	1.6	ng/L	15.26	<	105	70-130			APM	
6:2FTS	17	1.6	ng/L	15.49	<	111	70-130			APM	
8:2FTS	14	1.6	ng/L	15.62	<	90	70-130			APM	
9CI-PF3ONS	15	1.6	ng/L	15.19	<	97	70-130			APM	
ADONA	15	1.6	ng/L	15.39	<	97	70-130			APM	
HFPO-DA	16	1.6	ng/L	16.27	<	101	70-130			APM	
NEtFOSAA	16	1.6	ng/L	16.27	<	100	70-130			APM	
NFDHA	24	1.6	ng/L	16.27	<	147	70-130			APM	M1, V1
PFBA	42	1.6	ng/L	16.27	27	94	70-130			APM	
PFBS	15	1.6	ng/L	14.45	<	100	70-130			APM	
PFDA	17	1.6	ng/L	16.27	<	106	70-130			APM	
PFDoA	17	1.6	ng/L	16.27	<	103	70-130			APM	
PFEESA	14	1.6	ng/L	14.51	<	98	70-130			APM	
PFHpA	17	1.6	ng/L	16.27	<	102	70-130			APM	
PFHpS	15	1.6	ng/L	15.52	<	97	70-130			APM	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0819 - PFAS in Water by 533

Matrix Spike (B4K0819-MS1)

Source: 24K0358-01

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 17:35

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
PFHxA	18	1.6	ng/L	16.27	<	108	70-130			APM	
PFHxS	15	1.6	ng/L	14.84	<	100	70-130			APM	
PFMBA	18	1.6	ng/L	16.27	<	109	70-130			APM	
PFMPA	17	1.6	ng/L	16.27	<	103	70-130			APM	
PFNA	17	1.6	ng/L	16.27	<	102	70-130			APM	
PFOA	18	1.6	ng/L	16.27	<	111	70-130			APM	
PFOS	15	1.6	ng/L	15.10	<	101	70-130			APM	
PFPeA	17	1.6	ng/L	16.27	<	102	70-130			APM	
PFPeS	15	1.6	ng/L	15.29	<	101	70-130			APM	
PFUnA	17	1.6	ng/L	16.27	<	107	70-130			APM	

Matrix Spike Dup (B4K0819-MSD1)

Source: 24K0358-01

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 17:49

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	16	1.7	ng/L	15.70	<	101	70-130	1	30	APM	
4:2FTS	19	1.7	ng/L	15.60	<	121	70-130	16	30	APM	
6:2FTS	17	1.7	ng/L	15.83	<	106	70-130	2	30	APM	
8:2FTS	15	1.7	ng/L	15.96	<	92	70-130	4	30	APM	
9CI-PF3ONS	15	1.7	ng/L	15.53	<	98	70-130	3	30	APM	
ADONA	16	1.7	ng/L	15.73	<	99	70-130	4	30	APM	
HFPO-DA	17	1.7	ng/L	16.63	<	104	70-130	5	30	APM	
NEtFOSAA	18	1.7	ng/L	16.63	<	110	70-130	11	30	APM	
NFDHA	25	1.7	ng/L	16.63	<	151	70-130	5	30	APM	M1, V1
PFBA	45	1.7	ng/L	16.63	27	106	70-130	5	30	APM	
PFBS	16	1.7	ng/L	14.76	<	110	70-130	11	30	APM	
PFDA	18	1.7	ng/L	16.63	<	106	70-130	3	30	APM	
PFDoA	17	1.7	ng/L	16.63	<	101	70-130	0.01	30	APM	
PFEESA	15	1.7	ng/L	14.83	<	102	70-130	6	30	APM	
PFHpA	18	1.7	ng/L	16.63	<	107	70-130	7	30	APM	
PFHpS	17	1.7	ng/L	15.86	<	109	70-130	13	30	APM	
PFHxA	18	1.7	ng/L	16.63	<	111	70-130	4	30	APM	
PFHxS	16	1.7	ng/L	15.16	<	104	70-130	6	30	APM	
PFMBA	16	1.7	ng/L	16.63	<	98	70-130	9	30	APM	
PFMPA	18	1.7	ng/L	16.63	<	110	70-130	9	30	APM	
PFNA	17	1.7	ng/L	16.63	<	102	70-130	3	30	APM	
PFOA	19	1.7	ng/L	16.63	<	112	70-130	3	30	APM	
PFOS	16	1.7	ng/L	15.43	<	106	70-130	7	30	APM	
PFPeA	17	1.7	ng/L	16.63	<	104	70-130	4	30	APM	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0819 - PFAS in Water by 533

Matrix Spike Dup (B4K0819-MSD1)

Source: 24K0358-01

Prepared: 11/20/24 08:51 Analyzed: 11/20/24 17:49

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
PFPeS	16	1.7	ng/L	15.63	<	103	70-130	5	30	APM	
PFUnA	16	1.7	ng/L	16.63	<	98	70-130	7	30	APM	

Batch B4K0820 - PFAS in Water by 533

Blank (B4K0820-BLK1)

Prepared: 11/22/24 06:18 Analyzed: 11/22/24 12:31

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	<	1.6	ng/L							ACA	
4:2FTS	<	1.6	ng/L							ACA	
6:2FTS	<	1.6	ng/L							ACA	
8:2FTS	<	1.6	ng/L							ACA	
9CI-PF3ONS	<	1.6	ng/L							ACA	
ADONA	<	1.6	ng/L							ACA	
HFPO-DA	<	1.6	ng/L							ACA	
NEtFOSAA	<	1.6	ng/L							ACA	
NFDHA	<	1.6	ng/L							ACA	
PFBA	<	1.6	ng/L							ACA	
PFBS	<	1.6	ng/L							ACA	
PFDA	<	1.6	ng/L							ACA	
PFDoA	<	1.6	ng/L							ACA	
PFEESA	<	1.6	ng/L							ACA	
PFHpA	<	1.6	ng/L							ACA	
PFHpS	<	1.6	ng/L							ACA	
PFHxA	<	1.6	ng/L							ACA	
PFHxS	<	1.6	ng/L							ACA	
PFMBA	<	1.6	ng/L							ACA	
PFMPA	<	1.6	ng/L							ACA	
PFNA	<	1.6	ng/L							ACA	
PFOA	<	1.6	ng/L							ACA	
PFOS	<	1.6	ng/L							ACA	
PFPeA	<	1.6	ng/L							ACA	
PFPeS	<	1.6	ng/L							ACA	
PFUnA	<	1.6	ng/L							ACA	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0820 - PFAS in Water by 533

LCS (B4K0820-BS1)

Prepared: 11/22/24 06:18 Analyzed: 11/22/24 12:17

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	34	1.6	ng/L	37.76		90	70-130			ACA	
4:2FTS	30	1.6	ng/L	37.52		81	70-130			ACA	
6:2FTS	34	1.6	ng/L	38.08		89	70-130			ACA	
8:2FTS	29	1.6	ng/L	38.4		76	70-130			ACA	
9CI-PF3ONS	31	1.6	ng/L	37.36		83	70-130			ACA	
ADONA	32	1.6	ng/L	37.84		84	70-130			ACA	
HFPO-DA	35	1.6	ng/L	40		87	70-130			ACA	
NEtFOSAA	37	1.6	ng/L	40		92	70-130			ACA	
NFDHA	39	1.6	ng/L	40		98	70-130			ACA	
PFBA	36	1.6	ng/L	40		90	70-130			ACA	
PFBS	32	1.6	ng/L	35.52		89	70-130			ACA	
PFDA	35	1.6	ng/L	40		88	70-130			ACA	
PFDoA	36	1.6	ng/L	40		91	70-130			ACA	
PFEESA	32	1.6	ng/L	35.68		90	70-130			ACA	
PFHpA	35	1.6	ng/L	40		88	70-130			ACA	
PFHpS	33	1.6	ng/L	38.16		88	70-130			ACA	
PFHxA	36	1.6	ng/L	40		90	70-130			ACA	
PFHxS	32	1.6	ng/L	36.48		89	70-130			ACA	
PFMBA	37	1.6	ng/L	40		93	70-130			ACA	
PFMPA	37	1.6	ng/L	40		92	70-130			ACA	
PFNA	33	1.6	ng/L	40		82	70-130			ACA	
PFOA	36	1.6	ng/L	40		91	70-130			ACA	
PFOS	31	1.6	ng/L	37.12		85	70-130			ACA	
PFPeA	37	1.6	ng/L	40		92	70-130			ACA	
PFPeS	34	1.6	ng/L	37.6		91	70-130			ACA	
PFUnA	36	1.6	ng/L	40		90	70-130			ACA	

Matrix Spike (B4K0820-MS1)

Source: 24K0821-02

Prepared: 11/22/24 06:18 Analyzed: 11/22/24 16:56

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	13	1.7	ng/L	16.34	<	82	70-130			ACA	
4:2FTS	13	1.7	ng/L	16.24	<	80	70-130			ACA	W4
6:2FTS	15	1.7	ng/L	16.48	<	92	70-130			ACA	
8:2FTS	13	1.7	ng/L	16.62	<	81	70-130			ACA	
9CI-PF3ONS	13	1.7	ng/L	16.17	<	82	70-130			ACA	
ADONA	14	1.7	ng/L	16.38	<	84	70-130			ACA	
HFPO-DA	15	1.7	ng/L	17.31	<	89	70-130			ACA	
NEtFOSAA	17	1.7	ng/L	17.31	<	96	70-130			ACA	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0820 - PFAS in Water by 533

Matrix Spike (B4K0820-MS1)			Source: 24K0821-02		Prepared: 11/22/24 06:18 Analyzed: 11/22/24 16:56						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
NFDHA	24	1.7	ng/L	17.31	<	136	70-130			ACA	M1, V1
PFBA	23	1.7	ng/L	17.31	7.5	89	70-130			ACA	
PFBS	13	1.7	ng/L	15.37	<	83	70-130			ACA	
PFDA	15	1.7	ng/L	17.31	<	88	70-130			ACA	
PFDoA	15	1.7	ng/L	17.31	<	88	70-130			ACA	
PFEESA	14	1.7	ng/L	15.44	<	91	70-130			ACA	
PFHpA	18	1.7	ng/L	17.31	2.3	88	70-130			ACA	
PFHpS	14	1.7	ng/L	16.51	<	82	70-130			ACA	
PFHxA	23	1.7	ng/L	17.31	7.8	90	70-130			ACA	
PFHxS	16	1.7	ng/L	15.79	2.8	85	70-130			ACA	
PFMBA	16	1.7	ng/L	17.31	<	90	70-130			ACA	
PFMPA	17	1.7	ng/L	17.31	<	96	70-130			ACA	
PFNA	15	1.7	ng/L	17.31	<	85	70-130			ACA	
PFOA	26	1.7	ng/L	17.31	12	82	70-130			ACA	
PFOS	17	1.7	ng/L	16.06	3.8	84	70-130			ACA	
PFPeA	19	1.7	ng/L	17.31	3.1	90	70-130			ACA	
PFPeS	14	1.7	ng/L	16.27	<	83	70-130			ACA	
PFUnA	15	1.7	ng/L	17.31	<	89	70-130			ACA	

Matrix Spike Dup (B4K0820-MSD1)				Source: 24K0821-02		Prepared: 11/22/24 06:18		Analyzed: 11/22/24 17:10			
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
11CI-PF3OUdS	14	1.8	ng/L	17.40	<	83	70-130	7	30	ACA	W4
4:2FTS	18	1.8	ng/L	17.29	<	102	70-130	31	30	ACA	
6:2FTS	21	1.8	ng/L	17.54	<	117	70-130	30	30	ACA	
8:2FTS	15	1.8	ng/L	17.69	<	86	70-130	12	30	ACA	
9CI-PF3ONS	14	1.8	ng/L	17.21	<	81	70-130	5	30	ACA	M1, V1
ADONA	16	1.8	ng/L	17.43	<	90	70-130	13	30	ACA	
HFPO-DA	17	1.8	ng/L	18.43	<	90	70-130	7	30	ACA	
NEtFOSAA	20	1.8	ng/L	18.43	<	106	70-130	16	30	ACA	
NFDHA	24	1.8	ng/L	18.43	<	131	70-130	3	30	ACA	
PFBA	25	1.8	ng/L	18.43	7.5	96	70-130	9	30	ACA	
PFBS	14	1.8	ng/L	16.36	<	83	70-130	6	30	ACA	
PFDA	18	1.8	ng/L	18.43	<	96	70-130	15	30	ACA	
PFDaA	17	1.8	ng/L	18.43	<	90	70-130	8	30	ACA	
PFEESA	15	1.8	ng/L	16.44	<	91	70-130	6	30	ACA	
PFHpA	19	1.8	ng/L	18.43	2.3	88	70-130	6	30	ACA	
PFHpS	14	1.8	ng/L	17.58	<	82	70-130	6	30	ACA	

FINAL REPORT

Report ID: 12112024 91800

Generated: 12/11/2024 9:17:51AM

Authorized by:

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

PWSID: 1190001

Results were produced by Minnesota Department of Health, except where noted.

Batch B4K0820 - PFAS in Water by 533

Matrix Spike Dup (B4K0820-MSD1)				Source: 24K0821-02		Prepared: 11/22/24 06:18 Analyzed: 11/22/24 17:10					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
PFHxA	25	1.8	ng/L	18.43	7.8	92	70-130	6	30	ACA	
PFHxS	19	1.8	ng/L	16.81	2.8	95	70-130	15	30	ACA	
PFMBA	18	1.8	ng/L	18.43	<	100	70-130	16	30	ACA	
PFMPA	19	1.8	ng/L	18.43	<	102	70-130	12	30	ACA	
PFNA	17	1.8	ng/L	18.43	<	90	70-130	8	30	ACA	
PFOA	31	1.8	ng/L	18.43	12	102	70-130	16	30	ACA	
PFOS	18	1.8	ng/L	17.10	3.8	82	70-130	3	30	ACA	
PFPeA	21	1.8	ng/L	18.43	3.1	98	70-130	12	30	ACA	
PFPeS	17	1.8	ng/L	17.32	<	98	70-130	20	30	ACA	
PFUnA	18	1.8	ng/L	18.43	<	98	70-130	15	30	ACA	

Data Qualifiers and Definitions

J	Analyte was present between the method detection limit and reporting limit and should be considered an estimated value.
M1	Matrix spike and/or matrix spike duplicate recovery was high; the associated laboratory control sample and/or laboratory control sample duplicate recovery was acceptable.
V1	Calibration verification standard recovery was above method acceptance limits. This target analyte was not detected in the sample.
W4	Matrix spike/matrix spike duplicate relative percent difference exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

Work Order Comments

Samples were received in proper condition.

Authorized by:

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



Protecting, Maintaining and Improving the Health of All Minnesotans

Apple Valley WTP Effluent
Radium
August 2023

To: Community Water System Owner/Operator

From: Community Water Supply Unit
Section of Drinking Water Protection

Subject: Sample Analysis Results for your Public Water System

Enclosed are the results of analyses performed on water sample(s) collected from your public water system. These results show that your system is in compliance with maximum contaminant levels set by the state and federal Safe Drinking Water Rules for the contaminants analyzed. These results must be kept in your files for a minimum of ten (10) years.

Analyses are attached for the contaminant groups checked below:

- | | |
|--|---|
| ☐ Ammonia | ☐ Radon (proposed rule-MCL 4000) |
| ☐ Coliform Bacteria | ☐ Synthetic Organics |
| ☐ Inorganics | ☐ Trihalomethanes/Haloacetic Acids |
| ☐ Nitrate | ☐ Volatile Organics |
| ☐ Nitrite | ☐ Other |
| ☒ Radiochemical(s) | |

If you have any questions concerning these results, please contact your Department of Health district engineer.

Bemidji

Eric Weller 218/308-2107

Duluth

Jennifer Showers 320/223-7340

Fergus Falls

Lucas Hoffman 218/332-5146

Mankato

Amy Lynch 507/344-2713

Marshall

Kim Larsen 320/223-7330

Rochester

Kate Novy 507/206-2724

St. Cloud

Hunter Blommer 320/223-7339

Collin Fetters 320/470-8033

St. Paul

Lucas Martin 651/201-4144

Andrew Karp 651/359-0827

Brian Noma 651/201-3971



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: 1190001
System Name: Apple Valley
City: Apple Valley

Program Code: HC

Type: B

Date Received: 08/09/23 13:34
Rep. Temp. (°C): 16.1

Collector Name: Roger Dingman
Collector ID: None

MDH Sample Number: 23H1226-01

Location ID: E01
Sampling Point: TREATMENT PLANT #1

Collect Date: 08/09/23
Collect Time: 12:30
Matrix: Drinking Water

Field Residual Chlorine Result: 1.26
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Radiochemical Parameters

Analyte	Result	Reporting Limit	Counting Uncertainty	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Gross Alpha	12	3.0	3.7761	pCi/L	B3J0929	10/04/23 16:11	10/18/23 00:00	JJF	EPA 900.0	

The following results were produced by Pace Analytical Services, Inc.

Radiochemical Parameters

Analyte	Result	Reporting Limit	Counting Uncertainty	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Radium-228	1.67	0.353	0.233	pCi/L	[none]	11/30/23 00:00	12/05/23 00:00		EPA 904.0	

Radiochemical Parameters

Analyte	Result	Reporting Limit	Counting Uncertainty	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Radium-226	2.52	0.152	0.392	pCi/L	[none]	12/04/23 00:00	12/12/23 00:00		SM7500RaB	

FINAL REPORT

Report ID: 01032024160948

Generated: 1/3/2024 4:09:38PM

Authorized by:

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.

Final Report

Results were produced by Minnesota Department of Health, except where noted.

Batch B3J0929 - Radiochemistry Alpha/Beta Prep

Blank (B3J0929-BLK1)

Prepared: 10/04/23 16:11 Analyzed: 10/18/23 00:00

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Gross Alpha	<	3.0	pCi/L							JJF	

LCS (B3J0929-BS1)

Prepared: 10/04/23 16:11 Analyzed: 10/18/23 00:00

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Gross Alpha	11.1	3.0	pCi/L	11.60		96	70-130			JJF	

Duplicate (B3J0929-DUP1)

Source: 23H1221-01

Prepared: 10/04/23 16:11 Analyzed: 10/18/23 00:00

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Gross Alpha	6.7	3.0	pCi/L		5.1			27	20	JJF	W8

Matrix Spike (B3J0929-MS1)

Source: 23H1206-04

Prepared: 10/04/23 16:11 Analyzed: 10/18/23 00:00

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Gross Alpha	19.3	3.0	pCi/L	11.60	6.5	110	70-130			JJF	

Data Qualifiers and Definitions

W8 Sample/sample duplicate relative percent difference exceeded the laboratory acceptance limit.

Work Order Comments

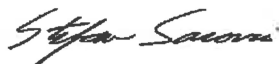
Samples were received in proper condition.

FINAL REPORT

Report ID: 01032024160948

Generated: 1/3/2024 4:09:38PM

Authorized by:



Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.



Apple Valley WTP Effluent
Radium
December 2024

January 16, 2025

Brian Skok
City of Apple Valley
7100 146th Street West
Saint Paul, MN 55124

RE: Project: Radium Testing
Pace Project No.: 10718774

Dear Brian Skok:

Enclosed are the analytical results for sample(s) received by the laboratory on December 12, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sydni Harrison
sydni.harrison@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: Tim McWilliams, City of Apple Valley
Kent Zimmerman, City of Apple Valley



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: Radium Testing
Pace Project No.: 10718774

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10718774001	EFFLUENT 6,11,12,20	Drinking Water	12/04/24 13:45	12/12/24 13:20
10718774002	EFFLUENT 5,7,9,10	Drinking Water	12/06/24 12:45	12/12/24 13:20
10718774003	EFFLUENT 7,13,17,19	Drinking Water	12/12/24 10:30	12/12/24 13:20

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO#: 10718774
10718774

Company Name: City of Apple Valley
Street Address: 7100 146th Street West
Saint Paul, MN 55124

Contact/Report To: Brian Skok
Phone #: 952-953-2400
E-Mail: brian.skok@applevalleymn.gov

Cc E-Mail: tim.mcwilliams@applevalleymn.gov

Invoice To: Accounts Payable
Invoice E-Mail: accounts.payable@applevalleymn.gov

Purchase Order # (if applicable):

Quote #: 00173570

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET []

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [X] No

[] Level II [] Level III [] Level IV

[] EQUIS

[] Other

Rush (Pre-approval required): DW PWSID # or WW Permit # as applicable: 1190001

[] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other

Date Results Requested:

Field Filtered (if applicable): [] Yes [] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Composite Start		Collected or Composite End		# Cont.	Res. Chlorine
		Date	Time	Date	Time		
EFFLUENT 6,11,12,20	DW G			12/4/24	1345	3	
EFFLUENT 6,11,12,20	DW G			12/4/24	1345	3	
EFFLUENT 5,7,9,10	DW G			12/6/24	1245	3	
EFFLUENT 5,7,9,10	DW G			12/6/24	1245	3	
EFFLUENT 7,13,17,19	DW G			12/12/24	1030	3	
EFFLUENT 7,13,17,19	DW G			12/12/24	1030	3	

Additional Instructions from Pace®:

Collected By: (Printed Name) TIM McWILLIAMS
Signature: Tim McWILLIAMS

Received by/Company: (Signature) Tim McWILLIAMS
Date/Time: 12/12/24 12:03

Relinquished by/Company: (Signature) Tim McWILLIAMS
Date/Time: 12/12/24 12:03

Relinquished by/Company: (Signature) [Signature]
Date/Time: [Date/Time]

Relinquished by/Company: (Signature) [Signature]
Date/Time: [Date/Time]

Relinquished by/Company: (Signature) [Signature]
Date/Time: [Date/Time]

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Lab Use Only		Radium - 226		Radium - 228		Sample Comment	
Proj. Mgr:	Sydni Harrison						
AcctNum / Client ID:							
Table #:							
Profile / Template:	47523						
Prelog / Bottle Ord. ID:	EZ 3175314						
Preservation non-conformance identified for sample.							

Customer Remarks / Special Conditions / Possible Hazards:

Cores: 3

Thermometer ID: T3

Correction Factor (°C): true

Obs. Temp. (°C): 19.15/19.19/18.7/19.1

On Ice: N

Tracking Number: 12-12-24 1320

Delivered by: [] In-Person [] Courier

[] FedEx [] UPS [] Other

Page: 1 of 1

ENV-FRM-MIN4-0150 v17 Sample Condition Upon Receipt

CLIENT NAME: City of Apple Valley

PROJECT #:

WO#: **10718774**

COURIER: ☐ Client ☐ Commercial ☒ FedEx ☐ Pace
☐ Speedee ☐ UPS ☐ USPS

PM: SH5

Due Date: 12/27/24

CLIENT: Apple Valley

TRACKING NUMBER: 7151 6120 5313

☒ See Exceptions form
ENV-FRM-MIN4-0142

Custody Seal on Cooler/Box Present: ☒ YES ☐ NO Seals Intact: ☒ YES ☐ NO Biological Tissue Frozen: ☐ YES ☐ NO ☒ N/A

Packing Material: ☐ Bubble Bags ☐ Bubble Wrap ☒ None ☐ Other Temp Blank: ☒ YES ☐ NO Type of Ice: ☐ Blue ☐ Dry ☐ Wet

Thermometer: ☐ T1 (0461) ☐ T2 (0436) ☒ T3 (0459) ☐ T4 (0402) ☐ T5 (0178) ☐ T6 (0235)
☐ T7 (0042) ☐ T8 (0775) ☐ T9 (0727) ☐ 01339252 (1710)

☐ Melted ☒ None

Did Samples Originate in West Virginia: ☐ YES ☒ NO

Were All Container Temps taken: ☐ YES ☐ NO ☒ N/A

Correction Factor: 0.0 Cooler Temp Read w/Temp Blank: _____ °C

Average Corrected Temp (no Temp Blank Only): 9.9 °C

Cooler Temp Corrected w/Temp Blank: _____ °C

18.7, 19.9

NOTE: Temp should be above freezing to 6°C.

☒ See Exceptions Form ENV-FRM-MIN4-0142 ☐ 1 Container

USDA Regulated Soil: ☒ N/A - Water Sample/Other (describe):

Initials & Date of Person Examining Contents: CRL 12/13/24

Did Samples originate from one of the following states (check maps) - AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA: ☐ YES ☐ NO

Did samples originate from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO

NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

LOCATION (check one): ☐ DULUTH ☒ MINNEAPOLIS ☐ VIRGINIA	YES	NO	N/A	COMMENT(S)								
Chain of Custody Present and Filled Out?	☒	☐	☐	1.								
Chain of Custody Relinquished?	☒	☐	☐	2.								
Sampler Name and/or Signature on COC?	☒	☐	☐	3.								
Samples Arrived within Hold Time?	☒	☐	☐	4. If Fecal: ☐ <8 hrs ☐ >8 hr, <24 hr ☐ No								
Short Hold Time Analysis (<72 hr)?	☐	☒	☐	5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/E. coli ☐ Other:								
Rush Turn Around Time Requested?	☐	☒	☐	6.								
Sufficient Sample Volume?	☒	☐	☐	7.								
Correct Containers Used?	☒	☐	☐	8.								
- Pace Containers Used?	☒	☐	☐									
Containers Intact?	☒	☐	☐	9.								
Field Filtered Volume Received for Dissolved Tests?	☐	☐	☒	10. Is sediment visible in the dissolved container: ☐ YES ☐ NO								
Is sufficient information available to reconcile the samples to the COC? NOTE: If ID/Date/Time don't match fill out section 11. Matrix: ☐ Oil ☐ Soil ☒ Water ☐ Other	☒	☐	☐	11. If NO, write ID/Date/Time of container below: ☐ See Exceptions form ENV-FRM-MIN4-0142								
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation (HNO ₃ , H ₂ SO ₄ , < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil & Grease, DRO/8015 (water) and Dioxins/PFAS NOTE: If adding preservation to the container, verify with the PM first. Clients may require adding preservative to the field and equipment blanks when this occurs.	☒	☐	☐	12. Sample #: <u>001-004</u> ☒ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ Zinc Acetate Positive for Residual Chlorine: ☐ YES ☐ NO pH Paper Lot # <table border="1"> <tr> <th>Residual Chlorine</th> <th>0-6 Roll</th> <th>0-6 Strip</th> <th>0-14 Strip</th> </tr> <tr> <td></td> <td><u>205224</u></td> <td></td> <td></td> </tr> </table> ☐ See Exceptions form ENV-FRM-MIN4-0142	Residual Chlorine	0-6 Roll	0-6 Strip	0-14 Strip		<u>205224</u>		
Residual Chlorine	0-6 Roll	0-6 Strip	0-14 Strip									
	<u>205224</u>											
Headspace in Methyl Mercury Container?	☐	☐	☒	13.								
Extra labels present on soil VOA or WIDRO containers?	☐	☐	☐	14.								
Headspace in VOA Vials (greater than 6mm)?	☐	☐	☒	☐ See Exceptions form ENV-FRM-MIN4-0140								
Trip Blanks Present?	☐	☐	☒	15.								
Trip Blank Custody Seals Present?	☐	☐	☒	Pace Trip Blank Lot # (if purchased):								

CLIENT NOTIFICATION / RESOLUTION

FIELD DATA REQUIRED: ☐ YES ☐ NO

Person Contacted: _____ Date & Time: _____

Comments / Resolution: _____

Project Manager Review: Sydni Harrison

Date: 12/13/2024

NOTE: When there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEQ Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled By: CRL Line: 3

ENV-FRM-MIN4-0142 v03_Sample Condition Upon Receipt - Exceptions

Workorder #: _____

No Temp Blank		
Read Temp	Corrected Temp	Average temp

PM Notified of Out of Temp Cooler? ☐ YES ☐ NO If yes, indicate who was contacted, date and time. If no, indicate reason why. _____
Multiple Cooler Project? ☐ YES ☐ NO

If anything is OVER 6.0°C, you **MUST** document containers in this section **HERE**



Tracking Number	Temperature
7151 6120 5324	18.7
7151 6120 5302	19.9



Out of Temp Sample ID	Container Type	# of Containers

pH Adjustment Log for Preserved Samples										
Sample ID	Type Of Preserve	pH Upon Receipt	Date Adjusted	Time Adjusted	Amount Added (mL)	Lot # Added	pH After	In Compliance After Addition?		Initials
								YES	NO	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	
								☐	☐	

Comments:

C205



State Of Origin: MN
 Cert. Needed: ☒ Yes ☐ No
 Owner Received Date: 12/12/2022

Owner Received Date: 12/12/2024 **Results Requested By:** 12/27/2024

Cooler Temperature on Receipt	°C	Custody Seal	Received on Ice	Samples Intact
4006	4006	Y or N	Y or N	Y or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.

Sample Receipt Checklist			
COC Seal Present/Intact:	☒ Y ☐ N	If Applicable	
COC Signed/Accurate:	☒ Y ☐ N	VOA Headspace:	☒ Y ☐ N
Seal Matrix Intact:	☒ Y ☐ N	Pres. Correct/Check:	☒ Y ☐ N
Correct bottles used:	☒ Y ☐ N		
Sufficient volume sent:	☒ Y ☐ N		
Screen <0.5 mR/hr:	☒ Y ☐ N		

41809925



INTER_LABORATORY WORK ORDER # 10718774

(To be completed by sending lab)

Ship To:
Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

Sending Project No:	10718774
Receiving Project No:	
Check Box for Consolidated Invoice:	☐
Date Prepared:	12/13/24
REQUESTED COMPLETION DATE:	12/27/2024

Sending Region	IR10-Minnesota	Sending Project Mgr.	Sydni Harrison
Receiving Region	IR850-Pace National	External Client	City of Apple Valley
State of Sample Origin	MN	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units STD Report Wet or Dry Weight? Dry Weight ☒ IRWO Lab Need to run? Cert. Needed Yes

WORK REQUESTED						
Method Description	Container Type	Quantity of containers	Preservative	Quantity of Samples	Acode	Acode Desc
Radium - 226	BP1N	6	HNO3	3	SI-38RAD	SUB PASI RAD
Radium - 228	BP1N	6	HNO3	3	SI-38RAD02	SUB PASI RAD

Special Requirements: Report C, QC Limits (C),FR Only no EDD (0)

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Return Samples to Sending Region: ☐ Yes ☒ No

DISPOSITION of FORM

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

Pace Analytical - Minnesota

Sample Delivery Group: L1809925
Samples Received: 12/16/2024
Project Number: 10718774
Description: Radium Testing
Site: 001
Report To: Andrea Richardson
1700 Elm Street Suite 200
Minneapolis, MN 55414

Entire Report Reviewed By:



Haley Torrence
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

Cp: Cover Page	1	¹ Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	² Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³ Ss
EFFLUENT 6,11,12,20 L1809925-01	5	
EFFLUENT 5,7,9,10 L1809925-02	6	⁴ Cn
EFFLUENT 7,13,17,19 L1809925-03	7	⁵ Sr
Qc: Quality Control Summary	8	
Radiochemistry by Method 904	8	⁶ Qc
Radiochemistry by Method SM 7500 Ra B	9	
Gl: Glossary of Terms	10	⁷ Gl
Al: Accreditations & Locations	11	⁸ Al
Sc: Sample Chain of Custody	12	⁹ Sc

SAMPLE SUMMARY

EFFLUENT 6,11,12,20 L1809925-01 DW

Collected by

Collected date/time

Received date/time

12/04/24 13:45

12/16/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904	WG2429722	1	01/07/25 14:25	01/14/25 17:23	DDD	Mt. Juliet, TN
Radiochemistry by Method SM 7500 Ra B	WG2424874	1	12/26/24 11:57	01/04/25 04:55	ASN	Mt. Juliet, TN

¹Cp

²Tc

³Ss

EFFLUENT 5,7,9,10 L1809925-02 DW

Collected by

Collected date/time

Received date/time

12/06/24 12:45

12/16/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904	WG2429722	1	01/07/25 14:25	01/14/25 17:23	DDD	Mt. Juliet, TN
Radiochemistry by Method SM 7500 Ra B	WG2424874	1	12/26/24 11:57	01/04/25 04:55	ASN	Mt. Juliet, TN

⁴Cn

⁵Sr

⁶Qc

EFFLUENT 7,13,17,19 L1809925-03 DW

Collected by

Collected date/time

Received date/time

12/12/24 10:30

12/16/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904	WG2429722	1	01/07/25 14:25	01/14/25 17:23	DDD	Mt. Juliet, TN
Radiochemistry by Method SM 7500 Ra B	WG2424874	1	12/26/24 11:57	01/04/25 05:55	ASN	Mt. Juliet, TN

⁷Gl

⁸Al

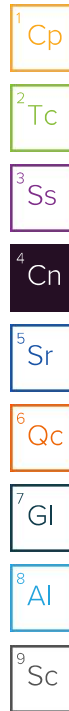
⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Haley Torrence
Project Manager



Radiochemistry by Method 904

Analyte	Result pCi/l	<u>Qualifier</u>	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	<u>Batch</u>
RADIUM-228	2.19		0.378	0.669	0.654	0.342	01/14/2025 17:23	WG2429722
(T) Barium	114					25.0-150	01/14/2025 17:23	WG2429722
(T) Yttrium	91.2					25.0-150	01/14/2025 17:23	WG2429722

Radiochemistry by Method SM 7500 Ra B

Analyte	Result pCi/l	<u>Qualifier</u>	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	<u>Batch</u>
RADIUM-226	2.65		0.443	0.775	0.199	0.103	01/04/2025 04:55	WG2424874
(T) Barium	89.0					30.0-125	01/04/2025 04:55	WG2424874

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904

Analyte	Result pCi/l	<u>Qualifier</u>	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	<u>Batch</u>
RADIUM-228	1.60		0.261	0.461	0.449	0.235	01/14/2025 17:23	WG2429722
(T) Barium	107					25.0-150	01/14/2025 17:23	WG2429722
(T) Yttrium	98.1					25.0-150	01/14/2025 17:23	WG2429722

Radiochemistry by Method SM 7500 Ra B

Analyte	Result pCi/l	<u>Qualifier</u>	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	<u>Batch</u>
RADIUM-226	2.84		0.454	0.802	0.235	0.115	01/04/2025 04:55	WG2424874
(T) Barium	90.7					30.0-125	01/04/2025 04:55	WG2424874

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Radiochemistry by Method 904

Analyte	Result pCi/l	<u>Qualifier</u>	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	<u>Batch</u>
RADIUM-228	1.89		0.312	0.520	0.541	0.282	01/14/2025 17:23	WG2429722
(T) Barium	118					25.0-150	01/14/2025 17:23	WG2429722
(T) Yttrium	90.9					25.0-150	01/14/2025 17:23	WG2429722

Radiochemistry by Method SM 7500 Ra B

Analyte	Result pCi/l	<u>Qualifier</u>	2 sigma CE + / -	TPU + / -	MDA pCi/l	Lc pCi/l	Analysis Date date / time	<u>Batch</u>
RADIUM-226	2.48		0.403	0.691	0.159	0.0888	01/04/2025 05:55	WG2424874
(T) Barium	96.8					30.0-125	01/04/2025 05:55	WG2424874

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4167295-1 01/14/25 17:23

Analyte	MB Result pCi/l	MB Qualifier	MB 2 sigma CE + / -	MB MDA pCi/l	MB Lc pCi/l
Radium-228	0.301		0.139	0.256	0.135
(T) Barium	126		126		
(T) Yttrium	97.8		97.8		

L1814413-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1814413-01 01/14/25 17:23 • (DUP) R4167295-5 01/14/25 17:23

Analyte	Original Result pCi/l	Original 2 sigma CE + / -	Original MDA pCi/l	Original Lc pCi/l	DUP Result pCi/l	DUP 2 sigma CE + / -	DUP MDA pCi/l	DUP Lc pCi/l	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.0515	0.603	0.693	0.362	0.756	0.712	1.33	0.694	175	0.755	J	20	2
(T) Barium	127				119	119							
(T) Yttrium	88.1				79.4	79.4							

Laboratory Control Sample (LCS)

(LCS) R4167295-2 01/14/25 17:23

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.27	105	80.0-120	
(T) Barium		118			
(T) Yttrium		93.4			

L1809925-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1809925-01 01/14/25 17:23 • (MS) R4167295-3 01/14/25 17:23 • (MSD) R4167295-4 01/14/25 17:23

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	2.19	20.4	18.0	109	94.5	1	70.0-130		12.4		20
(T) Barium		114			129	129						
(T) Yttrium		91.2			82.0	100						

Method Blank (MB)

(MB) R4164681-1 01/04/25 00:53					
Analyte	MB Result	MB Qualifier	MB 2 sigma CE	MB MDA	MB Lc
	pCi/l		+ / -	pCi/l	pCi/l
	Radium-226	0.00824	0.0361	0.104	0.0692
(T) Barium	99.3		99.3		

L1811007-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1811007-01 01/04/25 06:55 • (DUP) R4164681-5 01/04/25 01:54									
Analyte	Original Result	Original 2 sigma CE	Original MDA	Original Lc	DUP Result	DUP 2 sigma CE	DUP MDA	DUP Lc	DUP RPD
	pCi/l	+ / -	pCi/l	pCi/l	pCi/l	+ / -	pCi/l	pCi/l	%
	Radium-226	0.0549	0.0950	0.170	0.0927	0.199	0.385	0.169	200
(T) Barium	87.5				80.2	80.2		0.249	20

Laboratory Control Sample (LCS)

(LCS) R4164681-2 01/04/25 00:53					
Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
	Radium-226	5.00	4.87	97.3	90.0-110
(T) Barium			96.2		

L1809726-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1809726-02 01/04/25 03:54 • (MS) R4164681-3 01/04/25 00:53 • (MSD) R4164681-4 01/04/25 01:54											
Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	RPD	MS RER
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%		%	%
	Radium-226	20.0	0.0835	19.3	19.1	95.1	1	80.0-120	0.834	0.834	20
(T) Barium		96.8			94.1	101					

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

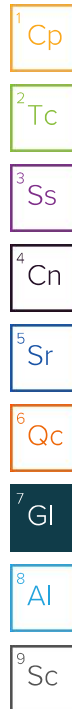
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDA	Minimum Detectable Activity.
Rec.	Recovery.
RER	Replicate Error Ratio.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(T)	Tracer - A radioisotope of known concentration added to a solution of chemically equivalent radioisotopes at a known concentration to assist in monitoring the yield of the chemical separation.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Below Detectable Limits: Indicates that the analyte was not detected.



ACCREDITATIONS & LOCATIONS

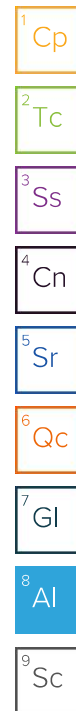
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



C205



State Of Origin: MN

Cert. Needed: ☒ Yes

Owner Received Date: 12/12/2024 Results Requested By: 12/27/2024

Subcontract To

Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

BP1N

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	NH ₃	Preserved Containers
1	EFFLUENT 6,11,12,20	PS	12/4/2024 13:45	10718774001	Drinking	6	
2	EFFLUENT 5,7,9,10	PS	12/6/2024 12:45	10718774002	Drinking	6	
3	EFFLUENT 7,13,17,19	PS	12/12/2024 10:30	10718774003	Drinking	6	
4							
5							

LAB USE ONLY

20

Transfers	Released By	Date/Time	Received By	Date/Time
1				12-16-24
2	Casey Pace	12/13/24		
3				

[Signature]

Date/Time 12-16-24

1030

Cooler Temperature on Receipt	°C	Custody Seal	Received on Ice	Samples Intact
4006		Y or N	Y or N	Y or N

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.

This chain of custody is considered complete as is since this information is available in the owner laboratory.

Sample Receipt Checklist			
COC Seal Present/Intact:	☒ Y ☐ N	if Applicable	
COC Signed/Accurate:	☒ Y ☐ N	VOA Zero Headspace:	☒ Y ☐ N
Bottles arrive intact:	☒ Y ☐ N	Pres. Correct/Check:	☒ Y ☐ N
Correct bottles used:	☒ Y ☐ N		
Sufficient volume sent:	☒ Y ☐ N		
RA Screen	☒ Y ☐ N		

41809925



INTER_LABORATORY WORK ORDER # 10718774

(To be completed by sending lab)

Ship To:
Pace National
12065 Lebanon Rd
Mt. Juliet, TN 37122
Phone (615) 758-5858

Sending Project No:	10718774
Receiving Project No:	
Check Box for Consolidated Invoice:	☐
Date Prepared:	12/13/24
REQUESTED COMPLETION DATE:	12/27/2024

Sending Region	IR10-Minnesota	Sending Project Mgr.	Sydni Harrison
Receiving Region	IR850-Pace National	External Client	City of Apple Valley
State of Sample Origin	MN	QC Deliverable	STD REPORT

All questions should be addressed to sending project manager.

Requested Reportable Units STD Report Wet or Dry Weight? Dry Weight ☒ IRWO Lab Need to run? Cert. Needed Yes

WORK REQUESTED						
Method Description	Container Type	Quantity of containers	Preservative	Quantity of Samples	Acode	Acode Desc
Radium - 226	BP1N	6	HNO3	3	SI-38RAD	SUB PASI RAD
Radium - 228	BP1N	6	HNO3	3	SI-38RAD02	SUB PASI RAD

Special Requirements: Report C, QC Limits (C),FR Only no EDD (0)

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Return Samples to Sending Region: ☐ Yes ☒ No

DISPOSITION of FORM

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

[illegible]

Date _____



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.I.
May 22, 2025
Consent Agenda

Description:

Adopt Resolution approving plans and specifications for Project 2024-102, Utility Improvements (Hayes Trail/Longridge Park), and authorizing advertisement for receipt of bids on June 17, 2025, at 10:00 a.m.

Staff Contact:

Brandon Anderson, City Engineer

Department / Division:

Public Works/Engineering

Action Requested:

Adopt Resolution approving plans and specifications for Project 2024-102, Utility Improvements (Hayes Trail/Longridge Park), and authorizing advertisement for receipt of bids on June 17, 2025, at 10:00 a.m.

Summary:

The City of Apple Valley 2024-2029 Capital Improvement Program identifies miscellaneous Storm Water Improvements annually to address significant repairs to storm sewer that are identified during field inspections or from resident requests for repair. The following location was identified as a priority repair to address in 2025:

- Hayes Trail, Harwell Avenue and Longridge Park

Scope of work includes the installation of storm sewer pipe along the rear yards of homes on Hayes Trail and Harwell Avenue and across Longridge Park. A map of the proposed project location is attached (Figure: 1).

This project is tentatively scheduled for construction in late summer/early fall of 2025.

Background:

Since 1999, the City has been working with the homeowners along Hayes Trail and Harwell Avenue regarding standing water in the rear yards of several homes on Hayes Trail. The standing water has resulted in major flooding and an ice problem in the winter. It was determined that there is a perched water table in the hill that is continuously seeping all year round, causing water issues. Since this time, some neighbors have installed their own drainage system, which only worked temporarily.

In 2016, the City reconstructed Hayes Trail and installed drain tile on the road for residents to

connect a sump to drain the water in their rear yards. There are currently 5 homes that drain to the drain tile that was installed. In 2020, the drain tile became clogged, and the City did a repair at 15744 Hayes Trail.

In early 2024 and 2025, the drain tile again clogged and flooding occurred in the rear yards of several homes as well as in the front yard of 15744 Hayes Trail. In the winter of 2025, Hayes Trail was frozen to a level that required City plows to break up the ice buildup in the roadway.

Budget Impact:

Project costs and funding are summarized as follows:

Estimated Project Costs:

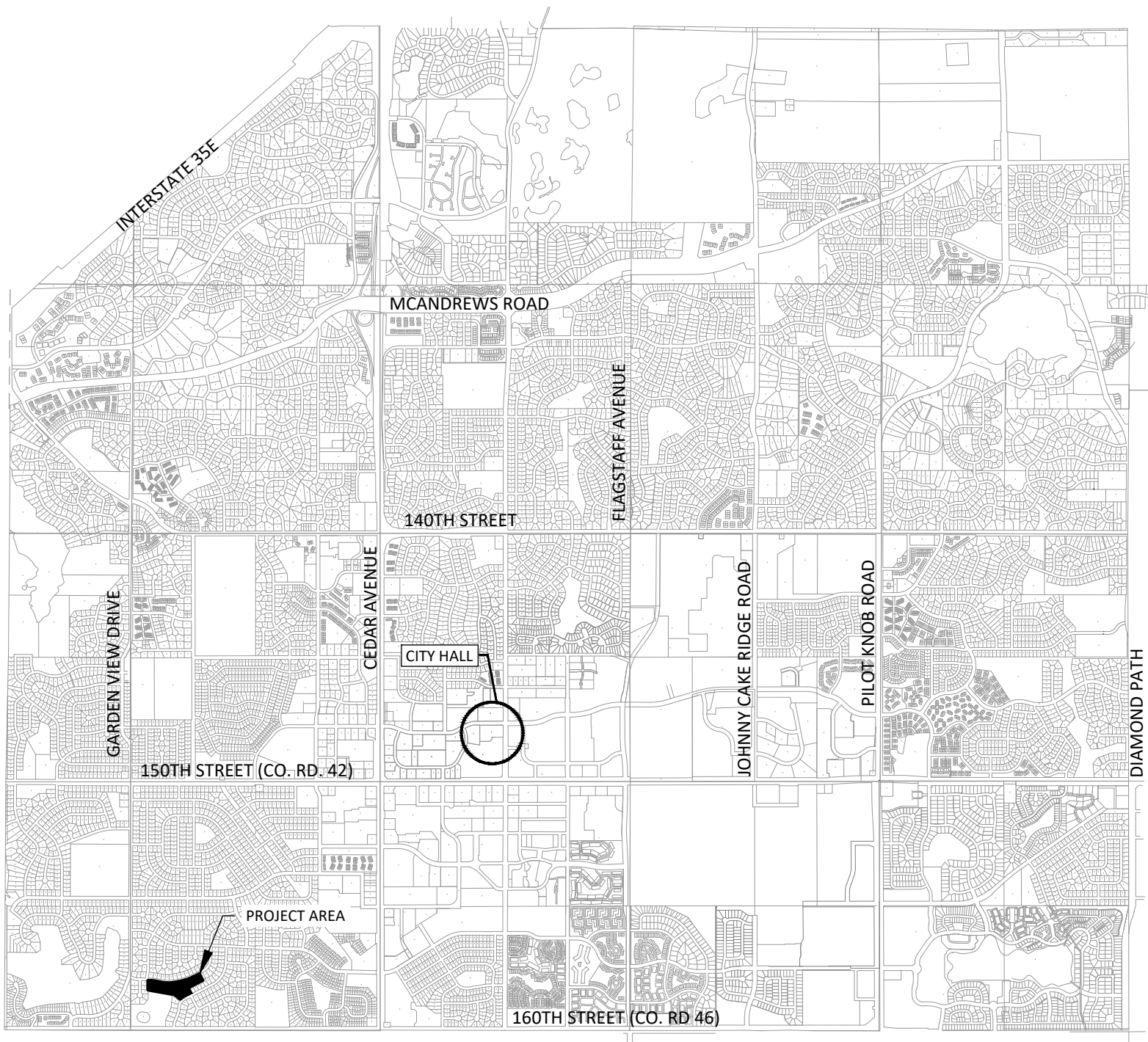
Construction Cost	\$ 631,140
Construction Contingency (10%)	63,114
Engineering, Contract Admin, Inspection, Testing, Survey	94,671
Total Estimated Cost	\$ 788,925

Estimated Project Funding

Storm Sewer Utility Bond	788,925
Total Estimated Funding	\$ 788,925

Attachments:

1. Project Map
2. Resolution
3. Ad For Bids



Hayes Trail/Longridge Park Utility Improvements

Figure 1

2024-102

CITY OF APPLE VALLEY
RESOLUTION NO. 2025-

A RESOLUTION APPROVING PLANS AND SPECIFICATIONS
AND DIRECTING RECEIPT OF BIDS FOR
PROJECT 2024-102, UTILITY IMPROVEMENTS (HAYES TRAIL/LONGRIDGE PARK)

WHEREAS, the Apple Valley City Council has reviewed plans and specifications for Project 2024-102, Utility Improvements (Hayes Trail/Longridge Park); and

WHEREAS, the City Council believes that the interests of the City would be best served by receiving bids based on said plans and specifications.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Apple Valley, Dakota County, Minnesota, as follows:

1. Such plans and specifications for Project 2024-102, Utility Improvements (Hayes Trail/Longridge Park) Improvements, a copy of which is on file in the office of the City Clerk and made a part hereof, are hereby approved.
2. The City Clerk is hereby authorized to receive bids for Project 2024-102, Utility Improvements (Hayes Trail/Longridge Park) at the time and place specified in the form of notice attached hereto as Exhibit A.
3. The City Clerk is further authorized and directed to cause an advertisement for said bids to be posted on the City's website and on the online Quest Construction Data Network, not less than ten (10) days prior to the opening of said bids.

ADOPTED this 22nd day of May, 2025

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

SECTION 00 11 13

ADVERTISEMENT FOR BIDS

Bids will be received electronically online only by the City of Apple Valley, Minnesota, through Quest CDN, until 10:00 A.M., CDT, Tuesday, June 17, 2025, at which time they will be reviewed for the furnishing of all labor, materials, and all else necessary for the following:

City Project 2024-102, Hayes Trail/Longridge Park Utility Improvements

16	EA	Clear and Grub Tree
12	EA	Storm Sewer Structure
1,450	LF	RCP Storm Sewer
390	LF	Salvage and Reinstall Fence
4,000	CY	Topsoil Stripping and Excavation
3,800	CY	Place Salvaged Topsoil
1.5	AC	Turf Restoration
16	EA	2" Diameter Tree
With related items		

Digital copies of the Contract Documents can be obtained at www.questcdn.com. The Quest CDN project number is 9648626. Bidders can download the Contract documents for \$40 by searching for the project on Quest CDN website's Project Search page.

Instructions for online bidding are attached. Please contact QuestCDN.com, prior to bidding, at (952) 233-1632 for assistance with free membership registration, downloading, and submitting bids. For electronic bids, electronic bid bonds will also be accepted through Surety 2000 using contract #9648626. The bid bonds must be payable to the City of Apple Valley in the amount of five percent (5%) of the amount of bid, to be forfeited as liquidated damages in the event that the bid is accepted and the bidder shall fail to promptly enter into a written contract and furnish the required bond.

Direct inquiries to the Project Engineer, Alex Kabakov, at 651-955-1410 or Aleksandr.Kabakov@bolton-menk.com. No bidder questions will be addressed after 10:00 am on Friday, June 13, 2025.

Bid Security in the amount of 5 percent of the amount of the Bid must be submitted through Surety 2000 and accompany each Bid in accordance with the Instructions to Bidders.

The Owner reserves the right to retain the deposits of the 3 lowest Bidders for a period not to exceed 60 days after the date and time set for the Opening of Bids. No Bids may be withdrawn for a period of 30 days after the date and time set for the Opening of Bids.

The successful bidder must be a "responsible contractor." The term "responsible contractor" means a contractor as defined in Minnesota Statutes, section 16C.285, subdivision 3. Any prime contractor, subcontractor, or motor carrier that does not meet the minimum criteria or fails to comply with the verification requirements is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project. A prime contractor, subcontractor, or motor carrier that makes a false statement under oath verifying compliance with the minimum criteria will be ineligible to be awarded a construction contract on the project, and the submission of a false statement may result in termination of a contract awarded to a prime contractor, subcontractor, or motor carrier that submits the false statement. A prime contractor shall include in its verification of compliance a list of all of its first-tier subcontractors that it intends to retain for work on the project. Before execution of a construction contract, a prime contractor shall submit a supplemental verification under oath confirming that all subcontractors and motor carriers that the prime contractor intends to use to perform project work have verified to the prime contractor, through

a signed statement under oath by an owner or officer, that they meet the minimum criteria for a responsible contractor.

The Owner reserves the right to reject any and all Bids, to waive irregularities and informalities therein, and further reserves the right to award the Contract to the best interests of the Owner.

Christina M. Scipioni, City Clerk
City of Apple Valley, Minnesota



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.J.
May 22, 2025
Consent Agenda

Description:

Adopt Resolution approving plans and specifications for Project 2025-154, Neighborhood Parks Improvements, and authorizing advertisement for receipt of bids June 12, 2025, at 2:00 p.m. (2023 Parks Bond Referendum)

Staff Contact:

Eric Carlson, Parks and Recreation Director

Department / Division:

Parks and Recreation

Action Requested:

Adopt Resolution approving plans and specifications for Project 2025-154, Neighborhood Parks Improvements, and authorizing advertisement for receipt of bids June 12, 2025, at 2:00 p.m. (2023 Parks Bond Referendum)

Summary:

The City Council approved the Parks Amenity Plan on December 26, 2024. The Parks Amenity Plan will guide improvements in almost every park in Apple Valley over the next several years. This Plan is the result of feedback gathered from over 50 community engagement meetings and over 700 comments on Social Pinpoint. In April 2025, we provided residents with the opportunity to provide feedback via an online survey, allowing them to pick from different designs and color selections for the playgrounds that will be replaced in 2025.

Park	Playground Selection	Tennis Court	Basketball Court	Trails	Ballfield	Site Furnishings
Apple Ponds	N/A		X	X	X	X
Chaparral	Little Tikes (natural colors)			X		X
Carrollwood	Little Tikes (natural colors)			X		X
Greenleaf North	Burke (natural colors)	X	X	X		X
Cedar Isle	Little Tikes (natural colors)		X	X		X
Cobblestone SE	Flagship (neon colors)			X		

The tentative schedule for improvements at the above-listed parks is as follows:

May 22	Council authorizes posting of bids
June 12	Bids due and opened at 2:00 p.m.
July 10	Council awards contracts

August– Construction
November

The City hired HKGi to prepare the plans and specifications and administer the bid process on our behalf.

Background:

For the last several years, the City of Apple Valley has worked with the community to determine the future needs and desires residents have for parks and recreation services. In November 2023, Apple Valley voters approved two separate questions in a special election, authorizing a total of \$73.25 million to invest in parks, trails, natural resources, Kelley Park, Redwood Park, Hayes Arena, the Family Aquatic Center, the Community Center and Senior Center, a youth athletic complex at Hayes Park, and a community pool at Redwood Park.

It will take four to six years to implement the improvements approved by voters. As we develop projects, we will involve residents in the planning process. Information on plans and construction progress will be posted on our website so residents can see what work is planned for each location and how the referendum dollars are being spent.

Budget Impact:

Funding for this project comes from the successful 2023 Parks Bond Referendum.

Attachments:

1. Resolution
2. Ad for Bids
3. Site Maps

CITY OF APPLE VALLEY
RESOLUTION NO. 2025-

RESOLUTION APPROVING PLANS AND SPECIFICATIONS
AND DIRECTING RECEIPT OF SEALED BIDS FOR
PROJECT 2025-154, NEIGHBORHOOD PARKS IMPROVEMENTS

WHEREAS, the Apple Valley City Council has reviewed plans and specifications for Project 2025-154, Neighborhood Parks Improvements; and

WHEREAS, the City Council believes that the interest of the City would be best served by receiving sealed proposals based on said specifications.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Apple Valley, Dakota County, Minnesota, as follows:

1. Such plans and specifications for Project 2025-154, Neighborhood Parks Improvements, a copy of which is on file in the Parks & Recreation administration office and made a part hereof, are hereby approved.
2. Hoisington Koegler Group Inc. is hereby authorized to receive sealed bids on behalf of the City of Apple Valley for Project 2025-154, Neighborhood Parks Improvements, at 2 p.m. CST electronically via Quest Construction Data Network.
3. The City Clerk is authorized and directed to cause an advertisement for said bids to be posted on the City's website and on the online Quest Construction Data Network, not less than ten (10) days prior to the opening of said bids.

ADOPTED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

SECTION 00 11 13

ADVERTISEMENT FOR BIDS

Bids will be received electronically online only by the City of Apple Valley, Minnesota, through Quest CDN, until 2:00 PM Local Time, June 12th, 2025, at which time they will be reviewed for the furnishing of all labor, materials, and all else necessary for the following:

City Project 2025-154, Neighborhood Parks Improvements

Site prep, including mobilization, tree protection, silt fence, bio logs, and inlet protection.
Removal of existing bituminous trails, bituminous courts concrete sidewalks & curbs.
Removal of existing playgrounds, site furnishings, and a sand volleyball court.
Removal and replacement of chain link backstop and chain link field fencing.
Earthworks.
Bituminous pavement - trails.
Bituminous court pavement with color coating and striping.
Armor & crack fill of existing bituminous tennis court.
Concrete flatwork and curbing related to backstops and playgrounds.
Players benches and basketball hoop systems.
ADA ped ramps - includes concrete and bituminous patching.
Seeding & restoration.
Coordination with playground vendors for installation timing and container layouts.

Digital copies of the Contract Documents can be viewed at www.questcdn.com. The Quest CDN project number is **9685279**. You can view the contract documents for free, and download the Contract documents for \$22 by searching for the project on Quest CDN website's Project Search page. Contact QuestCDN.com at (952) 233-1632 for assistance.

Electronic Bid Bonds in the amount of five percent (5%) of the amount of the Bid shall be submitted with each bid in accordance with the Instructions to Bidders.

Bid bonds must be payable to the City of Apple Valley in the amount of five percent (5%) of the amount of bid, to be forfeited as liquidated damages in the event that the bid is accepted and the bidder shall fail to promptly enter into a written contract and furnish the required bond.

Direct inquiries to HKGI Jordan Hedlund at jordan@hkgi.com or (763)-486-3635. **No bidder questions will be addressed after 12:00PM Local Time on June 9th, 2025.**

The Owner reserves the right to retain the deposits of the 3 lowest Bidders for a period not to exceed 60 days after the date and time set for the Opening of Bids. No Bids may be withdrawn for a period of 30 days after the date and time set for the Opening of Bids.

The successful bidder must be a "responsible contractor." The term "responsible contractor" means a contractor as defined in Minnesota Statutes, section 16C.285, subdivision 3. Any prime contractor, subcontractor, or motor carrier that does not meet the minimum criteria or fails to comply with the verification requirements is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project. A prime contractor, subcontractor, or motor carrier that makes a false statement under oath verifying compliance with the minimum criteria will be ineligible to be awarded a construction contract on the project, and the submission of a false statement may result in termination of a contract awarded to a prime contractor, subcontractor, or motor carrier that submits the false statement. A prime contractor shall include in its

verification of compliance a list of all its first-tier subcontractors that it intends to retain for work on the project. Before execution of a construction contract, a prime contractor shall submit a supplemental verification under oath confirming that all subcontractors and motor carriers that the prime contractor intends to use to perform project work have verified to the prime contractor, through a signed statement under oath by an owner or officer, that they meet the minimum criteria for a responsible contractor.

The Owner reserves the right to reject any and all Bids, to waive irregularities and informalities therein, and further reserves the right to award the Contract to the best interests of the Owner.

Christina M. Scipioni, City Clerk
City of Apple Valley, Minnesota

Apple Ponds Park



Carrollwood Park



Cedar Isle Park



Chaparral Park



Cobblestone Southeast



Greenleaf North Park





ITEM:
COUNCIL MEETING DATE:
SECTION:

4.K.
May 22, 2025
Consent Agenda

Description:

Approve grant agreement with the Board of Water and Soil Resources for two Watershed Based Implementation Fund Projects: FY25 EVR-P55 Zoo Blvd. Pond and FY25 Black Dog WMO Targeted Pretreatment Sumps

Staff Contact:

Samantha Berger, Natural Resources Coordinator

Department / Division:

Public Works/Natural Resources

Action Requested:

Approve grant agreement with the Board of Water and Soil Resources for two Watershed Based Implementation Fund Projects: FY25 EVR-P55 Zoo Blvd. Pond and FY25 Black Dog WMO Targeted Pretreatment Sumps

Summary:

The Natural Resources Division was successful in receiving grant dollars for the Watershed Based Implementation Funds (WBIF) through the Vermillion River Watershed Joint Powers Organization (JPO) totaling \$209,823 and Black Dog Watershed Management Organization (WMO) totaling \$151,542. Funding is provided through the Minnesota Board of Water and Soil Resources (BWSR) as part of the Clean Water Land and Legacy Amendment. Projects funded through this program must be completed by December 31, 2027, and the City must provide a 10% match.

Under the program, a set amount of funding is dispersed to state-defined watersheds. Local government units, including counties, cities, and watershed management organizations collaborated to determine which projects will get funded. The City was selected as the sole funding recipient for the Black Dog WMO and was one of several recipients in the Vermillion River Watershed JPO/

Grant agreements with the associated work plans and project locations are attached. The City attorney has reviewed the grant agreement.

Background:**EVR-P55 Zoo Blvd**

This project will include construction of an infiltration bench and realignment of the existing inlet and outlet pipes at pond EVR-P55. The pond is located just west of Zoo Blvd. The project was identified as a targeted water quality improvement for the Long and Farquar watershed. The Vermillion River JPO will provide \$18,000 in project funding. A joint powers agreement will be established for the project at a later date.

The City will complete pond enhancements at EVR-P55 based on a project that was identified in the Long and Farquar pond feasibility study, funded as part of a 2021 WBIF grant cycle. The project will include the construction of a new filtration bench and modifications to the existing inlet and outlet structure. The project will reduce approximately 2.68 lbs of total phosphorous. The project has 60% concept plans completed and the final deliverable will be a newly constructed water quality improvement practice. Final designs will be completed by a professional licensed engineer, either with the City or through a consultant, according to standards outlined in the MN Stormwater manual.

FY25 Black Dog WMO Targeted Pretreatment Sumps

This project will include the installation of sediment pre-treatment sumps at key locations in the Black Dog WMO, including directly upstream of Lac Lavon and of pond KL-P3, which is part of the Keller Lake watershed. Currently, stormwater runoff discharges directly into these water bodies without pre-treatment. This project will provide water quality treatment by limiting the amount of nutrients entering into these water bodies and provide easier maintenance access to remove debris within the City right of way, versus within the water body.

The projects will reduce pollutant loading into Lac Lavon and pond KL-P3. Estimated pollutant load reductions include 1391 pounds of Total Suspended Solids removed and improved maintenance for these water bodies.

Budget Impact:

Below is a further breakdown of project costs for each project.

EVR-P55 (Zoo blvd pond)

The current adopted 2025 budget includes \$350,000 in project funding.

WBIF Grant	\$209,823
Vermillion River Watershed JPO	\$18,000
City Stormwater Fund	\$140,000
Total	\$367,823

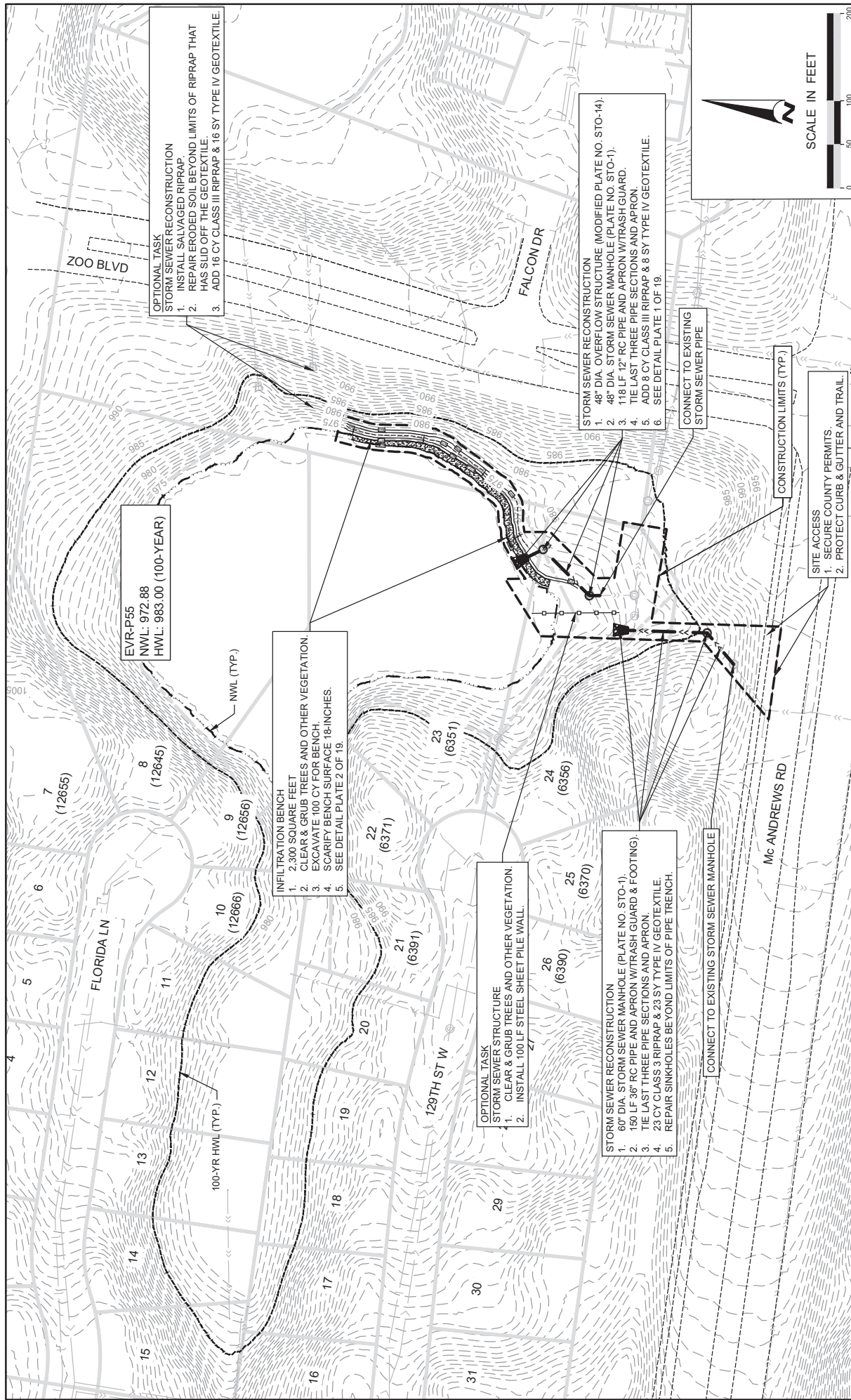
Black Dog WMO Targeted Pretreatment Sumps

A total of \$35,000 for Lac Lavon sumps was identified in the 2024 budget and the remaining amount will come from budget savings in the Stormwater fund.

WBIF Grant	\$151,542
City Stormwater Fund	\$56,000
Total	\$207,542

Attachments:

1. Project Map - EVR-P55
2. Grant Work Plan - EVR-P55
3. Project Map - Black Dog Sumps
4. Grant Work Plan - Black Dog Sumps
5. Grant Agreement



EVR-P55 NWL: 972.88 HWL: 983.00 (100-YEAR)		OPTIONAL TASK STORM SEWER RECONSTRUCTION 1. INSTALL SALVAGED RIPRAP 2. REPAIR ERODED SOIL BEYOND LIMITS OF RIPRAP THAT HAS SLID OFF THE GEOTEXTILE 3. ADD 16 CY CLASS III RIPRAP & 16 SY TYPE IV GEOTEXTILE.	
INFLTRATION BENCH 1. 2,300 SQUARE FEET 2. CLEAR & GRUB TREES AND OTHER VEGETATION. 3. EXCAVATE 100 CY FOR BENCH. 4. SCARIFY BENCH SURFACE 18-INCHES. 5. SEE DETAIL PLATE 2 OF 19.		STORM SEWER RECONSTRUCTION 1. 48" DIA. OVERFLOW STRUCTURE (MODIFIED PLATE NO. STO-14). 2. 48" DIA. STORM SEWER MANHOLE (PLATE NO. STO-1). 3. 118 LF 12" RC PIPE AND APRON WITH TRASH GUARD. 4. THE LAST THREE PIPE SECTIONS AND APRON. 5. ADD 8 CY CLASS III RIPRAP & 8 SY TYPE IV GEOTEXTILE. 6. SEE DETAIL PLATE 1 OF 19.	
OPTIONAL TASK STORM SEWER STRUCTURE 1. CLEAR & GRUB TREES AND OTHER VEGETATION. 2. INSTALL 100 LF STEEL SHEET PILE WALL.		STORM SEWER RECONSTRUCTION 1. 60" DIA. STORM SEWER MANHOLE (PLATE NO. STO-1). 2. 150 LF 36" RC PIPE AND APRON WITH TRASH GUARD & FOOTING). 3. THE LAST THREE PIPE SECTIONS AND APRON. 4. 23 CY CLASS 3 RIPRAP & 23 SY TYPE IV GEOTEXTILE. 5. REPAIR SINKHOLES BEYOND LIMITS OF PIPE TRENCH.	
SITE ACCESS 1. SECURE COUNTY PERMITS. 2. PROTECT CURB & GUTTER AND TRAIL.		CONNECT TO EXISTING STORM SEWER PIPE	
CONSTRUCTION LIMITS (TYP.)		CONNECT TO EXISTING STORM SEWER MANHOLE	
EMMONS & OLIVIER Resources, Inc. 1919 Univ. Ave W #300 Wabeta St. Paul, MN 55104 Tel: 651.770.8448 www.emmonsol.com		LONG AND FARQUHAR POND FEASIBILITY ANALYSIS (EVR-P55)	
Apple Valley COMMUNITY DEVELOPMENT		APPLE VALLEY, DAKOTA COUNTY, MINNESOTA	
SUBMISSION DATE: XXXXXXXX DESIGN BY: DRAWN BY: EOR EOR PROJECT NO. 0128-0008		STATE PROJECT NO. ## CITY PROJECT NO. #	
NOT FOR CONSTRUCTION		SHEET 07 OF 21 SHEETS	
REVISION		NO DATE BY	
1		2	
3		4	
5		6	
7		8	
9		10	
11		12	
13		14	
15		16	
17		18	
19		20	
21		22	
23		24	
25		26	
27		28	
29		30	
31		32	



Grant Work Plan

Watershed Based Implementation 2025

Grant Title: FY25 EVR-P55 Pond Enhancements

Grant ID: C25-0328

Grantee: Apple Valley, City of

Fiscal Agent: Apple Valley, City of

Grant Day-to-Day Contact: Samantha Berger

Grant Award (\$): \$209,823.00

Required Match (%): 10

Required Match (\$): \$20,982.30

Grant Execution Date:

Grant End Date: 12/31/2027

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$209,823.00	\$0.00	\$209,823.00
Match Funds	\$158,000.00	\$0.00	\$158,000.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$367,823.00	\$0.00	\$367,823.00

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Project Abstract	This project will include construction of an infiltration bench and realignment of the existing inlet and outlet pipes at pond EVR-P55. The project was identified as a targeted water quality improvement project for the Long and Farquar watershed.
Proposed Measurable Outcomes	Measurable outcomes will include reduction of approximately 2.68 lbs of Total Phosphorous and improved function of the existing pond system.

Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
EVR-P55 Pond	Urban Stormwater	Local Fund	2026 CIP Dollars	\$158,000.00		\$158,000.00	Y

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Enhancements	Management Practices						
EVR-P55 Pond Enhancements	Urban Stormwater Management Practices	Current State Grant	FY25 EVR-P55 Pond Enhancements	\$209,823.00		\$209,823.00	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	2.68	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
---------------------------	------------------------	--------------------	-------------

Grant Activities

Activity Name: EVR-P55 Pond Enhancements						
Activity Category: Urban Stormwater Management Practices					Staff time?: No	
Description: The City will complete pond enhancements at EVR-P55 based on a project that was identified in the Long and Farquar pond feasibility study, funded as part of a 2021 WBIF grant cycle. The project will include the construction of a new filtration bench and modifications to the existing inlet and outlet structure. The project will reduce approximately 2.68 lbs of Total Phosphorous. The project has 60% concept plans completed for the project and the final deliverable will be a new constructed water quality improvement practice. Final designs will be completed by a professional licensed engineer, either with the City or through a consultant, according to standards outlined in the MN Stormwater manual.						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	FY25 EVR-P55 Pond Enhancements	\$209,823.00		\$209,823.00		N
Local Fund	2026 CIP Dollars	\$158,000.00		\$158,000.00		Y

Activity Action Name:	EVR-P55 Pond Enhancements	Activity Count: 0
Practice Type:	811M - Filtration Practices	Size/Units:
TA Provider/JAA:		Lifespan: 25 Years
Practice Description:		Install Date:
		Mapped: Yes





Grant Work Plan

Watershed Based Implementation 2025

Grant Title: FY25 Black Dog WMO Targeted Pretreatment Sumps

Grant ID: C25-0327

Grantee: Apple Valley, City of

Fiscal Agent: Apple Valley, City of

Grant Day-to-Day Contact: Samantha Berger

Grant Award (\$): \$151,542.00

Required Match (%): 10

Required Match (\$): \$15,154.20

Grant Execution Date:

Grant End Date: 12/31/2027

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$151,542.00	\$0.00	\$151,542.00
Match Funds	\$56,000.00	\$0.00	\$56,000.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$207,542.00	\$0.00	\$207,542.00

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Project Abstract	This project will include the installation of sediment pre-treatment sumps at key locations in the Black Dog WMO, including directly upstream of Lac Lavon and of pond KL-P3, which is part of the Keller Lake watershed. Currently, stormwater runoff discharges directly into these water bodies without pretreatment. This project will provide water quality treatment by limiting the amount of nutrients entering into these water bodies and provide easier maintenance access to remove debris.
Proposed Measurable Outcomes	Reduce pollutant loading into Lac Lavon and pond KL-P3. Estimated pollutant load reductions include 1391 pounds of Total Suspended Solids removed and improved maintenance for these waterbodies.

Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Targeted Pretreatment sumps	Urban Stormwater Management Practices	Local Fund	City Storm Fund	\$56,000.00		\$56,000.00	Y
Targeted Pretreatment sumps	Urban Stormwater Management Practices	Current State Grant	FY25 Black Dog WMO Targeted Pretreatment Sumps	\$151,542.00		\$151,542.00	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Sediment (Tss)	1391	Tons/Yr

Indicator Category	Final Indicator	Total Value	Unit
--------------------	-----------------	-------------	------

Grant Activities

Activity Name: Targeted Pretreatment sumps	
Activity Category: Urban Stormwater Management Practices	Staff time?: No
Description: The City will hire a contractor to install up to 7 pretreatment sumps within the Black Dog Watershed. Four pretreatment sumps will be installed within City ROW along Lac Lavon and up to 3 structures will be installed within City ROW around pond KL-P3, a pond in the Keller Lake watershed. Structures have been field inspected and will be installed pending no issues with underground utilities and pipe depth. Proposed outcomes include approximately 1,391 pounds of TSS reduced and will reduce maintenance and access issues by allowing for debris to be cleaned within a roadside structure vs. within a water body. The project will be designed and certified by a professional licensed engineer with the City.	
Budget Details	

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	FY25 Black Dog WMO Targeted Pretreatment Sumps	\$151,542.00		\$151,542.00		N
Local Fund	City Storm Fund	\$56,000.00		\$56,000.00		Y

Activity Action Name:	Keller Lake Targeted Sumps	Activity Count: 0
Practice Type:	812M - Screening, Straining, or Hydrodynamic Separation Practices	Size/Units:
TA Provider/JAA:		Lifespan: 25 Years
Practice Description:		Install Date:
		Mapped: No



**2025 STATE OF MINNESOTA
BOARD OF WATER and SOIL RESOURCES
WATERSHED BASED IMPLEMENTATION FUNDING
GRANT AGREEMENT**

Vendor:	0000199149
PO#:	3000018600

This Grant Agreement is between the State of Minnesota, acting through its Board of Water and Soil Resources (Board) and **Apple Valley, City of**, 7100 West 147th Street, Apple Valley MN 55124 (Grantee).

Grant ID	Grant Title	Awarded Amt
C25-0327	FY25 Black Dog WMO Targeted Pretreatment Sumps	\$151,542.00
C25-0328	FY25 EVR-P55 Pond Enhancements	\$209,823.00

Total Grant Awarded: \$361,365.00

Recitals

1. The Laws of Minnesota 2023, Chapter 40, Article 2, Section 6(a) appropriated funds to the Board for the FY 2024 and 2025 Clean Water Fund Watershed Based Implementation Funding Program.
2. The Board adopted the Watershed Based Implementation Funding FY24-25 Policy and authorized the allocation of funds for the FY 2024 and 2025 Clean Water Fund Watershed Based Implementation Funding Program through Board Order #23-55.
3. The Grantee has submitted a BWSR-approved work plan for this program.
4. The Grantee represents that it is duly qualified and agrees to perform all services described in this Grant Agreement to the satisfaction of the Board.
5. As a condition of the grant, Grantee agrees to minimize administration costs.

Authorized Representative

The State's Authorized Representative is Marcey Westrick, Central Region Manager, BWSR, 520 Lafayette Road North, Saint Paul, MN 55155, (651) 284-4153, or her successor, and has the responsibility to monitor the Grantee's performance and the authority to accept the services and performance provided under this Grant Agreement.

The Grantee's Authorized Representative is:

TITLE Samantha Berger, Natural Resources Coordinator
ADDRESS 7100 147th Street West
CITY Apple Valley
TELEPHONE NUMBER (952) 953-2462

If the Grantee's Authorized Representative changes at any time during this Grant Agreement, the Grantee must immediately notify the Board.

Grant Agreement

1. **Terms of the Grant Agreement.**
 - 1.1. **Effective date:** The date the Board obtains all required signatures under Minn. Stat. § 16B.98, Subd. 5. **The Board will notify the Grantee when this Grant Agreement has been executed. The Grantee must not begin work under this Grant Agreement until it is executed.**
 - 1.2. **Expiration date:** December 31, 2027 or until all obligations have been satisfactorily fulfilled, whichever comes first.
 - 1.3. **Survival of Terms:** The following clauses survive the expiration date or cancellation of this Grant Agreement: 7. Liability; 8. State Audits; 9. Government Data Practices; 12. Governing Law, Jurisdiction, and Venue; 14. Data Disclosure; and 19. Intellectual Property Rights.

2. Grantee's Duties.

The Grantee will comply with required grants management policies and procedures set forth through Minn. Stat. § 16B.97, Subd. 4(a)(1). The Grantee is responsible for the specific duties for the Program as follows:

- 2.1. **Implementation:** The Grantee will implement their Board approved work plan. The work plan will be implemented according to the Watershed Based Implementation Funding FY24-25 Policy.
- 2.2. **Reporting:** All data and information provided in a Grantee's report shall be considered public.
 - 2.2.1. The Grantee will submit an annual progress report to the Board by February 1 of each year on the status of Program implementation by the Grantee. Information provided must conform to the requirements and formats set by the Board.
 - 2.2.2. All individual grants over \$500,000 require a reporting expenditure by June 30 of each year.
 - 2.2.3. Final Progress Report: The Grantee will submit a final progress report to the Board by February 1, 2028, or within 30 days of fully expending funds, whichever occurs sooner. Information provided must conform to the requirements and formats set by the Board.
- 2.3. **Match:** The Grantee will ensure any local match requirement will be provided as stated in Grantee's approved work plan.

3. Time.

The Grantee must comply with all the time requirements described in this Grant Agreement. In the performance of this Grant Agreement, time is of the essence.

4. Terms of Payment.

- 4.1. Funds will be distributed in three installments per grant: 1) The first payment of 50% will be distributed after the execution of the Grant Agreement. 2) The second payment of 40% will be distributed after the first payment of 50% has been expended and reporting requirements have been met. 3) The third payment of 10% will be distributed after the grant has been fully expended and reporting requirements are met.
- 4.2. Grantees may be required to submit documentation of expenditures reported.
- 4.3. All costs must be incurred within the grant period. All incurred costs should be calculated or determined before the final report is completed or returning funds.
- 4.4. Unspent grant funds must be returned within 30 days of the expiration date of the Grant Agreement.
- 4.5. Once final reporting has been completed funds may not be re-requested as funds may not be available.
- 4.6. The obligation of the State under this Grant Agreement will not exceed the amount listed above.
- 4.7. This Grant Agreement includes advance payment. Advance payments allow the grantee to have adequate operating capital for start-up costs, ensure their financial commitment to landowners and contractors, and to better schedule work into the future.

5. Conditions of Payment.

All services provided by the Grantee under this Grant Agreement must be performed to the Board's satisfaction, as set forth in this Grant Agreement. Compliance will be determined at the sole discretion of the Board's Authorized Representative and in accordance with all applicable federal, State, and local laws, policies, Watershed Based Implementation Funding FY24-25 Policy, ordinances, rules, and regulations. The Grantee will not receive payment, may be required to repay grant funds, or may have future payments withheld if work is found by the Board to be unsatisfactory or performed in violation of federal, State, or local law. Costs charged to the grant must be direct and necessary to produce the outcomes funded by the grant. Charges to the grant must be itemized and documented.

6. Assignment, Amendments, Work Plan Revisions, and Waiver.

- 6.1. **Assignment.** The Grantee may neither assign nor transfer any rights or obligations under this Grant Agreement without the prior consent of the Board and a fully executed Assignment Agreement, executed and approved by the same parties who executed and approved this Grant Agreement, or their successors in office.
- 6.2. **Amendments and Work Plan Revisions.** Any amendments to this Grant Agreement must be in writing and will not be effective until approved and executed by the same parties who approved and executed the original Grant Agreement, or their successors in office. Amendments must be executed prior to the expiration of the original Grant Agreement or any amendments thereto. All work plan revisions must be documented. The Board reserves the right to require a work plan revision or grant agreement amendment for changes in the scope of the grant.
 - 6.2.1. Board approval is required of work plan revisions on grants less than \$50,000 if the cumulative budget adjustment is greater than \$5,000; on grants \$50,000 to \$500,000 if the cumulative budget adjustment is greater than 10% of the total grant amount; on grants greater than \$500,000 if the cumulative budget adjustment is greater than \$50,000.

6.2.2. An amendment to the Grant Agreement is required on grants less than \$50,000 if the cumulative budget adjustment is equal to or greater than \$20,000; on grants \$50,000 to \$500,000 if the cumulative budget adjustment is equal to or greater than 40% of the total grant amount; on grants greater than \$500,000 if the cumulative budget adjustment is equal to or greater than \$200,000.

6.2.3. Revisions that do not meet the thresholds identified in 6.2.1. or 6.2.2. are permitted without prior approval from the Board provided that such revision is documented and that the total obligation of the Board for all compensation and reimbursements to the Grantee shall not exceed the total grant award amount.

6.3. **Waiver.** If the Board fails to enforce any provision of this Grant Agreement, that failure does not waive the provision or its right to enforce it.

7. Liability.

The Grantee must indemnify, save, and hold the State, its agents, and employees harmless from any claims or causes of action, including attorney's fees incurred by the State, arising from the performance of this Grant Agreement by the Grantee or the Grantee's agents or employees. This clause will not be construed to bar any legal remedies the Grantee may have for the State's failure to fulfill its obligations under this Grant Agreement.

8. State Audits.

Under Minn. Stat. § 16B.98, Subd. 8, the Grantee's books, records, documents, and accounting procedures and practices of the Grantee or other party relevant to this Grant Agreement or transaction are subject to examination by the Board and/or the State Auditor or Legislative Auditor, as appropriate, for a minimum of six years from the end of this Grant Agreement, receipt and approval of all final reports, or the required period of time to satisfy all State and program retention requirements, whichever is later.

8.1. The books, records, documents, accounting procedures and practices of the Grantee and its designated local units of government and contractors relevant to this grant, may be examined at any time by the Board or Board's designee and are subject to verification. The Grantee or delegated local unit of government will maintain records relating to the receipt and expenditure of grant funds.

9. Government Data Practices.

The Grantee and State must comply with the Minnesota Government Data Practices Act, Minn. Stat. Ch. 13, as it applies to all data provided by the State under this Grant Agreement, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Grantee under this Grant Agreement. The civil remedies of Minn. Stat. § 13.08 apply to the release of the data referred to in this clause by either the Grantee or the State.

10. Workers' Compensation.

The Grantee certifies that it is in compliance with Minn. Stat. § 176.181, Subd. 2, pertaining to workers' compensation insurance coverage. The Grantee's employees and agents will not be considered State employees. Any claims that may arise under the Minnesota Workers' Compensation Act on behalf of these employees and any claims made by any third party as a consequence of any act or omission on the part of these employees are in no way the State's obligation or responsibility.

11. Publicity and Endorsement.

11.1. **Publicity.** Any publicity regarding the subject matter of this Grant Agreement must identify the Board as the sponsoring agency. For purposes of this provision, publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Grantee individually or jointly with others, or any subcontractors, with respect to the Program, publications, or services provided resulting from this Grant Agreement.

11.2. **Endorsement.** The Grantee must not claim that the State endorses its products or services.

12. Governing Law, Jurisdiction, and Venue.

Minnesota law, without regard to its choice-of-law provisions, governs this Grant Agreement. Venue for all legal proceedings out of this Grant Agreement, or its breach, must be in the appropriate State or federal court with competent jurisdiction in Ramsey County, Minnesota.

13. Termination.

13.1. The Board may cancel this Grant Agreement at any time, with or without cause, upon 30 days' written notice to the Grantee. Upon termination, the Grantee will be entitled to payment, determined on a pro rata basis, for services satisfactorily performed.

13.2. The Board may immediately terminate this Grant Agreement if the Board finds that there has been a failure to comply with the provisions of this Grant Agreement, that reasonable progress has not been made or that the purposes for which the

funds were granted have not been or will not be fulfilled. The Board may take action to protect the interests of the State of Minnesota, including the refusal to disburse additional funds and requiring the return of all or part of the funds already disbursed.

13.3. The Commissioner of Administration may immediately and unilaterally cancel this grant contract agreement if further performance under the agreement would not serve agency purposes or is not in the best interest of the State.

14. Data Disclosure.

Under Minn. Stat. § 270C.65, Subd. 3, and other applicable law, the Grantee consents to disclosure of its social security number, federal employer tax identification number, and/or Minnesota tax identification number, already provided to the State, to federal and State tax agencies and State personnel involved in the payment of State obligations. These identification numbers may be used in the enforcement of federal and State tax laws which could result in action requiring the Grantee to file State tax returns and pay delinquent State tax liabilities, if any.

15. Prevailing Wage.

It is the responsibility of the Grantee or contractor to pay prevailing wage for projects that include construction work of \$25,000 or more, prevailing wage rules apply per Minn. Stat. §§ 177.41 through 177.44. All laborers and mechanics employed by grant recipients and subcontractors funded in whole or in part with these State funds shall be paid wages at a rate not less than those prevailing on projects of a character similar in the locality. Bid requests must state the project is subject to prevailing wage.

16. Municipal Contracting Law.

Per Minn. Stat. § 471.345, grantees that are municipalities as defined in Subd. 1 of this statute must follow the Uniform Municipal Contracting Law. Supporting documentation of the bidding process utilized to contract services must be included in the Grantee's financial records, including support documentation justifying a single/sole source bid, if applicable.

17. Constitutional Compliance.

It is the responsibility of the Grantee to comply with requirements of the Minnesota Constitution regarding the use of Clean Water Funds to supplement traditional sources of funding.

18. Signage.

It is the responsibility of the Grantee to comply with requirements for project signage as provided in Minnesota Laws 2010, Chapter 361, Article 3, Section 5(b) for Clean Water Fund projects.

19. Intellectual Property Rights.

The State owns all rights, title, and interest in all of the intellectual property rights, including copyrights, patents, trade secrets, trademarks, and service marks in the Works and Documents created and paid for under this grant. Works means all inventions, improvements, discoveries, (whether or not patentable), databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, and disks conceived, reduced to practice, created or originated by the Grantee, its employees, agents, and subcontractors, either individually or jointly with others in the performance of this grant. Work includes "Documents." Documents are the originals of any databases, computer programs, reports, notes, studies, photographs, negatives, designs, drawings, specifications, materials, tapes, disks, or other materials, whether in tangible or electronic forms, prepared by the Grantee, its employees, agents or subcontractors, in the performance of this grant. The Documents will be the exclusive property of the State and all such Documents must be immediately returned to the State by the Grantee upon completion or cancellation of this grant at the State's request. To the extent possible, those Works eligible for copyright protection under the United State Copyright Act will be deemed to be "works made for hire." The Grantee assigns all right, title, and interest it may have in the Works and the Documents to the State. The Grantee must, at the request of the State, execute all papers and perform all other acts necessary to transfer or record the State's ownership interest in the Works and Documents.

***IN WITNESS WHEREOF**, the parties have caused this Grant Agreement to be duly executed intending to be bound thereby.*

Approved:

City of Apple Valley

Board of Water and Soil Resources

By: _____
Clint Hooppaw
Its: Mayor

By: _____

(signature)

By: _____
Christina M. Scipioni
Its: Clerk

Title: _____

Date: _____

Date: _____



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.L.
May 22, 2025
Consent Agenda

Description:

Adopt Resolution awarding agreement for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements, to McNamara Contracting, Inc.

Staff Contact:

Brandon Anderson, City Engineer

Department / Division:

Public Works/Engineering

Action Requested:

Adopt Resolution awarding agreement for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements, to McNamara Contracting, Inc.

Summary:

On May 6, 2025, six (6) bids were received for the Johnny Cake Ridge Road (147th to 140th Street) Improvements project as described within the attached bid tabulation. Base Bids ranged from \$2,053,809.35 to 2,588,002.45.

McNamara Contracting, Inc. submitted the lowest bid in the amount of \$2,053,809.35. The low bid was \$1,001,775.65 below the estimated cost of \$3,055,585.00.

Three (3) Bid Alternate items were included in the bid, which included:

1. Muck Excavation (EV) (P) – Management Level 1
2. Muck Excavation (EV) (P) – Management Level 2
3. Muck Excavation (EV) (P) – Management Level 3

Bid Alternate No. 1 was submitted in the amount of \$21,964.00. Bid Alternate No. 2 was submitted in the amount of \$25,840.00 and Bid Alternate 3 was submitted in the amount of \$37,468.00. Bid Alternate 3 is recommended for inclusion of award at this time. Depending on final soil samples collected during construction, the unit prices for management level 1 and 2 may be utilized for final pricing.

The award contract amount, including Bid Alternate 3, is \$2,091,277.35.

A standard City agreement will be utilized for this project.

Background:

On October 24, 2024, City Council adopted Resolution Number 2024-133, directing the preparation

of plans and specifications for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements.

On April 10, 2025 City Council adopted Resolution 2025-51, approving plans and specifications and directing receipt of sealed bids for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements.

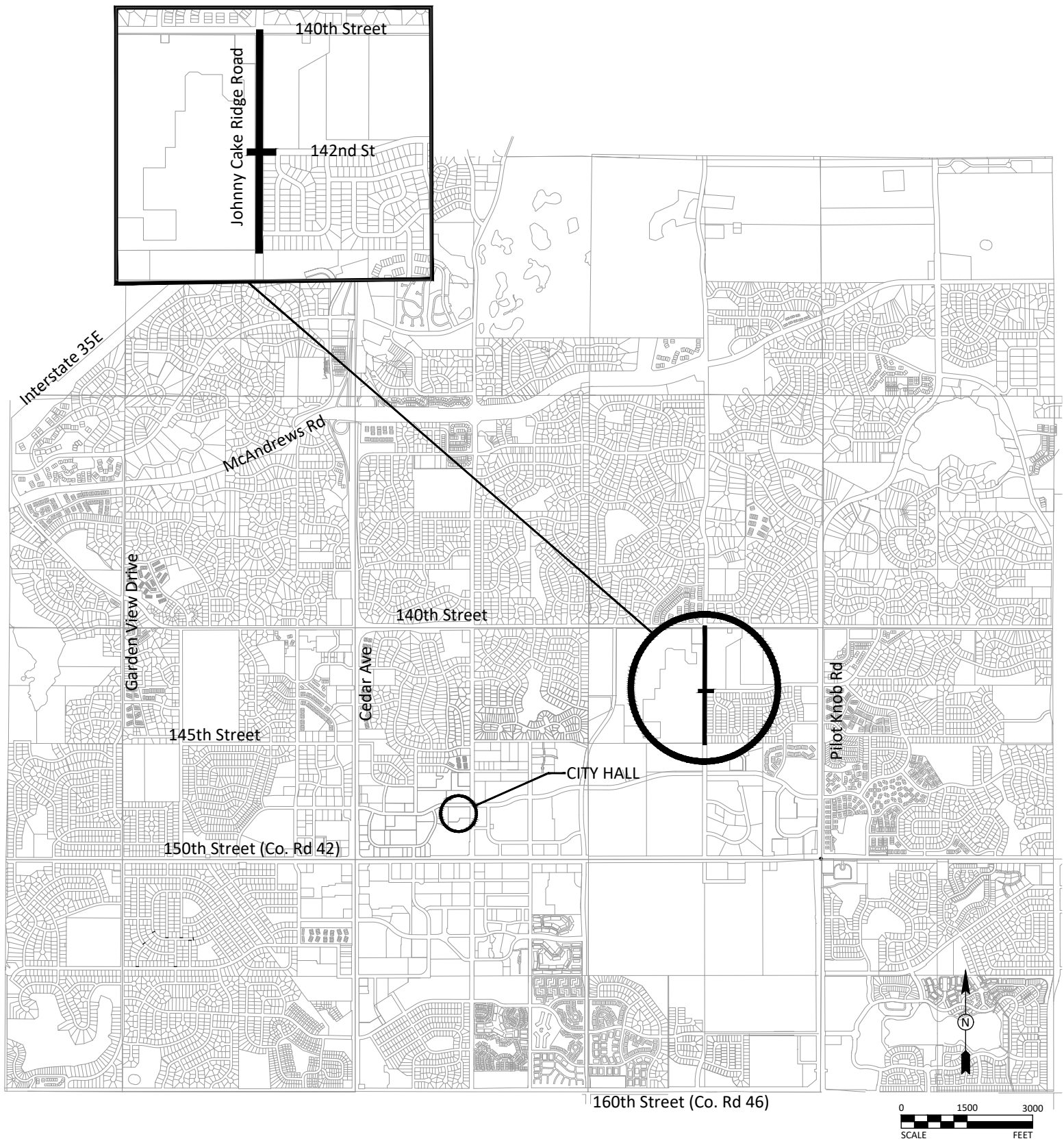
Budget Impact:

Project costs and funding included in the 2025-2026 operating budget are summarized as follows:

	Budgeted Costs:	Estimated Costs	Awarded Costs
Construction Cost	\$2,200,000	\$3,055,585	\$2,091,77.35
Indirect Costs	700,000	582,141	582,141
Traffic Control Cabinet			32,670.00
Bid Alternate 3			37,468.00
Total Estimated Cost	\$2,900,000	\$3,637,726	\$2,743,556.35
Municipal State Aid (MSA)	\$2,800,000	\$3,637,726	\$2,743,556.35
Street Light Utility Fund	100,000	100,000	146,000.00
Total Estimated Funding	\$2,900,000	\$3,737,726	\$2,889,556.35

Attachments:

1. Project Map
2. Resolution
3. Bid Tab



JOHNNY CAKE RIDGE ROAD (147TH TO 140TH) STREET IMPROVEMENTS

2025-104

City of Apple Valley

Figure 1

CITY OF APPLE VALLEY
RESOLUTION NO. 2025-

A RESOLUTION AWARDDING AGREEMENT FOR PROJECT 2025-104
JOHNNY CAKE RIDGE ROAD (147TH TO 140TH STREET) IMPROVEMENTS

WHEREAS, pursuant to an advertisement for bids for improvements identified as Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements, bids were received, opened and tabulated according to law and the following bids were received complying with the advertisement: (Tabulation attached as Exhibit A), and;

WHEREAS, it appears McNamara Contracting, Inc., is the lowest responsible bidder.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Apple Valley, Dakota County, Minnesota:

1. That the Mayor and City Clerk are hereby authorized and directed to enter into a contract with McNamara Contracting, Inc., for its base bid including bid alternate 3 in the amount of \$2,091,277.35 for the completion of Project 2025-104 according to the plans and specifications heretofore approved by the Council and on file in the office of the City Clerk.

2. The City Clerk is hereby authorized and directed to return to all bidders the deposits made with their bids, except that the deposits of the successful bidder and the next lowest bidder shall be retained until a contract has been signed.

ADOPTED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk



Project Name: Johnny Cake Ridge Road (147th to 140th Street) Improvement
City Project No.: 2025-104
Bid Opening: Tuesday, May 6, 2025, 10:00 a.m. CT.
Electronic Bid- Quest CDN

I hereby certify that this is an exact reproduction of bids received.
Owner: City of Apple Valley
Brandon Anderson, P.E.
Registration No. 43332

					Engineer Estimate		McNamara Contracting		ICON, LLC		S.M. Hentges & Sons, Inc.		Park Construction Company		Bituminous Roadways Inc.		Max Steininger, Inc.	
Section Title	NO.	Item Description	Unit	Est Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
Part 1 - JCRR (147th to 140th Street) IMPROVEMENTS																		
1		MOBILIZATION	LS	1.00	\$146,000.00	\$146,000.00	\$52,000.00	\$52,000.00	\$60,000.00	\$60,000.00	\$121,000.00	\$121,000.00	\$200,000.00	\$200,000.00	\$130,000.00	\$130,000.00	\$320,000.00	\$320,000.00
2		CLEARING	EA	4.00	\$400.00	\$1,600.00	\$1,050.00	\$4,200.00	\$800.00	\$3,200.00	\$1,100.00	\$4,400.00	\$250.00	\$1,000.00	\$260.00	\$1,040.00	\$266.89	\$1,067.56
3		GRUBBING	EA	4.00	\$250.00	\$1,000.00	\$525.00	\$2,100.00	\$800.00	\$3,200.00	\$550.00	\$2,200.00	\$80.00	\$320.00	\$85.00	\$340.00	\$85.40	\$341.60
4		PAVEMENT MARKING REMOVAL	LF	713.00	\$1.00	\$713.00	\$2.00	\$1,426.00	\$2.00	\$1,426.00	\$2.00	\$1,426.00	\$1.50	\$1,069.50	\$1.50	\$1,069.50	\$1.60	\$1,140.80
5		REMOVE DRAINAGE STRUCTURE INCLUDING CASTING	EA	9.00	\$1,750.00	\$15,750.00	\$335.00	\$3,015.00	\$400.00	\$3,600.00	\$460.00	\$4,140.00	\$607.00	\$5,463.00	\$375.00	\$3,375.00	\$453.72	\$4,083.48
6		REMOVE SIGN	EA	32.00	\$50.00	\$1,600.00	\$27.00	\$864.00	\$50.00	\$1,600.00	\$30.00	\$960.00	\$25.00	\$800.00	\$25.00	\$800.00	\$26.69	\$854.08
7		SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LF	837.00	\$2.00	\$1,674.00	\$1.00	\$837.00	\$2.00	\$1,674.00	\$2.75	\$2,301.75	\$1.95	\$1,632.15	\$2.00	\$1,674.00	\$2.08	\$1,740.96
8		REMOVE SEWER PIPE (STORM)	LF	1061.00	\$50.00	\$53,050.00	\$11.00	\$11,671.00	\$15.00	\$15,915.00	\$18.00	\$19,098.00	\$22.40	\$23,766.40	\$25.00	\$26,525.00	\$21.35	\$22,652.35
9		REMOVE CURB & GUTTER	LF	3155.00	\$10.00	\$31,550.00	\$3.00	\$9,465.00	\$4.00	\$12,620.00	\$4.00	\$12,620.00	\$3.80	\$11,989.00	\$8.50	\$26,817.50	\$3.32	\$10,474.60
10		REMOVE BITUMINOUS PAVEMENT	SY	16029.00	\$4.00	\$64,116.00	\$3.00	\$48,087.00	\$2.00	\$32,058.00	\$4.50	\$72,130.50	\$2.80	\$44,881.20	\$5.50	\$88,159.50	\$3.59	\$57,544.11
11		REMOVE BITUMINOUS TRAIL	SY	2245.00	\$10.00	\$22,450.00	\$4.00	\$8,980.00	\$3.00	\$6,735.00	\$4.50	\$10,102.50	\$4.05	\$9,092.25	\$2.00	\$4,490.00	\$4.14	\$9,294.30
12		REMOVE CONCRETE PAVEMENT	SY	270.00	\$12.00	\$3,240.00	\$20.00	\$5,400.00	\$7.00	\$1,890.00	\$9.00	\$2,430.00	\$11.70	\$3,159.00	\$17.00	\$4,590.00	\$13.11	\$3,539.70
13		REMOVE CONCRETE WALK	SF	714.00	\$8.00	\$5,712.00	\$2.00	\$1,428.00	\$3.00	\$2,142.00	\$1.50	\$1,071.00	\$0.53	\$378.42	\$4.25	\$3,034.50	\$0.82	\$585.48
14		EXCAVATION - COMMON (EV) (P)	CY	13560.00	\$25.00	\$339,000.00	\$12.00	\$162,720.00	\$14.00	\$189,840.00	\$17.50	\$237,300.00	\$17.70	\$240,012.00	\$22.00	\$298,320.00	\$19.50	\$264,420.00
15		EXCAVATION - SUBGRADE (EV)	CY	743.00	\$25.00	\$18,575.00	\$12.00	\$8,916.00	\$9.00	\$6,687.00	\$15.00	\$11,145.00	\$15.30	\$11,367.90	\$22.00	\$16,346.00	\$20.56	\$15,276.08
16		SELECT GRANULAR EMBANKMENT (CV)	CY	5805.00	\$30.00	\$174,150.00	\$17.00	\$98,685.00	\$21.00	\$121,905.00	\$15.00	\$87,075.00	\$19.20	\$111,456.00	\$19.00	\$110,295.00	\$16.85	\$97,814.25
17		SELECT GRANULAR EMBANKMENT (SUBGRADE EX REPLACEMENT)	CY	743.00	\$30.00	\$22,290.00	\$17.00	\$12,631.00	\$24.00	\$17,832.00	\$15.00	\$11,145.00	\$22.70	\$16,866.10	\$19.00	\$14,117.00	\$19.01	\$14,124.43
18		COMMON EMBANKMENT (CV) (P)	CY	257.00	\$20.00	\$5,140.00	\$7.00	\$1,799.00	\$6.00	\$1,542.00	\$10.00	\$2,570.00	\$8.20	\$2,107.40	\$5.00	\$1,285.00	\$25.00	\$6,425.00
19		DEWATERING	LS	1.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$16,000.00	\$16,000.00	\$70,000.00	\$70,000.00	\$40,000.00	\$40,000.00	\$5,000.00	\$5,000.00
20		GEOTEXTILE FABRIC TYPE 5	SY	743.00	\$2.00	\$1,486.00	\$1.00	\$743.00	\$2.00	\$1,486.00	\$3.50	\$2,600.50	\$3.40	\$2,526.20	\$6.00	\$4,458.00	\$2.68	\$1,991.24
21		STREET SWEEPER (WITH PICKUP BROOM)	HR	40.00	\$175.00	\$7,000.00	\$100.00	\$4,000.00	\$160.00	\$6,400.00	\$178.00	\$7,120.00	\$185.00	\$7,400.00	\$100.00	\$4,000.00	\$75.00	\$3,000.00
22		WATER FOR DUST CONTROL	MGAL	80.00	\$20.00	\$1,600.00	\$50.00	\$4,000.00	\$15.00	\$1,200.00	\$79.00	\$6,320.00	\$59.90	\$4,792.00	\$55.00	\$4,400.00	\$15.00	\$1,200.00
23		AGGREGATE BASE (CV) CLASS 5	TON	12063.00	\$25.00	\$301,575.00	\$16.00	\$193,008.00	\$19.00	\$229,197.00	\$23.00	\$277,449.00	\$18.50	\$223,165.50	\$14.00	\$168,882.00	\$20.64	\$248,980.32
24		MILL BITUMINOUS SURFACE (2.0")	SY	1202.00	\$9.00	\$10,818.00	\$5.00	\$6,010.00	\$6.00	\$7,212.00	\$6.00	\$7,212.00	\$5.00	\$6,010.00	\$3.00	\$3,606.00	\$5.34	\$6,418.68
25		TYPE SP 9.5 WEARING COURSE MIX (3:B) - TRAIL	TON	826.00	\$95.00	\$78,470.00	\$82.00	\$67,732.00	\$84.00	\$69,384.00	\$88.00	\$72,688.00	\$91.30	\$75,413.80	\$75.00	\$61,950.00	\$87.54	\$72,308.04
26		TYPE SP 12.5 WEARING COURSE MIX (3:C)	TON	4127.00	\$90.00	\$371,430.00	\$72.00	\$297,144.00	\$75.00	\$309,525.00	\$78.00	\$321,906.00	\$84.20	\$347,493.40	\$79.00	\$326,033.00	\$77.94	\$321,658.38
27		TYPE SP 12.5 NONWEARING COURSE MIXTURE (3:C)	TON	2216.00	\$90.00	\$199,440.00	\$72.00	\$159,552.00	\$75.00	\$166,200.00	\$78.00	\$172,848.00	\$75.30	\$166,864.80	\$77.00	\$170,632.00	\$77.94	\$172,715.04
28		4" PERFORATED PE PIPE DRAIN	LF	200.00	\$15.00	\$3,000.00	\$6.00	\$1,200.00	\$30.00	\$6,000.00	\$20.00	\$4,000.00	\$11.30	\$2,260.00	\$3.75	\$750.00	\$22.20	\$4,440.00
29		4" PVC PIPE DRAIN CLEANOUT	EA	4.00	\$400.00	\$1,600.00	\$285.00	\$1,140.00	\$300.00	\$1,200.00	\$350.00	\$1,400.00	\$227.00	\$908.00	\$320.00	\$1,280.00	\$956.83	\$3,827.32
30		15" RC PIPE APRON	EA	1.00	\$550.00	\$550.00	\$1,100.00	\$1,100.00	\$2,450.00	\$2,450.00	\$1,450.00	\$1,450.00	\$1,210.00	\$1,210.00	\$1,300.00	\$1,300.00	\$1,057.96	\$1,057.96
31		33" RC PIPE APRON	EA	1.00	\$800.00	\$800.00	\$1,900.00	\$1,900.00	\$4,450.00	\$4,450.00	\$2,150.00	\$2,150.00	\$2,120.00	\$2,120.00	\$2,100.00	\$2,100.00	\$1,825.55	\$1,825.55
32		15" RC PIPE SEWER DES 3006 CL III	LF	1704.00	\$65.00	\$110,760.00	\$49.00	\$83,496.00	\$52.00	\$88,608.00	\$74.00	\$126,096.00	\$52.60	\$89,630.40	\$60.00	\$102,240.00	\$59.15	\$100,791.60
33		18" RC PIPE SEWER DES 3006 CL III	LF	505.00	\$70.00	\$35,350.00	\$54.00	\$27,270.00	\$56.00	\$28,280.00	\$67.00	\$33,835.00	\$55.20	\$27,876.00	\$65.00	\$32,825.00	\$62.78	\$31,703.90
34		21" RC PIPE SEWER DES 3006 CL III	LF	8.00	\$80.00	\$640.00	\$110.00	\$880.00	\$64.00	\$512.00	\$98.00	\$784.00	\$62.20	\$497.60	\$100.00	\$800.00	\$72.60	\$580.80
35		30" RC PIPE SEWER DES 3006 CL III	LF	405.00	\$100.00	\$40,500.00	\$90.00	\$36,450.00	\$93.00	\$37,665.00	\$107.00	\$43,335.00	\$98.50	\$39,892.50	\$115.00	\$46,575.00	\$104.62	\$42,371.10
36		33" RC PIPE SEWER DES 3006 CL III	LF	237.00	\$150.00	\$35,550.00	\$105.00	\$24,885.00	\$120.00	\$28,440.00	\$125.00	\$29,625.00	\$118.00	\$27,966.00	\$135.00	\$31,995.00	\$121.17	\$28,717.29
37		36" RC PIPE SEWER DES 3006 CL III	LF	209.00	\$200.00	\$41,800.00	\$115.00	\$24,035.00	\$130.00	\$27,170.00	\$141.00	\$29,469.00	\$136.00	\$28,424.00	\$155.00	\$32,395.00	\$134.51	\$28,112.59
38		CONNECT TO EXISTING STORM SEWER	EA	1.00	\$1,600.00	\$1,600.00	\$950.00	\$950.00	\$1,500.00	\$1,500.00	\$1,120.00	\$1,120.00	\$6,480.00	\$6,480.00	\$1,840.00	\$1,840.00	\$1,268.27	\$1,268.27
39		CONNECT INTO EXISTING DRAINAGE STRUCTURE	EA	7.00	\$2,000.00	\$14,000.00	\$950.00	\$6,650.00	\$1,500.00	\$10,500.00	\$1,100.00	\$7,700.00	\$0.00	\$0.00	\$1,840.00	\$12,880.00	\$1,268.27	\$8,877.89
40		CASTING ASSEMBLY R-3067-VB	EA	3.00	\$1,300.00	\$3,900.00	\$1,060.00	\$3,180.00	\$1,000.00	\$3,000.00	\$1,270.00	\$3,810.00	\$876.00	\$2,628.00	\$1,875.00	\$5,625.00	\$917.04	\$2,751.12
41		CASTING ASSEMBLY R-3067-V	EA	27.00	\$1,300.00	\$35,100.00	\$1,060.00	\$28,620.00	\$1,000.00	\$27,000.00	\$1,270.00	\$34,290.00	\$876.00	\$23,652.00	\$1,875.00	\$50,625.00	\$917.04	\$24,760.08
42		CASTING ASSEMBLY R-1642-B	EA	6.00	\$1,300.00	\$7,800.00	\$1,510.00	\$9,060.00	\$1,000.00	\$6,000.00	\$1,050.00	\$6,300.00	\$1,420.00	\$8,520.00	\$1,875.00	\$11,250.00	\$702.47	\$4,214.82
43		CONST DRAINAGE STRUCTURE DES 2X3	LF	66.60	\$500.00	\$33,300.00	\$425.00	\$28,305.00	\$585.00	\$38,961.00	\$550.00	\$36,630.00	\$462.00	\$30,769.20	\$320.00	\$21,312.00	\$415.28	\$27,657.65
44		CONST DRAINAGE STRUCTURE DES 48-4020	LF															



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.M.
May 22, 2025
Consent Agenda

Description:

Approve purchase of Traffic Signal Controller Cabinet for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements

Staff Contact:

Brandon Anderson, City Engineer

Department / Division:

Public Works/Engineering

Action Requested:

Approve purchase of Traffic Signal Controller Cabinet for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements

Summary:

Staff solicited and received a quote for a Dakota County standard traffic signal controller and cabinet in the amount of \$32,670.00, for advance purchase by the City and installation by an electrical contractor at the 140th Street West/ Johnny Cake Ridge Road intersection signal system. A new controller and cabinet are required to be purchased to allow for flashing yellow arrow operations to be installed for all intersection approaches (the existing cabinet and controller will not accommodate flashing yellow arrow operations). This work is included as part of intersection and ADA improvements as part of the Johnny Cake Ridge Road (147th to 140th Street) Improvements.

Only 1 quote was solicited, as there is only 1 supplier in the State of Minnesota that supplies Dakota County standard controllers and cabinets. The project calls for the controller and cabinet to be County standard components to allow for the County to continue to be able to maintain and operate this signal system on behalf of the City.

Attached is a copy of the detailed price quotations.

Background:

On June 13, 2024, the City Council adopted Resolution Number 2024-94, Authorizing Preparation of Feasibility Study for Project 2025-104, 2025 Johnny Cake Ridge Road (147th to 140th Street) Improvements.

On October 24, 2024, City Council adopted Resolution Number 2024-133, directing the preparation of plans and specifications for Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements.

Budget Impact:

Project costs and funding are included in the budgeted amounts as part of Project 2025-104, Johnny Cake Ridge Road (147th to 140th Street) Improvements. Municipal State Aid Funds are budgeted for costs associated with proposed improvements.

Attachments:

1. Quote Summary Letter



Building a Better World
for All of Us®

April 3, 2025

RE: Apple Valley, Minnesota
Controller Cabinet Ordering
140th Street at Johnny Cake Ridge Road
City Project No. 2025-104
SEH No. APPLE 181897

Mr. Brandon S. Anderson, PE
City Engineer
City of Apple Valley
7100 147th Street West
Apple Valley, Minnesota 55124

Dear Brandon:

This letter is intended to outline for you the information needed for the City of Apple Valley to purchase one (1) new traffic signal controller cabinet and controller unit, for the revised signal system work at the intersection of 140th Street West and Johnny Cake Ridge Road.

By purchasing these items, the City can:

- Save contactor markup for providing these items,
- Ensure that these materials are Dakota County approved and will meet their requirements for potential future signal maintenance and operation of these materials.

As requested, SEH solicited a price quote from the local supplier that provides these County recommended materials and electrical equipment (Traffic Control Corporation). The supplier provided us with a price quote for these materials on March 31, 2025 and a copy of their detailed price quote is attached to this letter for your information and records. Their quote is for **\$28,700.00** and includes the controller cabinet, controller unit, and internal cabinet components, along with an EVP auxiliary interface panel to allow for full operation of the existing EVP system. The Engineer's estimate for these items was \$30,000.

The price quote also included a line item for replacement of the Emergency Vehicle Preemption (EVP) cabinet card (**for \$3,970.00**). While the original EVP cabinet card may be able to be reused with the new controller cabinet installation, if the City has available funds we recommend that these be replaced with the new controller cabinet installation. The existing EVP card is an original item installed with this signal system several years ago and should be considered for replacement in the next few years to ensure that the full EVP system continues to operate satisfactorily. Note that the new EVP cabinet card will work with the existing signal mast arm mounted detectors and cabling from the detectors to the cabinet, so only the cabinet card is recommended to be upgraded at this time.

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 3535 Vadnais Center Drive, St. Paul, MN 55110

SEH is 100% employee-owned | sehinc.com | 651.490.2000 | 800.325.2055 | 888.908.8166 fax

Mr. Brandon S. Anderson, PE

April 3, 2025

Page 2

Including the costs of the controller and cabinet along with EVP cabinet card replacement, the overall quoted price by Traffic Control Corporation for these components is **\$32,670.00**.

Estimated shipping time after shop drawings are approved is 12-14 weeks, meaning that these components would be anticipated to ship to the City (or County) in July or August depending on when the City places the order for these components.

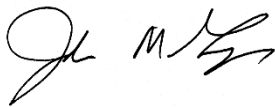
Enclosed with this letter is a sample letter (hard and disk copy) that the City can use to advance purchase these items for the revised signal system. The sample cover letter has been compiled to detail the specific equipment that needs to be advance ordered from Traffic Control Corporation. The cover letter can be used as shown or modified as you see fit, adding the City's letterhead to the letter. The City will need to issue a purchase order to Traffic Control Corporation for these materials.

The prices shown on the cover letter are the prices quoted directly from Traffic Control Corporation for these items. **These prices do not include sales tax**, as the City should be able to tax-exempt order these items.

Please feel free to call me at 651-402-4383 or email me at jgray@sehinc.com if you have any comments or questions regarding the above-mentioned information. Thank you.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.

A handwritten signature in black ink, appearing to read 'John M. Gray', with a stylized flourish at the end.

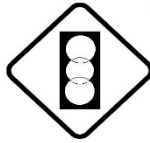
John M. Gray, PE
Project Engineer

Enclosures

Mr. Brandon S. Anderson, PE

April 3, 2025

Page 3



**TRAFFIC CONTROL
CORPORATION**
5651 MEMORIAL AVENUE
OAK PARK HEIGHTS, MN 55082
PHONE: 651-439-1737

QUOTATION

Number 663803

Page: 1 of 1

To: 10908 APPLE VALLEY, CITY OF 7100 147TH STREET W APPLE VALLEY MN 55124-9016 USA Attn: Email: Phone: 952-953-2500 Fax:	Quote Date: 3/31/2025 Expires: 5/30/2025 Terms: NET 30 BASED ON APPROVED CREDIT FOB: DESTINATION-FRT INCLUDED Salesperson: ALLEN EISINGER Email: AEisinger@TCC1.com Phone: 651-439-1737
---	---

Letting Date:	Location: 140TH ST W @ JOHNNY CAKE RIDGE RD
Book / Call / Item:	Description: TRAFFIC SIGNAL CONTROLLER & CABINET
Contract No: MNDOT 144047	

Part Number / Description	Unit Price	Qty/UM	Net Price
TRAFFIC SIGNAL CABINET LOCATION: 140TH ST W & JOHNNY CAKE RIDGE RD 77" ECONOLITE ALUM NATURAL CABINET WITH DOCUMENT DRAWER, DAKOTA COUNTY TS2 SPECIFICATIONS: SETUP FOR FLASHING YELLOW ARROW OPERATION, 16 POSITION, 2 DETECTOR RACKS, 4 BIUS, POWER SUPPLY, 1 FL, 4 FTR, 16LS + 2 SPARE, 80 POSITION FUSE BLOCK, QUAD OUTLET ASSEMBLY, PEDESTRIAN INTERFACE BLOCK, MMU21600-GE	23,250.00	1.00 EA	23,250.00
F40225 (504) CONTROLLER, COBALT, G, TYPE 1, DATA KEY, 6 YEAR WARRANTY: ECONOLITE, COB11120110000 W/ COBEW6YR WITH EOS	4,750.00	1.00 EA	4,750.00
F60386 PHASE SELECTOR, MULTIMODE, OPTICOM 764: GTT, 76-1000-1054-0	3,970.00	1.00 EA	3,970.00
FIELD SERVICE *QUOTE INCLUDES 1 TRIP, UP TO 4 HOURS OF CABINET TURN ON ASSISTANCE FROM TCC TECHNICIAN	700.00	1.00 EA	700.00

Item Total:	32,670.00
Misc Charges and Adjustments:	0.00

Quote Total:	32,670.00
---------------------	------------------

*Pricing does not include applicable sales taxes. If order is to be exempt sales tax, documentation must be provided at time of order.
Additional terms may apply. Review our full Terms & Conditions of Sale at www.trafficcontrolcorp.com.*



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.N.
May 22, 2025
Consent Agenda

Description:

Approve First Amendment to Joint Powers Agreement with Dakota County for Bike and Pedestrian Plan Update

Staff Contact:

Evan Acosta, Assistant City Engineer

Department / Division:

Public Works/Engineering

Action Requested:

Approve First Amendment to Joint Powers Agreement with Dakota County for Bike and Pedestrian Plan Update

Summary:

The City was awarded a \$35,000 grant through Dakota County Public Health for an update to the City's existing Pedestrian and Bicycle Plan from 2010. The existing Joint Powers Agreement requires that the grant funds be spent by May 31, 2025. The City and County have identified that it is in the best interest of the Plan Update to extend the timeline to August 31, 2025, to allow for continued Public Engagement and thorough review of the updated plan materials. The City expects to bring forward a Draft version of the Update to City Council for comments in July.

The amendment has been reviewed by the City Attorney.

Background:

On November 26, 2024, City Council authorized Project 2024-112, Bike and Pedestrian Plan Update.

On July 11, 2024, City Council approved a Joint Powers Agreement with Dakota County for Project 2024-112, Bike and Pedestrian Plan Update.

Budget Impact:

N/A

Attachments:

1. Amendment to JPA

**FIRST AMENDMENT TO JOINT POWERS
AGREEMENT BETWEEN DAKOTA COUNTY AND
THE CITY OF APPLE VALLEY**

WHEREAS, effective July 23, 2024 the County of Dakota ("County") and the City of Apple Valley ("City") entered into a Joint Powers Agreement DCA20570 ("JPA") for sharing of cost to conduct a Pedestrian and Bicycle Plan Update ("Project"); and

WHEREAS, Section 1 of the JPA provides that the JPA shall remain in effect until May 31, 2025; and

WHEREAS, Section 2 of the JPA provides that the County agrees to reimburse the City in an amount not to exceed \$35,000 for costs incurred to conduct a Pedestrian and Bicycle Plan Update during the period from the Effective Date through May 31, 2025 (Grant Funds); and

WHEREAS, the second paragraph of Section 6 provides, in part, that all requests for reimbursements must be submitted by April 15, 2025; and

WHEREAS, Section 7 (J), subparagraph iii (a) provides, in part, that the County may refrain from disbursing additional Grant Funds hereunder, and/or may seek recovery of all or a portion of any grant Funds Previously disbursed to the City hereunder upon: . . . (ii) the City's failure to complete the Pedestrian and Bicycle Plan Update on or before the later of May 31, 2025 or the expiration of the Cure Period; and

WHEREAS, Section 7 (B), subparagraph iii provides that any amendment to the JPA must be in writing and executed by the County and City; and

WHEREAS, the County and City desire to amend Sections 1, 2, 6, and 7 (J) of the JPA as set forth below.

NOW, THEREFORE, the County and City agree to amend the JPA as follows in consideration of the mutual covenants contained herein:

1. Section 1 is amended to read as follows:

1. Effective Date and Term. This Agreement shall be effective as of the dates of signature by the parties. This Agreement shall remain in effect until August 31, 2025 or until completion by the parties of their respective obligations under this Agreement, whichever occurs first, unless earlier terminated by law or according to the provisions of this Agreement.

2. Section 2 is amended to read as follows:

2. Grant of Monies. The County agrees to reimburse the City in an amount not to exceed \$35,000 for costs incurred to conduct a Pedestrian and Bicycle Plan Update during the period from the Effective Date through August 31, 2025 (Grant Funds).

3. Section 6 is amended to read as follows:

6. Reimbursement. After this Agreement has been executed by both parties, the City may claim reimbursement for expenditures incurred in connection with the performance of activities that are eligible for reimbursement in accordance with the Agreement.

The County will reimburse the City within 35 calendar days of the City's submission of invoices to the County for eligible expenditures. Invoices must be submitted in the form acceptable to the County. All requests for reimbursement must be submitted by July 15, 2025. The City must certify that the requested reimbursements are accurate, appropriate and eligible in accordance with Master Grant Contract No. 12-700-0068 attached hereto as set forth in **Exhibit D**, that it has documentation of the actual expenditures for which reimbursement is sought, and that such expenditures have not been otherwise reimbursed.

4. Section 7 Miscellaneous (J) Default and Remedies (iii) Remedies subparagraph (a) is amended to read as follows:
 - (a) May refrain from disbursing additional Grant Funds hereunder; and/or may seek recovery of all or a portion of any Grant Funds previously disbursed to the City hereunder upon: (i) the County determining that previously reimbursed expenditures were ineligible for reimbursement and/or (ii) the City's failure to complete the Pedestrian and Bicycle Plan Update on or before the later of August 31, 2025 or expiration of the Cure Period.
5. This Amendment is effective and enforceable on the date that the last party hereto signs this Amendment.
6. All other terms of the JPA shall remain in full force and effect.
7. In any case where this Amendment conflicts with the initial terms of the JPA, this Amendment shall govern.

IN WITNESS WHEREOF, the parties have executed this Amendment on the dates indicated below.

CITY OF APPLE VALLEY

RECOMMENDED FOR APPROVAL:

Public Works Director

By _____
Mayor
Date _____

AND

By _____
City Clerk
Date _____

DAKOTA COUNTY

By _____
Physical Development Director
Date _____

APPROVED AS TO FORM:

/s/ Brian J. Wisdorf 5/2/2025
Assistant County Attorney Date
KS-23-295-1

COUNTY BOARD RESOLUTIONS

No. 23-181



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.O.
May 22, 2025
Consent Agenda

Description:

Approve Change Order No. 1 to agreement with Kusske Construction Co. LLC, for Project 2025-127, 140th St (Pilot Knob to Erickson Park) SS Improvements and approve acceptance and final payment

Staff Contact:

Brandon Anderson, City Engineer

Department / Division:

Public Works/Engineering

Action Requested:

Approve Change Order No. 1 to agreement with Kusske Construction Co. LLC, for Project 2025-127, 140th St (Pilot Knob to Erickson Park) SS Improvements and approve acceptance and final payment

Summary:

Change order No. 1 in the amount of \$30,033.76 provides compensation to the Contractor for all necessary costs to remove excess frost from the site and the import of sand to fill the extra excavation.

Attached please find the 2nd and final payment for Project 2025-127, 140th St (Pilot Knob to Erickson Park) SS Improvements. All public improvements associated with the project are complete and in acceptable condition to become public infrastructure of the City. This final payment of \$59,140.39 will close the agreement with Kusske Construction Co. LLC, and result in a total construction cost of \$506,478.76.

Background:

On February 13, 2025, City Council adopted Resolution 2025-24, awarding agreement for Project 2025-127, 140th St (Pilot Knob to Erickson Park) SS Improvements to Kusske Construction Company, LLC in the amount of \$477,945.00.

On January 9, 2025, City Council Accepted a Proclamation Declaring a Local Emergency, Adopted Resolution 2025-008 Extending a Local Emergency Pursuant to Minnesota Statutes, Sections 12.29 and 12.37, and Adopted Resolution 2025-009 Authorizing the Making of a Local or Special Emergency Contract.

Budget Impact:

Final cost breakdown and funding for the project are summarized below.

Estimated Project Costs:	Awarded Costs	Final Cost
Construction Cost	\$ 477,945.00	\$ 476,445.00
Hard Surface Restoration (special contract)	\$ 150,000.00	
Change Order No. 1	\$ 0.00	\$ 30,033.76
Total Estimated Cost	\$ 627,945.00	\$ 506,478.76

Estimated Project Funding:		
(Reallocate) City Project 2025-106	\$ 600,000.00	\$ 506,478.76
Sanitary Sewer Fund	\$ 27,945.00	
Total Estimated Funding	\$ 627,945.00	\$ 506,478.76

Attachments:

1. Final Pay with Change Order No. 1

PAYMENT VOUCHER NO. 2 and Final
2025-127 140th St (PILOT KNOB TO ERICKSON PARK) SS IMPROVEMENTS
CITY PROJECT NO. 2025-127
For Period: 2/27/2025 Through 4/30/2025

OWNER:
City of Apple Valley
7100 147th Street West
Apple Valley, MN 55124

CONTRACTOR:
Contractor Name Kusske Construction Co.
Contractor Address 582 Bavaria Ln
City, State, Zip Chaska, MN 55318
Telephone No. 952-448-3321

Amount of Contract: \$477,945.00
CO No. #1 \$30,033.76
Total Amount \$507,978.76

	Account Number	Contract Amount Per Resolution 2025-009 & 2025-008	Value of Work Certified To Date	Less 5% Percent Retained	Less Previous Payments	Net Amount Due
Sanitary Sewer Utility	5365-6810-2025127S	\$ 477,945.00	\$ 476,445.00	\$ -	\$ 447,338.37	\$ 29,106.63
CO No. #1	5365-6810-2025127S	\$ 30,033.76	\$ 30,033.76	\$ -	\$ -	\$ 30,033.76
Subtotal		\$ 507,978.76	\$ 506,478.76	\$ -	\$ 447,338.37	\$ 59,140.39
Total		\$507,978.76	\$506,478.76	\$0.00	\$447,338.37	\$59,140.39

Date: 9-May-2025

Brandon Anderson

Brandon Anderson (N2y 9, 2025 08:28 CDT)

City Engineer

Date: 5/12/25

Matt G...

Public Works Director



Owner: City of Apple Valley, 7100 W. 147th St., Apple Valley, MN 55124	Date: April 30, 2025
For Period: 2/27/2025 - 4/30/2025	Request No: 2 & Final
Contractor: Kusske Construction Company, LLC	

CONTRACTOR'S REQUEST FOR PAYMENT

140th St (Pilot Knob to Erickson Park) SS Improvemnets
2025-127

SUMMARY

1	Original Contract Amount		\$	\$477,945.00
2	Change Order - Addition	\$	30,033.76	
3	Change Order - Deduction	\$	0.00	
4	Revised Contract Amount		\$	\$507,978.76
5	Value Completed to Date		\$	\$506,478.76
6	Material on Hand		\$	\$0.00
7	Amount Earned		\$	\$506,478.76
8	Less Retainage 0%		\$	\$0.00
9	Subtotal		\$	\$506,478.76
10	Less Amount Paid Previously		\$	\$447,338.37
11	Liquidated damages -		\$	\$0.00
12	AMOUNT DUE THIS REQUEST FOR PAYMENT NO.	2 & Final	\$	\$59,140.39

Approved by Contractor:
Kusske Construction Company, LLC

Specified Contract Completion Date:
March 7, 2025

Approved by Owner:
CITY OF APPLE VALLEY

Brandon Anderson

Brandon S Anderson (May 9, 2025 08:32 CDT)
Brandon S Anderson, City Engineer

9-May-2025

Date

Clint Hooppaw, Mayor

Date

Attest: Christina M. Scipioni, City Clerk

Date

No.	Item	Unit	Contract Quantity	Unit Price	Previous Quantity	Current Quantity	Quantity To Date	Amount To Date
PART 1								
1	MOBILIZATION	LS	1	\$ 12,250.00	\$ 0.75	0.25	1	\$ 12,250.00
2	REMOVE TRAIL AND PAVEMENT	LS	1	\$ 13,750.00	\$ 1.00	0.00	1	\$ 13,750.00
3	BIO-LOGS	LF	600	\$ 5.00	\$ 300.00	0.00	300	\$ 1,500.00
4	BLANKET FOR DISTURBED AREAS	SY	3,000	\$ 2.50	\$ 3,000.00	0.00	3,000	\$ 7,500.00
5	RIP FROST	LS	1	\$ 18,750.00	\$ 1.00	0.00	1	\$ 18,750.00
6	REMOVE FROST FROM SITE	CY	1,900	\$ 17.25	\$ 1,900.00	0.00	1,900	\$ 32,775.00
7	IMPORT SAND TO REPLACE FROST	CY	1,900	\$ 18.60	\$ 1,900.00	0.00	1,900	\$ 35,340.00
8	SAND FILL EXISTING 15" SEWER	LF	1,600	\$ 10.50	\$ 1,600.00	0.00	1,600	\$ 16,800.00
9	REMOVE MANHOLE SECTION/ FILL WITH SAND	EA	4	\$ 1,250.00	\$ 2.00	2.00	4	\$ 5,000.00
10	CONNECT TO EXISTING SEWER	EA	2	\$ 4,240.00	\$ 2.00	0.00	2	\$ 8,480.00
11	OPEN CUT 15" PVC SDR 26, 10' DEEP	LF	1,600	\$ 173.00	\$ 1,600.00	0.00	1,600	\$ 276,800.00
12	INSTALL SANITARY MANHOLLES	EA	5	\$ 9,500.00	\$ 5.00	0.00	5	\$ 47,500.00
TOTAL PART 1								\$476,445.00
CHANGE ORDER NO. 1								
13	REMOVE FROST FROM SITE	CY	1415	\$ 17.25	0	1415.00	1415	\$ 24,408.75
14	IMPORT SAND TO REPLACE FROST	CY	302.42	\$ 18.60	0	302.42	302.42	\$ 5,625.01
TOTAL CHANGE ORDER NO. 1								\$ 30,033.76
TOTAL PART 1 + CHANGER ORDER NO. 1								\$506,478.76

PROJECT PAYMENT STATUS

OWNER CITY OF APPLE VALLEY
140th St (Pilot Knob to Erickson Park) SS Improvemnets
City Project 2025-127
CONTRACTOR Kusske Construction Company, LLC

CHANGE ORDERS

No.	Date	Description	Amount
I	5/6/2025	Additional Frost removal and Backfill	\$30,033.76
Total Change Orders			\$30,033.76

PAYMENT SUMMARY

No.	From	To	Payment	Retainage	Completed
1	01/27/2025	02/27/25	\$447,338.37	\$23,544.13	\$470,882.50
2 & Final	02/27/2025	04/30/25	\$59,140.39		\$506,478.76

Material on Hand

Total Payment to Date	\$506,478.76	Original Contract	\$477,945.00
Retainage Pay No. 2 & Final		Change Orders	\$30,033.76
Total Amount Earned	\$506,478.76	Revised Contract	\$507,978.76



Owner: City of Apple Valley, 7100 W. 147th St., Apple Valley, MN 55124	Date	4/30/2025
Contractor: Kusske Construction Company, LLC		
Bond Company: Travelers Casualty and Surety Company of America	Bond No.	108111272

CHANGE ORDER NO. 1
140th St (Pilot Knob to Erickson Park) SS Improvements
CITY PROJECT NO. 2025-127

The following items are deemed to be necessary to complete the project according to the intended design. In accordance with the terms of this Contract, the Contractor is hereby authorized and instructed to perform the work as altered by the following provisions.

Description of Work

This change order will add additional scope and quantities to the project.

- Item 1 covers all necessary costs to remove excess frost from site.
- Item 2 Covers the import of sand to fill the extra excavation.

			Contract	Unit	Total
No.	Item	Unit	Quantity	Price	Amount
CHANGE ORDER NO. 1					
13	REMOVE FROST FROM SITE	CY	1415	\$17.25	\$24,408.75
14	IMPORT SAND TO REPLACE FROST	CY	302.42	\$18.60	\$5,625.01
TOTAL CHANGE ORDER 1					\$30,033.76

Original Contract Amount	\$477,945.00
Previous Change Orders	\$0.00
This Change Order	<u>\$30,033.76</u>
Revised Contract Amount (including this change order)	\$507,978.76

CHANGE IN CONTRACT TIMES

Original Contract Times:	3/7/2025
Substantial Completion (days or date):	3/7/2025
Ready for final Payment (days or date):	4/30/2025

Increase of this Change Order:

Substantial Completion (days or date):	
Ready for final Payment (days or date):	

Contract Time with all approved Change Orders:

Substantial Completion (days or date):	
Ready for final Payment (days or date):	

Approved by Contractor:
Kusske Construction Company, LLC


Name and Title Jason Kusske, president

5-7-25
Date

Approved by Owner:
CITY OF APPLE VALLEY

Clint Hooppaw, Mayor

Date

Approved By Public Works
CITY OF APPLE VALLEY

Brandon Anderson
City of Apple Valley 05/09/2025 08:58:07
Brandon S. Anderson, City Engineer

Attest: Christina M. Scipioni, City Clerk

9-May-2025

Date

Date

cc: Contractor: Kusske Construction Co. LLC
Bonding Company: Travelers



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.P.
May 22, 2025
Consent Agenda

Description:

Approve acceptance and final payment on purchase order with Webber Recreational Design, Inc., for branding and play features for Project 2024-187, Family Aquatic Center Improvements (2023 Parks Bond Referendum)

Staff Contact:

Nate Rosa
Recreation Superintendent

Department / Division:

Parks and Recreation

Action Requested:

Approve acceptance and final payment on purchase order with Webber Recreational Design, Inc., for branding and play features for Project 2024-187, Family Aquatic Center Improvements (2023 Parks Bond Referendum)

Summary:

Webber Recreation Design, Inc., was hired to fabricate custom branding and play features for Splash Valley Water Park (formerly the Apple Valley Family Aquatic Center). The purchase order, in the amount of \$272,283.00, included:

- Five separate otter features to be displayed around the water park
- One giant tippy wedge play feature with a 375-gallon dump bucket
- One climbing platform and slide feature with a water play table
- One wacky play feature with water jets, buckets, and more

The City purchased these items from Webber Recreation Design, Inc., through the Sourcewell Cooperative Purchasing Agreement. The custom-made branding and play features have been delivered to Splash Valley Water Park, and staff are very pleased with the finished product. Installation of the equipment (which is already underway) is being coordinated by Terra Construction, the Construction Manager at Risk for this project. Staff are recommending final payment.

Background:

For the last several years, the City of Apple Valley has worked with the community to determine the future needs and desires residents have for parks and recreation services. In November 2023, Apple Valley voters approved two separate questions in a special election, authorizing a total of \$73.25 million to invest in parks, trails, natural resources, Kelley Park, Redwood Park, Hayes Arena, the Apple Valley Family Aquatic Center, the Apple Valley Community Center and Senior Center, a youth

athletic complex at Hayes Park, and a community pool at Redwood Park.

It will take four to six years to implement the improvements approved by voters. As we develop projects, we will involve residents in the planning process. Information on plans and construction progress will be provided on our website so residents can see what work is planned for each location and how the referendum dollars are being spent.

Budget Impact:

Funding for this project comes from the successful 2023 Parks Bond Referendum.

Attachments:

1. Final Pay Document

Webber Recreational Design, Inc.

1442 Brooke Ct
Hastings, MN 55033 US
+16514383630
customerservice@webberrec.com
www.webberrec.com



RECEIVED by Apple Valley Finance	
Received By:	Brandi Aitkin
Date Received:	4/17/25

Per Eric, hold check until
parts are received/installed.

INVOICE

BILL TO
City of Apple Valley
7100 W 147th St
Apple Valley 55124-6562

INVOICE 1466
DATE 04/15/2025
TERMS Due on receipt
DUE DATE 05/01/2025

SALES REP PROJECT NAME
Jay Pool Play Feat

ACTIVITY	QTY	RATE	AMOUNT
Miracle Order:Miracle Order MIRACLE ORDER SOURCEWELL #33405	1	0.00	0.00T
Miracle Order:Miracle Order MIIRACLE R0013243183	1	63,690.00	63,690.00T
Freight Charges Freight Charges Miracle order R0013243183	1	2,700.00	2,700.00T
Weber Group:Aquatic Designs WEBER GROUP Pool Play features	1	388,893.00	388,893.00T
	1	0.00	0.00T

FINAL PAYMENT Please Make Checks Payable to: Webber Recreational Design, Inc.	SUBTOTAL	455,283.00
	TAX (0%)	0.00
	TOTAL	455,283.00
	PAYMENT	183,000.00

	BALANCE DUE	\$272,283.00



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.Q.
May 22, 2025
Consent Agenda

Description: Approve claims and bills	
Staff Contact: Ron Hedberg, Finance Director	Department / Division: Finance

Action Requested:
Approve claims and bills

Summary:
Attached for City Council review and approval are check registers for recent claims and bills.

Background:
N/A

Budget Impact:
Check registers dated April 30, 2025, and May 7, 2025, in the amounts of \$3,004,264.60, and \$791,338.03, respectively.

Attachments:

1. Check Register & Summary, April 30, 2025
2. Check Register & Summary, May 7, 2025

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34453	5/2/2025		100101 ACE HARDWARE							
		5.59-	DISCOUNT		488547	350130100337	1330.6333		GENERAL-CASH DISCOUNTS	FIRE OPERATIONS
		55.95	CLEANING SUPPLIES		488547	350130100337	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
		.39-	DISCOUNT		488548	350130100347	1330.6333		GENERAL-CASH DISCOUNTS	FIRE OPERATIONS
		3.91	FASTENERS		488548	350130100347	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
		.13-	DISCOUNT		488303	350134100308	1730.6333		GENERAL-CASH DISCOUNTS	PARK BUILDING MAINTENANCE
		1.38	Q.P. FAUCET REPAIR		488303	350134100308	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		1.99-	DISCOUNT		488304	350134100310	1730.6333		GENERAL-CASH DISCOUNTS	PARK BUILDING MAINTENANCE
		19.99	PADLOCK JCRPE		488304	350134100310	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		1.59-	DISCOUNT		488305	350134100324	1720.6333		GENERAL-CASH DISCOUNTS	PARK GROUNDS MAINTENANCE
		16.00	SAW BLADES		488305	350134100324	1720.6211		SMALL TOOLS & EQUIPMENT	PARK GROUNDS MAINTENANCE
		87.54								
34454	5/2/2025		100389 ALPHAGRAPHICS							
		91.33	RECEIPT, INV & RETURN FORM		488180	133618	1200.6239		PRINTING	POLICE MANAGEMENT
		91.33								
34455	5/2/2025		153995 AMAZON CAPITAL SERVICES							
		227.79	NEW CRIME SCENE MARKERS		488344	111CQTJC1RXQ	1200.6229		GENERAL SUPPLIES	POLICE MANAGEMENT
		386.13	PD OPS RESTROOM DISPENSERS		488194	13WD3TQQNCTP	4432.6740	2021172G	CAPITAL OUTLAY-MACH/EQUIP/OTHE	2024A CAPITAL PROJECTS CIP EXP
		66.98	NEW EVIDENCE BAG		488329	14KMDKC66Q1N	1200.6229		GENERAL SUPPLIES	POLICE MANAGEMENT
		473.44	TARGET STANDS-RANGE		488523	14WXKD11L1T6	1255.6229		GENERAL SUPPLIES	POLICE GUN RANGE
		15.49	TIES FOR EXPLORERS		488345	1GRR6JT3C4K	1210.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE FIELD OPERATIONS/PATROL
		66.33	SMALL PARTS		488135	1KCNTCWM3QL9	2240.6215		EQUIPMENT-PARTS	GOLF EQUIPMENT MAINTENANCE
		36.89-	DAMAGED PRODUCT		488123	1KM1GLQYFGKK	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		14.98	MAGNETIC STRIPS FOR OFFICE		488075	1MK1QQGQ3XD7	1700.6229		GENERAL SUPPLIES	PARK & RECREATION MANAGEMENT
		65.32	TIES FOR EXPLORERS		488346	1MTVPVVHXHFP	1210.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE FIELD OPERATIONS/PATROL
		198.61	SHOP SUPPLIES,SHOP TOOLS CMF		488073	1QXH9DVRYPFKK	1540.6229		GENERAL SUPPLIES	CMF BUILDINGS & GROUNDS MNTC
		50.39	SAFETY EQUIPMENT - GLASSES		488072	1T4P9PDGYWHP	1610.6229		GENERAL SUPPLIES	STREET/BOULEVARD REPAIR & MNTC
		19.57	MINI SCREWDRIVER KIT		488340	1Y7G9XJRVKXC	1030.6211		SMALL TOOLS & EQUIPMENT	INFORMATION TECHNOLOGY
		1,548.14								
34456	5/2/2025		100954 BARNUM GATE SERVICES INC							
		4,730.00	REPAIR LONG EAST GATE		488282	44100	1540.6266		REPAIRS-BUILDING	CMF BUILDINGS & GROUNDS MNTC
		4,730.00								
34457	5/2/2025		100054 BAUER BUILT INC							
		141.60	TIRES		488531	180311751	1540.6216		VEHICLES-TIRES/BATTERIES	CMF BUILDINGS & GROUNDS MNTC
		70.80	TIRES		488531	180311751	5390.6216		VEHICLES-TIRES/BATTERIES	SWR EQUIP/VEHICLE MISC MNTC/RP
		70.80	TIRES		488531	180311751	5345.6216		VEHICLES-TIRES/BATTERIES	WATER EQUIP/VEHICLE/MISC MNTC
		119.09	TIRE CHANGE - #421		488539	518032325	5345.6265		REPAIRS-EQUIPMENT	WATER EQUIP/VEHICLE/MISC MNTC

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34457	5/2/2025		100054 BAUER BUILT INC						Continued...	
		119.10	TIRE CHANGE - #421		488539	518032325	5390.6265		REPAIRS-EQUIPMENT	SWR EQUIP/VEHICLE MISC MNTC/RP
		521.39								
34458	5/2/2025		149719 BAYCOM							
		288.00	CABLE FOR NEW ICV		488327	EQUIPINV054894	1200.6740		CAPITAL OUTLAY-MACH/EQ/OTHER	POLICE MANAGEMENT
		288.00								
34459	5/2/2025		100058 BELLBOY CORPORATION							
		4.00-	CNTAX#2	00004928	488245	109602700	5055.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		32.70	NTAX#1	00004928	488237	109680100	5015.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		12.75	TAX#2	00004928	488250	109680200	5055.6540		TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		24.00	NTAX#2	00004928	488251	109680200	5055.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		108.00	TAX#3	00004928	488257	109714000	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		24.00	NTAX#3	00004928	488258	109714000	5085.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		20.67-	CMLIQ#2	00004928	488246	207147700	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		93.73-	CMLIQ#1	00004928	488238	207159300	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		111.00	LIQ#3	00004928	488252	207357600	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		104.00	WINE#3	00004928	488253	207357600	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		180.00	THC#3	00004928	488254	207357600	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		49.50	TAX#3	00004928	488255	207357600	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		10.00	FREIGHT#3	00004928	488256	207357600	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		176.75	LIQ#1	00004928	488234	207358900	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		76.80	THC#1	00004928	488235	207358900	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		8.00	FREIGHT#1	00004928	488236	207358900	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		293.67	LIQ#2	00004928	488247	207359000	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		38.40	THC#2	00004928	488248	207359000	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		7.84	FREIGHT#2	00004928	488249	207359000	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		959.97	THC#1	00004928	488239	207439500	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		22.00	FREIGHT#1	00004928	488240	207439500	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		211.00	LIQ#3	00004928	488259	207458900	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		87.27-	CMTHC#1	00004928	488241	207466200	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		1.65-	CMFREIGHT#1	00004928	488242	207466200	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		87.00	LIQ#3	00004928	488260	207508200	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		70.45	NTAX#3	00004928	488261	207508200	5085.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		4.00	FREIGHT#3	00004928	488262	207508200	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		547.65	LIQ#1	00004928	488243	207510900	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		10.00	FREIGHT#1	00004928	488244	207510900	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		2,962.16								
34460	5/2/2025		121092 BOURGET IMPORTS							

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34460	5/2/2025		121092 BOURGET IMPORTS						Continued...	
		264.00	WINE#3	00045600	488265	216410	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		6.00	FREIGHT#3	00045600	488266	216410	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		60.00	WINE#3	00045600	488267	216411	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		2.00	FREIGHT#3	00045600	488268	216411	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,176.00	WINE#3	00045600	488269	216412	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		22.00	FREIGHT#3	00045600	488270	216412	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		368.00	WINE#3	00045600	488271	216414	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		6.00	FREIGHT#3	00045600	488272	216414	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		360.00	WINE#2	00045600	488263	216790	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		6.00	FREIGHT#2	00045600	488264	216790	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		176.00	WINE#3	00045600	488273	216796	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		4.00	FREIGHT#3	00045600	488274	216796	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		424.00	WINE#3	00045600	488275	216797	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		4.00	FREIGHT#3	00045600	488276	216797	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		739.20	WINE#3	00045600	488277	216815	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		10.00	FREIGHT#3	00045600	488278	216815	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		3,627.20								
34461	5/2/2025		101562 CDW GOVERNMENT INC							
		425.18	FIBER PATCH CABLES		488205	AD5PY2J	1030.6211		SMALL TOOLS & EQUIPMENT	INFORMATION TECHNOLOGY
		425.18								
34462	5/2/2025		122849 DAKOTA 911							
		3,770.00	DAKOTA 911-CAPITAL PROJ-MAY		488338	AR0000000656	1200.6249		OTHER CONTRACTUAL SERVICES	POLICE MANAGEMENT
		80,407.00	DAKOTA 911 FEE-MAY		488338	AR0000000656	1200.6249		OTHER CONTRACTUAL SERVICES	POLICE MANAGEMENT
		84,177.00								
34463	5/2/2025		100128 DAKOTA ELECTRIC ASSOCIATION							
		61.50	12119 GENTRY LN POND APR		488190	200010036848APR 25	5805.6545		NON-TAXABLE MISC FOR RESALE	STREET LIGHT UTILITY FUND
		24.48	943 1/2 GARDENVIEW DR APR		488185	200010052737APR 25	5805.6255		UTILITIES-ELECTRIC	STREET LIGHT UTILITY FUND
		37.21	HAWK SIGNAL PED CROSSING APR		488189	200010066613APR 25	5805.6255		UTILITIES-ELECTRIC	STREET LIGHT UTILITY FUND
		23.36	PILOT KNOB/155TH ST SPKLR APR		488187	200010066957APR 25	5805.6545		NON-TAXABLE MISC FOR RESALE	STREET LIGHT UTILITY FUND
		126.72	SIGN VALLEYWOOD ENTRANCE APR		488184	20001007874APR2 5	2215.6255		UTILITIES-ELECTRIC	GOLF CLUBHOUSE BUILDING
		472.56	15584 GASLIGHT DR APR		488186	200010130931APR 25	3212.6255	2024149G	UTILITIES-ELECTRIC	EDA OPERATION

Council Check Register by GL

Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34463	5/2/2025		100128 DAKOTA ELECTRIC ASSOCIATION						Continued...	
		745.83								
34464	5/2/2025		140094 DLT SOLUTIONS LLC							
		8,216.94	AUTOCAD SUBS. ANNUAL		488233	5309087A	1510.6308		SOFTWARE SUBSCRIPTIONS	PW ENGINEERING & TECHNICAL
		8,216.94								
34465	5/2/2025		131088 EBERT COMPANIES							
		4,562.85	POLICE OPERATIONS GARAGE-PMT 8		488307	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		4,562.85								
34466	5/2/2025		101365 ECM PUBLISHERS INC							
		300.00	SPRING WINE SALE AD		488195	1044003	5005.6239		PRINTING	LIQUOR GENERAL OPERATIONS
		300.00								
34467	5/2/2025		101387 EGAN							
		2,064.01	SPRING STREET LIGHT MAINT.		488332	JC364915N001	5805.6249	2024114G	OTHER CONTRACTUAL SERVICES	STREET LIGHT UTILITY FUND
		13,304.30	CLAIM#412367 CEDAR/WHITNEY LII		488333	JC364915N002	7205.6399		OTHER CHARGES	INSURANCE CLAIMS
		2,528.00	SOLAR LIGHT INSTALL/REPLACE		488544	JC364915N003	5365.6735	2025127S	CAPITAL OUTLAY-OTHER IMPROVEME	SEWER MGMT/REPORTS/DATA ENTRY
		17,896.31								
34468	5/2/2025		100685 EMERGENCY APPARATUS MAINTENANC							
		443.18	4984 - CONTROL PANEL MOUNT		488211	135918	1350.6215		EQUIPMENT-PARTS	FIRE VEHICLE MAINTENANCE
		443.18								
34469	5/2/2025		134308 FAIRCHILD EQUIPMENT							
		413.25	PARTS - #363 HEADLIGHTS		488295	PSO0405631	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		413.25								
34470	5/2/2025		120313 FASTENAL COMPANY							
		115.31	SIGN HARDWARE		488121	MNLAK210240	1680.6229		GENERAL SUPPLIES	TRAFFIC SIGNS/SIGNALS/MARKERS
		115.31								
34471	5/2/2025		101056 FORCE AMERICA DISTRIBUTING LLC							
		220.15	PARTS		488065	CM2002000655	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		554.48	SHAPER/TRACTOR PARTS		488230	IN0012027215	1765.6215		EQUIPMENT-PARTS	PARK EQUIPMENT MAINTENANCE
		304.02	PARTS		488063	IN0012057561	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		638.35								
34472	5/2/2025		100548 FORKLIFTS OF MINNESOTA, INC							
		24.48	PARTS- #328		488069	1P1180240	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34472	5/2/2025		100548 FORKLIFTS OF MINNESOTA, INC						Continued...	
		24.48								
34473	5/2/2025		100217 GRAINGER, INC.							
		111.01	SPACE HEATER FOR DANYEL		488125	9476174769	1035.6211		SMALL TOOLS & EQUIPMENT	FINANCE
		111.01								
34474	5/2/2025		153115 HATTOUNI, JOYETTA							
		255.00	PAYROLL CONF-HATTOUNI-ORLANDO		484559	20250225	1020.6278		SUBSISTENCE ALLOWANCE	HUMAN RESOURCES
		255.00								
34475	5/2/2025		137297 HUMERATECH							
		2,565.97	PREV MAIN 2ND QTR		488319	250389	2215.6249		OTHER CONTRACTUAL SERVICES	GOLF CLUBHOUSE BUILDING
		2,565.97								
34476	5/2/2025		156101 INTL CODE COUNCIL, INC - MEMBERSHIP							
		310.00	ICC KILMARTIN MEMBERSHIP		488119	Q15000030854	1300.6280		DUES & SUBSCRIPTIONS	FIRE MANAGEMENT
		310.00								
34477	5/2/2025		158287 JLG ARCHITECTS							
		9,082.75	AVFAC DESIGN FEES MARCH 2025		488215	2342712	2306.6235	PR230064	CONSULTANT SERVICES	APPLE VALLEY AQUATIC CENTER
		22,950.00	AVCC DESIGN FEES THRU MAR 2025		488218	240061	2305.6235	PR230064	CONSULTANT SERVICES	APPLE VALLEY COMMUNITY CENTER
		32,032.75								
34478	5/2/2025		162933 LINNER, DAVID							
		275.00	WATERCOLOR INSTRUCTOR		488193	20250422	1920.6249		OTHER CONTRACTUAL SERVICES	SENIOR CENTER
		275.00								
34479	5/2/2025		100289 LOGIS							
		750.00	BLDG INSP PIMS API INTERGRATIO		488330	140003	1400.6308		SOFTWARE SUBSCRIPTIONS	INSPECTIONS MANAGEMENT
		1,330.00	LOGIS HOSTED SIEM LOGGING 2ND		488330	140003	1030.6308		SOFTWARE SUBSCRIPTIONS	INFORMATION TECHNOLOGY
		4,390.00	LOGIS FIBER SERVICES DBB		488330	140003	1030.6249		OTHER CONTRACTUAL SERVICES	INFORMATION TECHNOLOGY
		12,311.00	LOGIS PIMS/ E-PERMITS 2ND Q		488330	140003	1400.6308		SOFTWARE SUBSCRIPTIONS	INSPECTIONS MANAGEMENT
		75,373.00	LOGIS SERV / INTERNET 2ND QTR		488330	140003	1040.6308		SOFTWARE SUBSCRIPTIONS	DATA PROCESSING
		3,350.00	LOGIS SERV / INTERNET 2ND QTR		488330	140003	5005.6308		SOFTWARE SUBSCRIPTIONS	LIQUOR GENERAL OPERATIONS
		1,395.00	LOGIS SERV / INTERNET 2ND QTR		488330	140003	5205.6308		SOFTWARE SUBSCRIPTIONS	ARENA 1 MANAGEMENT
		25,144.00	LOGIS SERV / INTERNET 2ND QTR		488330	140003	5305.6308		SOFTWARE SUBSCRIPTIONS	WATER MGMT/REPORT/DATA ENTRY
		25,145.00	LOGIS SERV / INTERNET 2ND QTR		488330	140003	5365.6308		SOFTWARE SUBSCRIPTIONS	SEWER MGMT/REPORTS/DATA ENTRY
		10.80	GOPHER STATE FIBER LOCATES		488222	142003	1030.6249		OTHER CONTRACTUAL SERVICES	INFORMATION TECHNOLOGY
		2,525.50	FIBER LOCATES Q1		488222	142003	1030.6249		OTHER CONTRACTUAL SERVICES	INFORMATION TECHNOLOGY
		76,928.54	NETWORK CORE SWITCH		488222	142003	5305.6735		CAPITAL OUTLAY-OTHER IMPROVEME	WATER MGMT/REPORT/DATA ENTRY

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34479	5/2/2025		100289 LOGIS						Continued...	
		4,533.75	NETWORK SERVICES		488229	147011	1030.6235		CONSULTANT SERVICES	INFORMATION TECHNOLOGY
		4,000.00	HUBBLE DEV LICENSE HR-JAMIE		488351	149005	1040.6308		SOFTWARE SUBSCRIPTIONS	DATA PROCESSING
		<u>237,186.59</u>								
34480	5/2/2025		100293 MACQUEEN EQUIPMENT							
		1,422.24	SWEeper PARTS		488318	P64124	5505.6215		EQUIPMENT-PARTS	STORM DRAIN MNTC/RPR/SUMPS
		<u>1,422.24</u>								
34481	5/2/2025		100299 MASTER ELECTRIC CO							
		2,633.95	AVCC OUTDOOR LIGHTS REPAIR ETC		488221	SD55662	1900.6266		REPAIRS-BUILDING	AV COMMUNITY CENTER
		1,180.79	ELECTRICAL REPAIRS - CMF		488288	SD55663	1530.6266		REPAIRS-BUILDING	FLEET & BUILDINGS-CMF
		1,002.11	ELECTRICAL REPAIRS - MC		488289	SD55664	1060.6266		REPAIRS-BUILDING	MUNICIPAL BLDG & GROUNDS MNTC
		605.84	ELECTRICAL UPGRADES - CMF		488290	SD55665	1530.6266		REPAIRS-BUILDING	FLEET & BUILDINGS-CMF
		598.99	REPAIR - FARQUAR STORM LIFT		488231	SD55667	5506.6265		REPAIRS-EQUIPMENT	STORM LIFT STN MNTC/RPR
		<u>6,021.68</u>								
34482	5/2/2025		100311 METRO COUNCIL ENVIRONMENTAL SV							
		525.00	MCES WTP STRENGTH CHARGE		488286	1186426	5325.6399		OTHER CHARGES	WATER TREATMENT FCLTY MNTC/RPR
		<u>525.00</u>								
34483	5/2/2025		100348 MTI DISTRIBUTING CO							
		654.23	MOWER PARTS		488227	146923500	1765.6215		EQUIPMENT-PARTS	PARK EQUIPMENT MAINTENANCE
		55.86	IRRIGATION PARTS RETURN		488115	146924500	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		<u>598.37</u>								
34484	5/2/2025		158623 MULCAHY NICKOLAUS LLC							
		23,759.83	POLICE OPERATIONS GARAGE-PMT#4		488309	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		<u>23,759.83</u>								
34485	5/2/2025		146279 NORDIC MECHANICAL SERVICES, I							
		913.50	HEATER REPAIR - BUILDING 1		488335	77983	1530.6266		REPAIRS-BUILDING	FLEET & BUILDINGS-CMF
		453.75	HVAC REPAIR - MC		488336	77984	1060.6266		REPAIRS-BUILDING	MUNICIPAL BLDG & GROUNDS MNTC
		<u>1,367.25</u>								
34486	5/2/2025		100372 PAUSTIS & SONS							
		396.00	LIQ#3	00001291	488443	262699	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		647.00	WINE#3	00001291	488444	262699	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		15.00	FREIGHT#3	00001291	488445	262699	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,192.00	WINE#3	00001291	488446	263257	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		16.50	FREIGHT#3	00001291	488447	263257	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34486	5/2/2025		100372 PAUSTIS & SONS						Continued...	
		217.00	WINE#1	00001291	488439	263259	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		7.50	FREIGHT#1	00001291	488440	263259	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		380.50	WINE#2	00001291	488441	263262	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		10.00	FREIGHT#2	00001291	488442	263262	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		<u>2,881.50</u>								
34487	5/2/2025		100382 PILGRIM PROMOTIONS							
		6.00	EMBROIDERY - Z CHILD		488284	16922	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		6.00	EMBROIDERY - J LATHROP		488284	16922	1600.6281		UNIFORM/CLOTHING ALLOWANCE	STREET MANAGEMENT
		6.00	EMBROIDERY - S WERNER		488284	16922	1600.6281		UNIFORM/CLOTHING ALLOWANCE	STREET MANAGEMENT
		6.00	EMBROIDERY - J REINER		488284	16922	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		12.00	EMBROIDERY - R HOCHSPRUNG		488284	16922	1600.6281		UNIFORM/CLOTHING ALLOWANCE	STREET MANAGEMENT
		42.00	BALL JACKET - C ESPINOZA		488284	16922	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		121.00	STOCKING HATS - STOCK		488284	16922	1600.6281		UNIFORM/CLOTHING ALLOWANCE	STREET MANAGEMENT
		121.00	STOCKING HATS - STOCK		488284	16922	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		6.00	EMBROIDERY - C BREITUNG		488284	16922	5365.6281		UNIFORM/CLOTHING ALLOWANCE	SEWER MGMT/REPORTS/DATA ENTRY
		121.00	STOCKING HATS - STOCK		488284	16922	5305.6281		UNIFORM/CLOTHING ALLOWANCE	WATER MGMT/REPORT/DATA ENTRY
		<u>447.00</u>								
34488	5/2/2025		100262 PING							
		25.50-	DISCOUNT		488546	18184967	2260.6423		GOLF-CASH DISCOUNT	GOLF PRO SHOP MERCH SALES
		510.00	PING HEADCOVERS		488546	18184967	2260.6418		GOLF-PRO SHOP OTHER	GOLF PRO SHOP MERCH SALES
		<u>484.50</u>								
34489	5/2/2025		100393 PUMP AND METER SERVICE INC							
		514.22	REPAIR - FUEL PUMPS		488281	1020514	1540.6266		REPAIRS-BUILDING	CMF BUILDINGS & GROUNDS MNTC
		<u>514.22</u>								
34490	5/2/2025		147331 RJ MECHANICAL							
		96,464.52	POLICE OPERATIONS GARAGE-PMT 8		488311	20250331A	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		136,944.79	POLICE OPERATIONS GARAGE-PMT 6		488312	20250331B	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		<u>233,409.31</u>								
34491	5/2/2025		152480 RMB ENVIRONMENTAL LAB							
		342.00	WATER QUALITY SAMPLES		488188	B016813	5505.6235		CONSULTANT SERVICES	STORM DRAIN MNTC/RPR/SUMPS
		<u>342.00</u>								
34492	5/2/2025		100042 ROTARY CLUB OF APPLE VALLEY							
		247.00	ROTARY DUES - FRANCIS		488203	2750	1200.6280		DUES & SUBSCRIPTIONS	POLICE MANAGEMENT
		247.00	ROTARY DUES - LAWELL		488196	2762	1010.6280		DUES & SUBSCRIPTIONS	ADMINISTRATION

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34492	5/2/2025		100042 ROTARY CLUB OF APPLE VALLEY						Continued...	
		494.00								
34493	5/2/2025		145515 SCHUFT, STEVE							
		41.47	STORE SUPPLIES		488136	20250415	5025.6229		GENERAL SUPPLIES	LIQUOR #1 OPERATIONS
		41.47								
34494	5/2/2025		144495 SMALL LOT MN							
		522.00	THC#3	00051469	488454	92666	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		240.00	WINE#3	00051469	488455	92666	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		762.00								
34495	5/2/2025		158490 SONUS INTERIORS INC							
		20,134.30	POLICE OPERATIONS GARAGE-PMT#2		488310	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		20,134.30								
34496	5/2/2025		102904 ST ANDREWS PRODUCTS CO							
		20.85	FREIGHT ON RESALE		488137	7546686740	2210.6424		GOLF FREIGHT ON RESALE MDSE	GOLF PRO SHOP
		100.00	POKER CHIPS		488137	7546686740	2260.6418		GOLF-PRO SHOP OTHER	GOLF PRO SHOP MERCH SALES
		120.85								
34497	5/2/2025		100457 STREICHERS INC							
		304.98	UNIFORMS LT		488342	11757824	1210.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE FIELD OPERATIONS/PATROL
		125.00	UNIFORMS LT		488343	11757825	1210.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE FIELD OPERATIONS/PATROL
		429.98								
34498	5/2/2025		121326 SUMMIT FIRE PROTECTION							
		193.00	FIRE EXT INSPECTION		488133	3174263	2215.6249		OTHER CONTRACTUAL SERVICES	GOLF CLUBHOUSE BUILDING
		197.59	FIRE EXT INSPECTION		488134	3174353	2215.6249		OTHER CONTRACTUAL SERVICES	GOLF CLUBHOUSE BUILDING
		390.59								
34499	5/2/2025		101753 SYSCO MINNESOTA, INC							
		1,724.58	KITCHEN FOOD		488339	547848644	2270.6420		GOLF-FOOD	GOLF FOOD & BEVERAGE
		1,724.58								
34500	5/2/2025		158145 TERRA CONSTRUCTION							
		5,449.90	AVFAC FOOD SERVICE EQ STORAGE		488213	24834007	2306.6740	PR230032	CAPITAL OUTLAY-MACH/EQUIP/OTHE	APPLE VALLEY AQUATIC CENTER
		39,607.19	AVFAC BUILDING & MEP		488213	24834007	2306.6715	PR230001	CAPITAL OUTLAY-BUILDINGS	APPLE VALLEY AQUATIC CENTER
		39,607.19	AVFAC BUILDING & MEP		488213	24834007	2306.6715	PR230002	CAPITAL OUTLAY-BUILDINGS	APPLE VALLEY AQUATIC CENTER
		50,513.06	AVFAC CM SOFT COSTS & FEE		488213	24834007	2306.6235	PR230064	CONSULTANT SERVICES	APPLE VALLEY AQUATIC CENTER
		249,500.00	AVFAC POOL SHELL & STRUCTURES		488213	24834007	2306.6735	PR230007	CAPITAL OUTLAY-OTHER IMPROVEME	APPLE VALLEY AQUATIC CENTER

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34500	5/2/2025		158145 TERRA CONSTRUCTION						Continued...	
		103,031.44	HAYES CM SOFT COSTS & FEES		488214	24835001	2309.6235	PR230064	CONSULTANT SERVICES	HAYES BASEBALL/SOFTBALL COMPLX
		487,708.78								
34501	5/2/2025		147460 TRADITION WINE & SPIRITS							
		2,298.00	WINE#3	00051881	488458	42862	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		39.00	FREIGHT#3	00051881	488459	42862	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		2,337.00								
34502	5/2/2025		100481 TRI-STATE BOBCAT INC							
		145.68	PARTS - #365		488067	P35502	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		11.44	FUEL CAP - SKID STEER		488110	P35784	1610.6215		EQUIPMENT-PARTS	STREET/BOULEVARD REPAIR & MNTC
		146.27	WEED WHIP SUPPLIES		488542	P36147	1540.6215		EQUIPMENT-PARTS	CMF BUILDINGS & GROUNDS MNTC
		303.39								
34503	5/2/2025		118830 UHL COMPANY, INC.							
		2,469.00	AVCC GYM HEATER REPAIR		488220	71322A	1900.6266		REPAIRS-BUILDING	AV COMMUNITY CENTER
		2,469.00								
34504	5/2/2025		100496 VAN PAPER CO							
		453.34	BAGS#1	00008795	488460	105151	5025.6229		GENERAL SUPPLIES	LIQUOR #1 OPERATIONS
		4.53-	DISCT#1	00008795	488461	105151	5025.6333		GENERAL-CASH DISCOUNTS	LIQUOR #1 OPERATIONS
		448.81								
34505	5/2/2025		122010 VINOCOPIA							
		256.00	WINE#1	00046257	488462	371343	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		5.00	FREIGHT#1	00046257	488463	371343	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		272.00	WINE#2	00046257	488466	371344	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		5.00	FREIGHT#2	00046257	488467	371344	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		96.00	LIQ#2	00046257	488468	371746	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		2.50	FREIGHT#2	00046257	488469	371746	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		120.00	TAX#1	00046257	488464	371748	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		12.00	FREIGHT#1	00046257	488465	371748	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		768.50								
34506	5/2/2025		100520 WINE COMPANY, THE							
		104.00	WINE#3	00015926	488486	296780	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		2.00	FREIGHT#3	00015926	488487	296780	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		560.00	WINE#3	00015926	488488	297106	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		12.00	FREIGHT#3	00015926	488489	297106	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		548.00	WINE#3	00015926	488490	298309	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34506	5/2/2025		100520 WINE COMPANY, THE						Continued...	
		12.00	FREIGHT#3	00015926	488491	298309	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,076.00	WINE#1	00015926	488481	298311	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		116.00	TAX#1	00015926	488482	298311	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		20.00	FREIGHT#1	00015926	488483	298311	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		460.00	WINE#2	00015926	488484	298314	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		12.00	FREIGHT#2	00015926	488485	298314	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		648.00	WINE#1	00015926	488479	7514167	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		8.75	FREIGHT#1	00015926	488480	7514167	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		3,578.75								
34507	5/2/2025		101003 WINZER FRANCHISE COMPANY							
		46.26	MISC. NUTS, BOLTS & WASHERS		488060	3165429	1350.6229		GENERAL SUPPLIES	FIRE VEHICLE MAINTENANCE
		46.26	MISC. NUTS, BOLTS & WASHERS		488060	3165429	1630.6229		GENERAL SUPPLIES	STREET EQUIPMENT MAINTENANCE
		46.26	MISC. NUTS, BOLTS & WASHERS		488060	3165429	1765.6229		GENERAL SUPPLIES	PARK EQUIPMENT MAINTENANCE
		46.28	MISC. NUTS, BOLTS & WASHERS		488060	3165429	1210.6229		GENERAL SUPPLIES	POLICE FIELD OPERATIONS/PATROL
		46.26	MISC. NUTS, BOLTS & WASHERS		488060	3165429	5345.6229		GENERAL SUPPLIES	WATER EQUIP/VEHICLE/MISC MNTC
		46.26	MISC. NUTS, BOLTS & WASHERS		488060	3165429	5390.6229		GENERAL SUPPLIES	SWR EQUIP/VEHICLE MISC MNTC/RP
		277.58								
34508	5/2/2025		100528 ZIEGLER INC							
		331.64	PARTS - #351		488061	IN001864268	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		331.64								
325542	4/30/2025		157965 9525 BLACK OAKS PARTNERS LLC							
		2,111.29	LIQ1 TAX ESCROW-MAY		488208	20250418	5025.6310		RENTAL EXPENSE	LIQUOR #1 OPERATIONS
		3,698.66	LIQ1 CAM ESCROW-MAY		488208	20250418	5025.6310		RENTAL EXPENSE	LIQUOR #1 OPERATIONS
		12,500.00	LIQ1 LEASE-MAY		488208	20250418	5025.6310		RENTAL EXPENSE	LIQUOR #1 OPERATIONS
		18,309.95								
325543	4/30/2025		162479 ACTION FENCE INC							
		42,987.50	POLICE OPERATIONS GARGE-PMT #3		488314	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		42,987.50								
325544	4/30/2025		147492 ACUSHNET COMPANY							
		1,604.00	FOOTJOY SHOES		488298	920133938	2260.6416		GOLF-SHOES	GOLF PRO SHOP MERCH SALES
		2.79-	DISCOUNT		488296	920202308	2260.6423		GOLF-CASH DISCOUNT	GOLF PRO SHOP MERCH SALES
		139.50	TITLEIST BUY 3 GET 1 GOLF BALL		488296	920202308	2260.6412		GOLF-BALLS	GOLF PRO SHOP MERCH SALES
		2.79-	DISCOUNT		488299	920228707	2260.6423		GOLF-CASH DISCOUNT	GOLF PRO SHOP MERCH SALES
		139.50	ER BALLS		488299	920228707	2260.6412		GOLF-BALLS	GOLF PRO SHOP MERCH SALES
		4.50-	DISCOUNT		488301	920254683	2260.6423		GOLF-CASH DISCOUNT	GOLF PRO SHOP MERCH SALES

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325544	4/30/2025		147492 ACUSHNET COMPANY						Continued...	
		90.00	FOOTJOY SHOES		488301	920254683	2260.6416		GOLF-SHOES	GOLF PRO SHOP MERCH SALES
		24.48-	DISCOUNT		488549	920277042	2260.6423		GOLF-CASH DISCOUNT	GOLF PRO SHOP MERCH SALES
		816.00	FJ CUSTOM GLOVES		488549	920277042	2260.6415		GOLF-GLOVES	GOLF PRO SHOP MERCH SALES
		<u>2,754.44</u>								
325545	4/30/2025		152774 ADIDAS AMERICA INC							
		224.18	ADIDAS SHOES		488078	6163082142	2260.6416		GOLF-SHOES	GOLF PRO SHOP MERCH SALES
		774.51	ADIDAS SHOES		488224	6163085248	2260.6416		GOLF-SHOES	GOLF PRO SHOP MERCH SALES
		248.24	ADIDAS CLOTHING		488179	6163166329	2260.6413		GOLF-CAPS/HATS/CLOTHING	GOLF PRO SHOP MERCH SALES
		<u>1,246.93</u>								
325546	4/30/2025		100089 ADVANCE PROFESSIONAL							
		7.65-	PARTS		488107	1594IC458219	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		183.95	PARTS		488519	1594ID469985	1510.6215		EQUIPMENT-PARTS	PW ENGINEERING & TECHNICAL
		192.99	PARTS		488519	1594ID469985	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		22.99	PARTS		488108	1594ID473000	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		<u>392.28</u>								
325547	4/30/2025		120949 AIRGAS USA LLC							
		6.90	WELDING GAS		488071	9159839304	1630.6229		GENERAL SUPPLIES	STREET EQUIPMENT MAINTENANCE
		6.92	WELDING GAS		488071	9159839304	1765.6229		GENERAL SUPPLIES	PARK EQUIPMENT MAINTENANCE
		6.90	WELDING GAS		488071	9159839304	5390.6229		GENERAL SUPPLIES	SWR EQUIP/VEHICLE MISC MNTC/RP
		6.90	WELDING GAS		488071	9159839304	5345.6229		GENERAL SUPPLIES	WATER EQUIP/VEHICLE/MISC MNTC
		<u>27.62</u>								
325548	4/30/2025		149618 ALTEMP MECHANICAL INC							
		2,802.14	REBUILD OF CHAR BROILER FOR 12		488223	271072	2215.6265		REPAIRS-EQUIPMENT	GOLF CLUBHOUSE BUILDING
		<u>2,802.14</u>								
325549	4/30/2025		135304 APEX ROOFING							
		2,600.00	ROOF ON RANGE		488320	29951	2220.6266		REPAIRS-BUILDING	GOLF DRIVING RANGE
		<u>2,600.00</u>								
325550	4/30/2025		154253 APPLE FORD LINCOLN							
		146.30	PARTS - #919		488064	703668	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		46.53	PARTS - #919		488058	708060	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		48.80	PARTS - #916		488059	708072	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		315.70	PARTS - #238		488530	708130	1765.6215		EQUIPMENT-PARTS	PARK EQUIPMENT MAINTENANCE
		<u>557.33</u>								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325551	4/30/2025		163698 APPLETON, JANELLE						Continued...	
		22.35	UB REFUND 7135 UPPER 136TH ST		488356	20250429B	5301.4997		WATER/SEWER ACCT REFUNDS	WATER & SEWER FUND REVENUE
		22.35								
325552	4/30/2025		163072 ARCHITECT MECHANICAL INC							
		85,393.13	POLICE OPERATIONS GARAGE-PMT 3		488325	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		85,393.13								
325553	4/30/2025		163070 ARCHITECTURAL PANEL SYSTEMS INC							
		41,995.70	POLICE OPERATIONS GARAGE-PMT 5		488326	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		41,995.70								
325554	4/30/2025		118892 ASPEN MILLS							
		517.28	NAME TAGS AND TIE BARS		488350	352615	1330.6281		UNIFORM/CLOTHING ALLOWANCE	FIRE OPERATIONS
		517.28								
325555	4/30/2025		100032 ASTLEFORD INTERNATIONAL & ISUZU							
		702.10	REPAIR - #324 DEF SYSTEM		488279	2S37338	1630.6265		REPAIRS-EQUIPMENT	STREET EQUIPMENT MAINTENANCE
		702.10								
325556	4/30/2025		102930 BARTLEY SALES CO							
		5,424.58	POLICE OPERATIONS GARAGE-PMT 1		488294	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		5,424.58								
325557	4/30/2025		163658 BAUL, LLOYD AMADO							
		53.40	UB REFUND 15663 FLIGHT LN		488127	20250417A	5301.4997		WATER/SEWER ACCT REFUNDS	WATER & SEWER FUND REVENUE
		53.40								
325558	4/30/2025		163650 BLU ROYAL ESTATES LLC							
		1.00	SURCHARGE REFUND AV132416		488085	20250410	1001.4072		STATE SURTAX COLLECTED	GENERAL FUND REVENUE
		56.01	MECH PERMIT REFUND		488085	20250410	1001.4063		PERMIT-HEATING	GENERAL FUND REVENUE
		57.01								
325559	4/30/2025		100152 BREAKTHRU BEVERAGE MIN WINE							
		72.00	LIQ#1	00001930	488365	118784501	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		18.00	LIQ#1	00001930	488364	118784513	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		1,147.67	LIQ#3	00001930	488386	120876684	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		6.90	FREIGHT#3	00001930	488387	120876684	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		40.00	TAX#3	00001930	488388	120876685	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		2.30	FREIGHT#3	00001930	488389	120876685	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		488.00	WINE#3	00001930	488419	120876686	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325559	4/30/2025		100152 BREAKTHRU BEVERAGE MIN WINE						Continued...	
		5.75	FREIGHT#3	00001930	488420	120876686	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		88.00	WINE#3	00001930	488417	120876687	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1.15	FREIGHT#3	00001930	488418	120876687	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		2,243.62	LIQ#2	00001930	488378	120876691	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		25.00-	CMLIQ#2	00001930	488379	120876691	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		19.55	FREIGHT#2	00001930	488380	120876691	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1.15-	CMFREIGHT#2	00001930	488381	120876691	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		584.00	WINE#1	00001930	488400	120876692	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		4.60	FREIGHT#1	00001930	488401	120876692	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		7,528.54	LIQ#1	00001930	488366	120876693	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		95.45	FREIGHT#1	00001930	488367	120876693	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		20.00	NTAX#1	00001930	488368	120876694	5015.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		1.15	FREIGHT#1	00001930	488369	120876694	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		913.25	LIQ#3	00001930	488390	120986308	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		11.50	FREIGHT#3	00001930	488391	120986308	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		87.92	TAX#3	00001930	488392	120986309	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		20.00	NTAX#3	00001930	488393	120986309	5085.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		3.45	FREIGHT#3	00001930	488394	120986309	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,056.00	WINE#3	00001930	488421	120986310	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		12.65	FREIGHT#3	00001930	488422	120986310	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		100.00	LIQ#2	00001930	488382	120986314	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		3.45	FREIGHT#2	00001930	488383	120986314	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		96.00	WINE#2	00001930	488412	120986315	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		1.15	FREIGHT#2	00001930	488413	120986315	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		788.91	LIQ#1	00001930	488370	120986317	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		17.48	FREIGHT#1	00001930	488371	120986317	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		20.00	TAX#1	00001930	488372	120986318	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		1.15	FREIGHT#1	00001930	488373	120986318	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		784.00	WINE#1	00001930	488402	120986319	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		11.50	FREIGHT#1	00001930	488403	120986319	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		832.00	WINE#1	00001930	488404	121007389	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		10.35	FREIGHT#1	00001930	488405	121007389	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		208.00	WINE#1	00001930	488406	121007390	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		2.30	FREIGHT#1	00001930	488407	121007390	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		6,206.44	LIQ#3	00001930	488395	121120266	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		55.10	FREIGHT#3	00001930	488396	121120266	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		20.00	TAX#3	00001930	488397	121120267	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		20.00	NTAX#3	00001930	488398	121120267	5085.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		2.30	FREIGHT#3	00001930	488399	121120267	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325559	4/30/2025		100152 BREAKTHRU BEVERAGE MIN WINE						Continued...	
		1,912.00	WINE#3	00001930	488423	121120268	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		23.00	FREIGHT#3	00001930	488424	121120268	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		104.00	WINE#3	00001930	488425	121120269	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1.15	FREIGHT#3	00001930	488426	121120269	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		632.85	LIQ#2	00001930	488384	121120274	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		6.78	FREIGHT#2	00001930	488385	121120274	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		632.00	WINE#2	00001930	488414	121120275	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		16.00-	CMWINE#2	00001930	488415	121120275	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		6.90	FREIGHT#2	00001930	488416	121120275	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		2,803.75	LIQ#1	00001930	488374	121120277	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		12.74	FREIGHT#1	00001930	488375	121120277	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		640.00	WINE#1	00001930	488408	121120278	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		5.75	FREIGHT#1	00001930	488409	121120278	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		.02	LIQ#1	00001930	488376	121120279	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		2.30	FREIGHT#1	00001930	488377	121120279	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		112.00-	CMWINE#1	00001930	488410	413485219	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		1.15-	CMFREIGHT#1	00001930	488411	413485219	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		30,279.52								
325560	4/30/2025		144930 CANON							
		63.41	COPIER LEASE		488209	39813614	1920.6310		RENTAL EXPENSE	SENIOR CENTER
		74.55	COPIER LEASE		488209	39813614	1400.6310		RENTAL EXPENSE	INSPECTIONS MANAGEMENT
		192.34	COPIER LEASE		488209	39813614	1500.6310		RENTAL EXPENSE	PW MANAGEMENT
		215.51	COPIER LEASE		488209	39813614	1700.6310		RENTAL EXPENSE	PARK & RECREATION MANAGEMENT
		417.24	COPIER LEASE		488209	39813614	1200.6310		RENTAL EXPENSE	POLICE MANAGEMENT
		766.26	COPIER LEASE		488209	39813614	1030.6310		RENTAL EXPENSE	INFORMATION TECHNOLOGY
		87.28	COPIER LEASE		488209	39813614	2205.6310		RENTAL EXPENSE	GOLF MANAGEMENT
		42.55	COPIER LEASE		488209	39813614	5025.6310		RENTAL EXPENSE	LIQUOR #1 OPERATIONS
		42.55	COPIER LEASE		488209	39813614	5065.6310		RENTAL EXPENSE	LIQUOR #2 OPERATIONS
		42.55	COPIER LEASE		488209	39813614	5095.6310		RENTAL EXPENSE	LIQUOR #3 OPERATIONS
		49.52	COPIER LEASE		488209	39813614	5210.6310		RENTAL EXPENSE	ARENA 1 BUILDING MAINTENANCE
		1,993.76								
325561	4/30/2025		120367 CDA-DAKOTA COUNTY							
		282,732.21	LAHA CDA SUBRECIPIENT AGMT		488522	20251	1100.6249		OTHER CONTRACTUAL SERVICES	DEV MANAGEMENT
		282,732.21								
325562	4/30/2025		100878 CHARTER COMMUNICATIONS							
		7.87	FIRE 3 CABLE TV APR		488543	175319601APR25	1340.6237		TELEPHONE/PAGERS	FIRE BLDG & GROUNDS MNTC
		15.74	ARENA CABLE APR		488191	175320701APR25	5205.6237		TELEPHONE/PAGERS	ARENA 1 MANAGEMENT

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325562	4/30/2025		100878 CHARTER COMMUNICATIONS						Continued...	
		23.61								
325563	4/30/2025		151149 CHEM-AQUA, INC.							
		308.30	WATER TREATMENT CONTRACT		488084	9116470	1920.6249		OTHER CONTRACTUAL SERVICES	SENIOR CENTER
		308.30								
325564	4/30/2025		100282 CINTAS CORPORATION							
		81.07	AVCC RUG SERVICE		488077	4226797411	1900.6240		CLEANING SERVICE/GARBAGE REMOVAV	COMMUNITY CENTER
		9.17	SHOP COVERALLS		488070	4226928155	1530.6281		UNIFORM/CLOTHING ALLOWANCE	FLEET & BUILDINGS-CMF
		13.51	PARKS COVERALLS		488070	4226928155	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		44.81	STREETS COVERALLS		488070	4226928155	1600.6281		UNIFORM/CLOTHING ALLOWANCE	STREET MANAGEMENT
		155.75	CINTAS LINENS		488081	4227313633	2215.6240		CLEANING SERVICE/GARBAGE REMOV	GOLF CLUBHOUSE BUILDING
		9.50	SHOP COVERALLS		488524	4227700865	1530.6281		UNIFORM/CLOTHING ALLOWANCE	FLEET & BUILDINGS-CMF
		13.51	PARKS COVERALLS		488524	4227700865	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		44.48	STREETS COVERALLS		488524	4227700865	1600.6281		UNIFORM/CLOTHING ALLOWANCE	STREET MANAGEMENT
		371.80								
325565	4/30/2025		100841 CRAWFORD DOOR SALES							
		23,043.20	POLICE OPERATIONS GARAGE-PMT 1		488300	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		23,043.20								
325566	4/30/2025		122019 CROWN RENTAL - BURNSVILLE							
		113.30	CORE DRILL		488122	4230205	1730.6310		RENTAL EXPENSE	PARK BUILDING MAINTENANCE
		113.30								
325567	4/30/2025		100129 DAKOTA AWARDS & ENGRAVING							
		24.00	PAR TAGS (8)		488341	29248	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
		24.00								
325568	4/30/2025		163647 DROMEDA NETWORKS LLC							
		3,268.00	NETWORK SWITCH CABLES		488210	INV202500095	1030.6725		CAPITAL OUTLAY-OFFICE EQUIP	INFORMATION TECHNOLOGY
		3,268.00								
325569	4/30/2025		120698 DURAND MANUFACTURING							
		444.98	REPAIR - #376T HITCH		488280	31820	1630.6265		REPAIRS-EQUIPMENT	STREET EQUIPMENT MAINTENANCE
		444.98								
325570	4/30/2025		118502 ECOLAB							
		21.05	ECO LAB STRIPS		488317	6350687191	2270.6229		GENERAL SUPPLIES	GOLF FOOD & BEVERAGE
		21.05								

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 - 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325570	4/30/2025		118502 ECOLAB						Continued...	
325571	4/30/2025		129765 ELVIN, COLLEEN							
		102.00	MNIAAI CONF-ELVIN-ST CLOUD MN		488126	20250422	1310.6278		SUBSISTENCE ALLOWANCE	FIRE TRAINING
		102.00								
325572	4/30/2025		162483 ENVISION GLASS INC							
		133,855.00	POLICE OPERATIONS GARAGE-PMT 4		488297	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		133,855.00								
325573	4/30/2025		163648 ESPINOZA, CLAUDIO							
		159.96	4 PR JEANS - C ESPINOZA		488082	20250324	1710.6281		UNIFORM/CLOTHING ALLOWANCE	PARK MAINTENANCE MANAGEMENT
		159.96								
325574	4/30/2025		100166 FEDEX							
		24.67	FREIGHT ON RESALE		488178	883282551	2210.6424		GOLF FREIGHT ON RESALE MDSE	GOLF PRO SHOP
		24.67								
325575	4/30/2025		100168 FERRELLGAS							
		184.50	PROPANE FUEL		488120	1129927913	1530.6212		MOTOR FUELS/OILS	FLEET & BUILDINGS-CMF
		184.50								
325576	4/30/2025		163154 FRONT BURNER SPORTS & ENTERTAINMENT							
		2,500.00	HAYES NAMING RIGHTS CONSULTANT		488225	AV250401	5260.6235		CONSULTANT SERVICES	ARENA 2 MANAGEMENT-HAYES
		2,500.00								
325577	4/30/2025		157932 GEMM INTERNATIONAL INC							
		528.00	WINE#3	00052894	488427	711	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		2.00	FREIGHT#3	00052894	488428	711	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		530.00								
325578	4/30/2025		100827 GRAPE BEGINNINGS INC							
		292.50	LIQ#3	00032379	488474	164424	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		252.00	WINE#3	00032379	488475	164424	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		6.75	FREIGHT#3	00032379	488476	164424	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		333.00	WINE#1	00032379	488472	164810	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		6.75	FREIGHT#1	00032379	488473	164810	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		1,056.00	WINE#3	00032379	488477	164811	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		11.25	FREIGHT#3	00032379	488478	164811	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,958.25								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325579	4/30/2025		100891 HANCO CORPORATION						Continued...	
		18.71	TIRE LUBE BRUSH		488532	21613400	1530.6229		GENERAL SUPPLIES	FLEET & BUILDINGS-CMF
		665.84	MOWER TIRES		488337	21650200	1610.6216		VEHICLES-TIRES/BATTERIES	STREET/BOULEVARD REPAIR & MNTC
		9.78	TIRE TUBE		488538	21724500	1630.6216		VEHICLES-TIRES/BATTERIES	STREET EQUIPMENT MAINTENANCE
		694.33								
325580	4/30/2025		162942 HENKEMEYER COATINGS INC							
		9,523.75	POLICE OPERATIONS GARAGE-PMT 4		488293	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		9,523.75								
325581	4/30/2025		128972 HOISINGTON KOEGLER GROUP INC							
		382.50	COBBLESTONE SE DESIGN CONCEPT		488534	240584	2331.6235	PR230064	CONSULTANT SERVICES	COBBLESTONE LAKE PARK
		648.75	CEDAR ISLE DESIGN CONCEPT		488534	240584	2328.6235	PR230064	CONSULTANT SERVICES	CEDAR ISLES PARK
		657.50	BELMONT DESIGN CONCEPT		488534	240584	2325.6235	PR230064	CONSULTANT SERVICES	BELMONT PARK
		687.50	DELANEY DESIGN CONCEPT		488534	240584	2332.6235	PR230064	CONSULTANT SERVICES	DELANEY PARK
		721.25	APPLE PONDS DESIGN CONCEPT		488534	240584	2323.6235	PR230064	CONSULTANT SERVICES	APPLE PONDS PARK
		782.50	CARROLLWOOD DESIGN CONCEPT		488534	240584	2327.6235	PR230064	CONSULTANT SERVICES	CARROLLWOOD PARK
		823.75	CHAPARRAL DESIGN CONCEPT		488534	240584	2330.6235	PR230064	CONSULTANT SERVICES	CHAPARRAL PARK
		846.25	AV EAST DESIGN CONCEPT		488534	240584	2324.6235	PR230064	CONSULTANT SERVICES	APPLE VALLEY EAST PARK
		1,325.00	GREENLEAF NORTH DESIGN CONCEPT		488534	240584	2341.6235	PR230064	CONSULTANT SERVICES	GREENLEAF PARK
		4,883.75	NEIGH. PARK COMM. ENGAGEMENT		488534	240584	2302.6235	PR230064	CONSULTANT SERVICES	PARKS REF - GENERAL UNASSIGNED
		16,061.25	NEIGH PARK DESIGN & REIMBURSE		488534	240584	2302.6235	PR230064	CONSULTANT SERVICES	PARKS REF - GENERAL UNASSIGNED
		27,820.00								
325582	4/30/2025		103314 INNOVATIVE OFFICE SOLUTIONS							
		109.51	AVCC MOP HEADS, WIPES, ETC.		488076	IN4809968	1700.6229		GENERAL SUPPLIES	PARK & RECREATION MANAGEMENT
		15.59	ICE PACK BAGS		488088	IN4815861	1900.6229		GENERAL SUPPLIES	AV COMMUNITY CENTER
		141.04	PAPER TOWELS		488352	IN4815878	1900.6229		GENERAL SUPPLIES	AV COMMUNITY CENTER
		60.48	PENCILS, RUBBER BANDS, TAPE		488080	IN4815972	1200.6210		OFFICE SUPPLIES	POLICE MANAGEMENT
		12.60	LAMINATED LABEL TAPE-BARB		488124	IN4818284	1300.6210		OFFICE SUPPLIES	FIRE MANAGEMENT
		18.34	2PKT FOLDERS - PENNY		488124	IN4818284	1020.6210		OFFICE SUPPLIES	HUMAN RESOURCES
		46.31	GARBAGE LINERS		488192	IN4819365	1920.6229		GENERAL SUPPLIES	SENIOR CENTER
		2.61	FUEL SYSTEM PRINTER PAPER		488207	IN4819417	1540.6210		OFFICE SUPPLIES	CMF BUILDINGS & GROUNDS MNTC
		21.15	FOOT REST - S WALTER		488207	IN4819417	1500.6210		OFFICE SUPPLIES	PW MANAGEMENT
		332.30	LAMINATOR		488207	IN4819417	1510.6210		OFFICE SUPPLIES	PW ENGINEERING & TECHNICAL
		39.25	LAMINATING POUCHES		488207	IN4819417	5605.6210		OFFICE SUPPLIES	CEMETERY
		28.08	DISPENSER		488355	IN4820246	5265.6229		GENERAL SUPPLIES	ARENA 2 BLDG MAINTENANCE-HAYES
		47.50	PAPER TOWEL		488354	IN4820308	5265.6229		GENERAL SUPPLIES	ARENA 2 BLDG MAINTENANCE-HAYES
		103.44	TOILET PAPER		488353	IN4820310	5265.6229		GENERAL SUPPLIES	ARENA 2 BLDG MAINTENANCE-HAYES
		978.20								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325583	4/30/2025		163460 JIT POWDER COATING COMPANY						Continued...	
		612.20	BALL WASHERS REFINISHED		488232	57758A	2235.6265		REPAIRS-EQUIPMENT	GOLF COURSE MAINTENANCE
		612.20								
325584	4/30/2025		120273 KENNEDY & GRAVEN CHARTERED							
		175.00	EMPLOYEE ISSUE		488118	187494	1020.6231		LEGAL SERVICES	HUMAN RESOURCES
		175.00								
325585	4/30/2025		148879 LA ROCHE'S INC							
		597.50	HUNTINGTON SEPTIC PUMPING		488226	30630	1730.6249		OTHER CONTRACTUAL SERVICES	PARK BUILDING MAINTENANCE
		597.50								
325586	4/30/2025		163538 LEES CERAMICS INC							
		26,818.15	POLICE OPERATIONS GARAGE-PMT 3		488322	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		13,938.93	POLICE OPERATIONS GARAGE-PMT 2		488323	20250331A	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		40,757.08								
325587	4/30/2025		147557 LIBATION PROJECT							
		289.92	WINE#1	00051923	488429	87867	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		8.00	FREIGHT#1	00051923	488430	87867	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		297.92								
325588	4/30/2025		101616 LMC INSURANCE TRUST							
		333.36	WC DED SPENCER APRIL		488117	24164	7205.6315		WORKERS COMP-DEDUCTIBLE	INSURANCE CLAIMS
		333.36								
325589	4/30/2025		145429 LUBE-TECH RELIABLE PLUS INC							
		108.79	OIL ABSORBENT PADS		488540	3784706	1530.6229		GENERAL SUPPLIES	FLEET & BUILDINGS-CMF
		108.79								
325590	4/30/2025		100942 MADDEN GALANTER HANSEN, LLP							
		90.00	EMPLOYEE ISSUE		488116	20241213	1020.6235		CONSULTANT SERVICES	HUMAN RESOURCES
		1,408.32	EMPLOYEE ISSUE		488292	20250113	1020.6235		CONSULTANT SERVICES	HUMAN RESOURCES
		1,498.32								
325591	4/30/2025		163699 MCKEEHAN, PAUL							
		189.96	UB REFUND 13260 FLAGSTAFF AVE		488357	20250429A	5301.4997		WATER/SEWER ACCT REFUNDS	WATER & SEWER FUND REVENUE
		189.96								
325592	4/30/2025		100309 MENARDS							
		51.34	OFFICE PAINT SUPPLIES		488089	87810	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325592	4/30/2025		100309 MENARDS						Continued...	
		379.37	SUPPLIES FOR RANGE WALLS		488302	89807	1200.6229		GENERAL SUPPLIES	POLICE MANAGEMENT
		111.60	WOOD BOARDS FOR RANGE PROJECT		488328	90244	1255.6399		OTHER CHARGES	POLICE GUN RANGE
		17.99	HOLE SAW BIT FOR RANGE		488331	90348	1200.6211		SMALL TOOLS & EQUIPMENT	POLICE MANAGEMENT
		64.99	SCREWS FOR ARCHARY RANGE		488090	90545	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		418.71	FOREMAN OFFICE FLEET CMF		488283	90548	1540.6229		GENERAL SUPPLIES	CMF BUILDINGS & GROUNDS MNTC
		3.76-	GOLF SALES TAX ADJUST		488545	90556	2200.2330		DUE TO OTHER GOVERNMENT	VALLEYWOOD GOLF
		3.76	GOLF SALES TAX ADJUST		488545	90556	2230.6229		GENERAL SUPPLIES	GOLF SHOP BUILDING MAINTENANCE
		54.69	SUPPLIES FOR SHOP		488545	90556	2230.6229		GENERAL SUPPLIES	GOLF SHOP BUILDING MAINTENANCE
		20.07	LAC LAVON REPAIR		488091	90605	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		9.99	CABLE TIES/PICKLEBALL		488092	90607	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		39.90	LAC LAVON REPAIR		488093	90622	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		220.34	REPLACEMENT TREE MATERIALS		488074	90796	4933.6249		OTHER CONTRACTUAL SERVICES	EAB REMOVALS
		69.89	FAUCET REPAIR Q.P.		488098	90832	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		15.58	LATCH		488131	90834	1610.6215		EQUIPMENT-PARTS	STREET/BOULEVARD REPAIR & MNTC
		26.92	DRILL BITS BENCH REPAIR		488097	90836	1720.6211		SMALL TOOLS & EQUIPMENT	PARK GROUNDS MAINTENANCE
		30.88	BOLTS FOR BENCH REPAIRS		488096	90837	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		24.90-	RETURN OF BENCH REPAIR BOLTS		488101	90838	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		33.76	BOLTS FOR BENCH REPAIR		488095	90840	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		33.98-	IRRIGATION PARTS RETURN		488099	90842	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		15.03	IRRIGATION TOOLS		488094	90845	1720.6211		SMALL TOOLS & EQUIPMENT	PARK GROUNDS MAINTENANCE
		53.66	GRASS SEED, LAWN BLANKET		488083	90864	1920.6229		GENERAL SUPPLIES	SENIOR CENTER
		87.95	THATCHING RAKE, MINI SPREADER		488083	90864	1920.6211		SMALL TOOLS & EQUIPMENT	SENIOR CENTER
		45.74	IRRIGATION PARTS		488100	90866	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		35.65	SCREWS FOR GRAVEL NURSERY		488128	90902	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		33.90	PARTS FOR HAMMER DRILL		488130	90919	1720.6211		SMALL TOOLS & EQUIPMENT	PARK GROUNDS MAINTENANCE
		187.26	SHOP SUPPLIES,SHOP TOOLS CMF		488535	90924	1540.6229		GENERAL SUPPLIES	CMF BUILDINGS & GROUNDS MNTC
		18.78	PARTS FOR GRAVEL NURSERY		488129	90931	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		24.80	BOLTS FOR BENCH REPAIR		488106	90935	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		6.97	TRU FUEL 50:1		488348	90993	1330.6212		MOTOR FUELS/OILS	FIRE OPERATIONS
		13.67	PAPER TOWELS / REHAB SUPPLIES		488348	90993	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
		270.03	SHOP SUPPLIES		488541	91028	1630.6229		GENERAL SUPPLIES	STREET EQUIPMENT MAINTENANCE
		8.99	GROUT BLADE		488536	91165	1060.6229		GENERAL SUPPLIES	MUNICIPAL BLDG & GROUNDS MNTC
		57.37	OUTLYING BUILDING TOILET REPAI		488105	91201	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		26.98-	RETURN OF FAUCET PARTS FOR QUA		488102	91213	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		29.89	OUTLYING BUILDING FAUCET REPAI		488104	91215	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		4.49	OUTLYING BUILDING FAUCET REPAI		488103	91220	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		62.90	AVCC FERTILIZER		488521	91315	1900.6229		GENERAL SUPPLIES	AV COMMUNITY CENTER
		2,437.24								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325593	4/30/2025		157094 MIDWEST MACHINERY						Continued...	
		36.42	PARTS - #704		488062	10404415	1540.6215		EQUIPMENT-PARTS	CMF BUILDINGS & GROUNDS MNTC
		18.21	PARTS - #704		488062	10404415	5345.6215		EQUIPMENT-PARTS	WATER EQUIP/VEHICLE/MISC MNTC
		18.22	PARTS - #704		488062	10404415	5390.6215		EQUIPMENT-PARTS	SWR EQUIP/VEHICLE MISC MNTC/RP
		<u>72.85</u>								
325594	4/30/2025		138777 MIDWEST MACHINERY CO							
		1,120.67	PARTS - #335 & #349		488285	10413870	1610.6215		EQUIPMENT-PARTS	STREET/BOULEVARD REPAIR & MNTC
		<u>1,120.67</u>								
325595	4/30/2025		155164 MN OCCUPATIONAL HEALTH							
		486.00	DOT CDL TESTING		488287	486886B	5365.6235		CONSULTANT SERVICES	SEWER MGMT/REPORTS/DATA ENTRY
		<u>486.00</u>								
325596	4/30/2025		143249 NAC MECHANICAL & ELECTRICAL SERVICES							
		104,234.00	POLICE OPERATIONS GARAGE-PMT 6		488313	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		<u>104,234.00</u>								
325597	4/30/2025		100995 NAPA AUTO PARTS							
		8.96	PARTS - #321		488525	959885	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		8.50	PARTS - FUEL PUMPS		488066	960187	1540.6215		EQUIPMENT-PARTS	CMF BUILDINGS & GROUNDS MNTC
		<u>17.46</u>								
325598	4/30/2025		109947 NEW FRANCE WINE CO							
		456.00	WINE#1	00041046	488431	241292	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		10.00	FREIGHT#1	00041046	488432	241292	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		324.00	WINE#2	00041046	488433	241738	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		7.50	FREIGHT#2	00041046	488434	241738	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,216.00	WINE#3	00041046	488435	241758	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		22.50	FREIGHT#3	00041046	488436	241758	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,016.00	WINE#3	00041046	488437	242282	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		12.50	FREIGHT#3	00041046	488438	242282	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		<u>3,064.50</u>								
325599	4/30/2025		137637 NFPA							
		225.00	KILMARTIN MEMBERSHIP DUES		488114	20250319	1300.6280		DUES & SUBSCRIPTIONS	FIRE MANAGEMENT
		<u>225.00</u>								
325600	4/30/2025		142514 NPFLRA							
		150.00	DUES - MEMBERSHIP		488113	16884	1020.6280		DUES & SUBSCRIPTIONS	HUMAN RESOURCES
		<u>150.00</u>								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325600	4/30/2025		142514 NPELRA						Continued...	
325601	4/30/2025		127905 OFFICE OF MN.IT SERVICES							
		2,914.50	CROWDSTRIKE MDR 2024		488306	24120586	1030.6308		SOFTWARE SUBSCRIPTIONS	INFORMATION TECHNOLOGY
		1,672.50	CROWDSTRIKE MDR Q1 2025		488347	25030586	1030.6308		SOFTWARE SUBSCRIPTIONS	INFORMATION TECHNOLOGY
		345.38	LANGUAGE LINE		486506	W25020644	1200.6237		TELEPHONE/PAGERS	POLICE MANAGEMENT
		217.35	LANGUAGE LINE		488079	W25030616	1200.6237		TELEPHONE/PAGERS	POLICE MANAGEMENT
		4,458.97								
325602	4/30/2025		110957 O'REILLY AUTOMOTIVE INC							
		12.21	FUEL CAP FOR ROLLER		488112	3245270639	1610.6215		EQUIPMENT-PARTS	STREET/BOULEVARD REPAIR & MNTC
		20.67	PARTS - #321		488526	3245272811	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		32.88								
325603	4/30/2025		100751 PHILLIPS WINE & SPIRITS INC							
		332.00	REDBULL		488321	6952824	2270.6421		GOLF-NON ALCOHOLIC BEVERAGES	GOLF FOOD & BEVERAGE
		1,089.96	HIGH NOON		488321	6952824	2270.6429		GOLF-LIQUOR	GOLF FOOD & BEVERAGE
		1,421.96								
325604	4/30/2025		100316 POWER PLAN							
		190.70	PARTS - #345		488068	P2933270	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		11.71	CHIPPER GAUGE		488537	P2975470	1630.6211		SMALL TOOLS & EQUIPMENT	STREET EQUIPMENT MAINTENANCE
			Supplier 101708 RDO EQUIPMENT CO							
		202.41								
325605	4/30/2025		137785 PROPERTY TAXATION & RECORDS							
		4,266.20	SPEC ASMT FEE (714)		488197	20250416	5305.6399		OTHER CHARGES	WATER MGMT/REPORT/DATA ENTRY
		415.04	2024 TRUTH IN TAXATION INSERTS		488202	TNT202501A	1035.6239		PRINTING	FINANCE
		3,491.06	2024 TRUTH IN TAXATION SHARED		488202	TNT202501A	1035.6239		PRINTING	FINANCE
		8,172.30								
325606	4/30/2025		101189 RJM CONSTRUCTION							
		145,800.62	POLICE OPERATIONS GARAGE-PMT10		488315	2152012810	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		145,800.62								
325607	4/30/2025		150643 RUE 38							
		1,096.00	WINE#3	00052178	488448	204193	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		32.67	WINE#3	00052178	488448	204193	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		12.00	FREIGHT#3	00052178	488450	204193	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		480.00	WINE#3	00052178	488451	204267	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		8.00	FREIGHT#3	00052178	488452	204267	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325607	4/30/2025		150643 RUE 38						Continued...	
		1,563.33								
325608	4/30/2025		153876 SAINT CROIX VINEYARDS							
		138.00	WINE#3	00052556	488453	1934	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		138.00								
325609	4/30/2025		132465 SAM'S CLUB DIRECT							
		2.09-	INSP SALES TAX ADJUST		488200	20250324	1400.6275		SCHOOLS/CONFERENCES/EXP LOCAL INSPECTIONS MANAGEMENT	
		2.09	INSP SALES TAX ADJUST		488200	20250324	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		52.76	MBPTA MEETING 2025		488200	20250324	1400.6275		SCHOOLS/CONFERENCES/EXP LOCAL INSPECTIONS MANAGEMENT	
		15.26	COOKIES FOR RESIDENT MEETING		488198	20250408	2027.6229	2025101R	GENERAL SUPPLIES	ROAD ESCROW
		2.06-	SALES TAX ADJUST		488182	202504111009A	7203.6398		LIFE SNACKS	CITY WELLNESS PROGRAM
		2.06	SALES TAX ADJUST		488182	202504111009A	7200.2330		DUE TO OTHER GOVERNMENT	RISK MGMT/INSUR BALANCE SHEET
		149.92	LIFE SNACKS INVENTORY		488182	202504111009A	7203.6398		LIFE SNACKS	CITY WELLNESS PROGRAM
		3.69-	INSP SALES TAX ADJUST		488201	202504111038	1400.6229		GENERAL SUPPLIES	INSPECTIONS MANAGEMENT
		3.69	INSP SALES TAX ADJUST		488201	202504111038	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		49.05	HOME & GARDEN SHOW CANDY		488201	202504111038	1400.6229		GENERAL SUPPLIES	INSPECTIONS MANAGEMENT
		26.97-	PARKS SALES TAX ADJUST		488181	3473	1845.6229		GENERAL SUPPLIES	REC SELF SUPPORT PROG GENERAL
		26.97	PARKS SALES TAX ADJUST		488181	3473	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		424.80	EASTER PROGRAM SUPPLIES		488181	3473	1845.6229		GENERAL SUPPLIES	REC SELF SUPPORT PROG GENERAL
		119.12	F AND B SUPPLIES		488183	9946	2260.6422		GOLF-KITCHEN SUPPLIES	GOLF PRO SHOP MERCH SALES
		810.91								
325610	4/30/2025		163651 SANITATION PRODUCTS INC							
		79.80	PARTS - #336		488533	92609	1610.6215		EQUIPMENT-PARTS	STREET/BOULEVARD REPAIR & MNTC
		79.80								
325611	4/30/2025		118355 SHI INTERNATIONAL CORP							
		16,437.20	VMWARE VSPHERE ENTERPRISE		488204	B19616696	1030.6249		OTHER CONTRACTUAL SERVICES	INFORMATION TECHNOLOGY
		595.00	ADOBE SOFTWARE LICENSING (10)		488349	B19658801	1030.6308		SOFTWARE SUBSCRIPTIONS	INFORMATION TECHNOLOGY
		17,032.20								
325612	4/30/2025		163693 SOUTHERN MINNESOTA WOODCRAFT INC							
		169,506.12	POLICE OPERATIONS GARAGE-PMT#1		488316	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		169,506.12								
325613	4/30/2025		156522 SPEEDPRO IMAGING							
		500.00	PARK SIGNAGE PLAYGROUND SURVEY		488217	INV9765	1700.6229		GENERAL SUPPLIES	PARK & RECREATION MANAGEMENT
		500.00								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325614	4/30/2025		100788 ST CROIX RECREATION FUN PLAYGR						Continued...	
		237.88	SWING HARNESS		488111	22229	1735.6229		GENERAL SUPPLIES	PARK PLAY EQUIPMENT MAINTENANC
		237.88								
325615	4/30/2025		140021 ST PAUL, CITY OF							
		1,811.48	ASPHALT REPAIRS MIX		488334	IN62215	1610.6229		GENERAL SUPPLIES	STREET/BOULEVARD REPAIR & MNTC
		1,811.48								
325616	4/30/2025		163694 STEINBRECHER PAINTING COMPANY							
		48,830.00	POLICE OPERATIONS GARAGE-PMT 1		488324	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		48,830.00								
325617	4/30/2025		158459 TERRACON CONSULTANTS INC							
		2,638.75	AVFAC SPECL INSP THRU 3-29-25		488219	TN67913	2306.6235	PR230064	CONSULTANT SERVICES	APPLE VALLEY AQUATIC CENTER
		2,638.75								
325618	4/30/2025		162543 THE BIG BLUE BOX							
		175.00	AVFAC STORAGE BOX		488520	128226	1940.6229		GENERAL SUPPLIES	AQUATIC SWIM CENTER
		175.00								
325619	4/30/2025		100777 THRYV							
		31.00	YELLOW PAGES		488132	110115110APR25	2205.6239		PRINTING	GOLF MANAGEMENT
		31.00								
325620	4/30/2025		158406 TIFLER WINES LLC							
		119.88	WINE#1	00052952	488456	758	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		2.00	FREIGHT#1	00052952	488457	758	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		121.88								
325621	4/30/2025		161595 TWIN CITY ACOUSTICS INC							
		23,892.50	POLICE OPERATIONS GARAGE-PMT#3		488308	20250331	4432.6810	2021172G	CONSTRUCTION IN PROGRESS	2024A CAPITAL PROJECTS CIP EXP
		23,892.50								
325622	4/30/2025		163631 VCI ENVIRONMENTAL INC							
		1,800.00	VAA BUILDING REGULATED WASTE		488216	86151	2309.6399	PR230004	OTHER CHARGES	HAYES BASEBALL/SOFTBALL COMPLX
		6,980.00	REDWOOD REGULATED WASTE REMOVE		488216	86151	2360.6399	PR230004	OTHER CHARGES	REDWOOD PARK
		8,780.00								
325623	4/30/2025		163667 WAGNER, BRUCE RICHARD AND LINDA LOUISE							
		2,421.00	EASEMENT LONG LK		488199	20250422A	5505.6815	2009116D	EASEMENT/CONDEMNATION	STORM DRAIN MNTC/RPR/SUMPS
		2,421.00								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325623	4/30/2025		163667 WAGNER, BRUCE RICHARD AND LINDA LOUISE						Continued...	
325624	4/30/2025		100814 WENZEL PLYMOUTH PLUMBING							
		2,400.00	HAYES CONC. BROKEN PIPE REPAIR		488212	38428	5265.6266		REPAIRS-BUILDING	ARENA 2 BLDG MAINTENANCE-HAYES
		2,400.00								
325625	4/30/2025		163584 WILLOW POND WINERY LLC							
		143.00	WINE#3	00053146	488470	25014	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		143.00	WINE#3	00053146	488471	25016	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		286.00								
325626	4/30/2025		100521 WINE MERCHANTS							
		96.00	WINE#1	00022992	488492	7514701	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		1.25	FREIGHT#1	00022992	488493	7514701	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		96.00	WINE#3	00022992	488503	7514806	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1.25	FREIGHT#3	00022992	488504	7514806	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		102.00	WINE#3	00022992	488505	7514807	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1.25	FREIGHT#3	00022992	488506	7514807	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,722.00	WINE#1	00022992	488494	7515742	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		26.25	FREIGHT#1	00022992	488495	7515742	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		216.00	WINE#3	00022992	488507	7515743	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		2.50	FREIGHT#3	00022992	488508	7515743	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		384.60	WINE#2	00022992	488501	7515744	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		3.75	FREIGHT#2	00022992	488502	7515744	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		587.50	WINE#2	00022992	488499	7515745	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		8.75	FREIGHT#2	00022992	488500	7515745	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		3,298.40	WINE#3	00022992	488509	7515746	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		16.00	CMWINE#3	00022992	488510	7515746	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		36.25	FREIGHT#3	00022992	488511	7515746	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		556.00	WINE#1	00022992	488496	7516514	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		7.50	FREIGHT#1	00022992	488497	7516514	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		140.70	WINE#3	00022992	488512	7516618	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1.25	FREIGHT#3	00022992	488513	7516618	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		29.20	CMWINE#2	00022992	488498	758147	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		7,244.00								
325627	4/30/2025		100363 XCEL ENERGY							
		63.04	SL ELECTRIC JCRR NORTH CR 42		488359	5100130856011AP R25	5805.6545		NON-TAXABLE MISC FOR RESALE	STREET LIGHT UTILITY FUND
		9.36	ROUNABOUT SPKLR JCRR & 159TH		488358	5100139897905AP R25	1610.6255		UTILITIES-ELECTRIC	STREET/BOULEVARD REPAIR & MNTC

CITY OF APPLE VALLEY
Council Check Register by GL
Council Check Register by Invoice & Summary

4/30/2025 10:55:55

Page - 25

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325627	4/30/2025		100363 XCEL ENERGY						Continued...	
		90.73	SL ELECTRIC 147TH & JCR		488360	5104562347APR25	5805.6545		NON-TAXABLE MISC FOR RESALE	STREET LIGHT UTILITY FUND
		330.01	STREET LIGHTS ELECTRIC		488109	5168727942APR25	5805.6545		NON-TAXABLE MISC FOR RESALE	STREET LIGHT UTILITY FUND
		493.14								
325628	4/30/2025		137143 Z WINES							
		352.00	WINE#1	00049968	488514	27810	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		5.00	FREIGHT#1	00049968	488515	27810	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		357.00								
325629	4/30/2025		102620 ZARNOTH BRUSH WORKS INC							
		922.40	HOLDER BROOM PARTS		488228	201497IN	1765.6215		EQUIPMENT-PARTS	PARK EQUIPMENT MAINTENANCE
		636.00	PLOW BLADES - TOOLCATS		488291	201498IN	1665.6215		EQUIPMENT-PARTS	STREET SNOW & ICE MATERIALS
		1,558.40								
20250245	2/24/2025		120679 U S BANK P CARD							
		1,529.42-	PCARD REBATE FEB		487223	20250220	1001.5399		OTHER MISCELLANEOUS REVENUE	GENERAL FUND REVENUE
		89.99	CAPCUT SUBSCRIPTION		487610	240007750385000	2012.6308		SOFTWARE SUBSCRIPTIONS	CABLE TV JOINT POWERS
						19500323				
			Supplier 163367 CAPUT (PCARD)							
		380.00	ANNUAL MEMBERSHIP FEE 10K LAKE		487160	240007750395000	1400.6280		DUES & SUBSCRIPTIONS	INSPECTIONS MANAGEMENT
						08606502				
			Supplier 144171 ACT*10KLAKES BUILD (PCARD)							
		399.00	RAPID RADIOS		487172	240113450445000	1530.6237		TELEPHONE/PAGERS	FLEET & BUILDINGS-CMF
						01557407				
			Supplier 163372 RAPIDRADIOS.COM (PCARD)							
		36.55-	CABLE SALES TAX ADJUST		487170	240113450445000	2012.6308		SOFTWARE SUBSCRIPTIONS	CABLE TV JOINT POWERS
						09188379				
		36.55	CABLE SALES TAX ADJUST		487170	240113450445000	2010.2330		DUE TO OTHER GOVERNMENT	CABLE TV RESERVE BALANCE SHEET
						09188379				
		486.53	MOTION ARRAY VIDEO SUBSC.		487170	240113450445000	2012.6308		SOFTWARE SUBSCRIPTIONS	CABLE TV JOINT POWERS
						09188379				
			Supplier 157061 MOTIONARRAY.COM (PCARD)							
		275.00	DODGE DIAGNOSTIC TOOL		487204	240113450455000	1530.6211		SMALL TOOLS & EQUIPMENT	FLEET & BUILDINGS-CMF
						03759638				
			Supplier 162644 MOPARWITECHESECTURITYIN (PCARD)							
		101.26	PIZZA FOR ARC FLASH TRAINING		487199	240372450509000	5315.6229		GENERAL SUPPLIES	WATER TRAINING/SCHOOL/MEETINGS
						15399767				
		101.27	PIZZA FOR ARC FLASH TRAINING		487199	240372450509000	5370.6229		GENERAL SUPPLIES	SEWER TRAINING/SCHOOL/MEETINGS
						15399767				
			Supplier 154668 OLE PIPER (PCARD)							

Council Check Register by GL

Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
		3.84-	STREETS SALES TAX ADJUST		487196	240552350452438 51845437	1610.6229		GENERAL SUPPLIES	STREET/BOULEVARD REPAIR & MNTC
		3.84	STREETS SALES TAX ADJUST		487196	240552350452438 51845437	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		51.23	PARTS-CHAINSAWS		487196	240552350452438 51845437	1610.6229		GENERAL SUPPLIES	STREET/BOULEVARD REPAIR & MNTC
			Supplier 141058 AHLBORN EQUIPMENT (PCARD)							
		727.42	LTS ICE SHOW COSTUMES		487213	240552350488782 67574589	5245.6229		GENERAL SUPPLIES	ARENA 1 LEARN TO SKATE
		459.65	LTS ICE SHOW COSTUMES		487215	240552350508783 11954899	5245.6229		GENERAL SUPPLIES	ARENA 1 LEARN TO SKATE
		433.92	LTS ICE SHOW COSTUMES		487222	240552350518783 89407134	5245.6229		GENERAL SUPPLIES	ARENA 1 LEARN TO SKATE
			Supplier 157101 WEISSMANS THEATRICAL (PCARD)							
		19.58-	AVCC SALES TAX ADJUST		487174	241134350422002 67169595	1900.6229		GENERAL SUPPLIES	AV COMMUNITY CENTER
		19.58	AVCC SALES TAX ADJUST		487174	241134350422002 67169595	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		260.54			487174	241134350422002 67169595	1900.6229		GENERAL SUPPLIES	AV COMMUNITY CENTER
			Supplier 144237 THE WEBSTAIRANT STORE (PCARD)							
		3.08-	POL SALES TAX ADJUST		487182	241374650391004 19794437	1200.6239		PRINTING	POLICE MANAGEMENT
		3.08	POL SALES TAX ADJUST		487182	241374650391004 19794437	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		41.02	BUSINESS CARDS		487182	241374650391004 19794437	1200.6239		PRINTING	POLICE MANAGEMENT
			Supplier 100577 OFFICE MAX (PCARD)							
		31.35	LP FOR GROUND THAWING		487173	241374650430014 96159409	5605.6257		UTILITIES-PROPANE/WATER/SEWER	CEMETERY
		14.53	NON OXY FUEL		487207	241374650460016 88259741	1600.6212		MOTOR FUELS/OILS	STREET MANAGEMENT
		62.69	LP FOR GROUND THAWING		487208	241374650460016 88259824	5605.6257		UTILITIES-PROPANE/WATER/SEWER	CEMETERY
			Supplier 145769 SPEEDWAY (PCARD)							
		3.08-	POL SALES TAX ADJUST		487211	241374650461004 24224686	1200.6239		PRINTING	POLICE MANAGEMENT
		3.08	POL SALES TAX ADJUST		487211	241374650461004 24224686	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
		41.02	BUSINESS CARDS		487211	241374650461004 24224686	1200.6239		PRINTING	POLICE MANAGEMENT
			Supplier 100577 OFFICE MAX (PCARD)							
		4.85	LIMEAWAY		487202	241640750440910 17247827	2265.6229		GENERAL SUPPLIES	GOLF KITCHEN
		22.23	SUPPLIES		487217	241640750490910 17263316	2270.6229		GENERAL SUPPLIES	GOLF FOOD & BEVERAGE
			Supplier 100463 TARGET STORES (PCARD)							
		395.00	HOMICIDE SCHOOL GUADAJARA		487183	241988050435063 86426166	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
			Supplier 139988 PAYPAL (PCARD)							
		195.00	RECRUITMENT - CITY PLANNER		487157	241988050475064 45183275	1020.6239		PRINTING	HUMAN RESOURCES
		195.00	RECRUITMENT - PLANNER		487158	241988050475064 45484319	1020.6239		PRINTING	HUMAN RESOURCES
			Supplier 126298 MN APA (PCARD)							
		398.21	COOLER DOORS LED BULBS		487165	242078550430366 00211487	5025.6265		REPAIRS-EQUIPMENT	LIQUOR #1 OPERATIONS
			Supplier 163369 MEBULBS (PCARD)							
		39.00	SOCIAL MEDIA TRAINING		487203	242390050459000 13238670	2205.6275		SCHOOLS/CONFERENCES/EXP LOCAL GOLF MANAGEMENT	
			Supplier 158331 TWIN CITIES GOLF ORGANIZATION (PCARD)							
		235.00	NURSERY SALE PERMIT		487188	242476050422001 88300409	1520.6399		OTHER CHARGES	NATURAL RESOURCES
			Supplier 153126 MN NURSURY & LANDSCAPE (PCARD)							
		29.69-	POL SALES TAX ADJUST		487216	242707450499000 12184963	1200.6215		EQUIPMENT-PARTS	POLICE MANAGEMENT
		29.69	POL SALES TAX ADJUST		487216	242707450499000 12184963	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		365.46	ARMORING TOOLS/STEEL TARGETS		487216	242707450499000 12184963	1200.6215		EQUIPMENT-PARTS	POLICE MANAGEMENT
			Supplier 148595 BROWNELLS.COM (PCARD)							
		41.28-	POL SALES TAX ADJUST		487224	243230050511089 01095487	1200.6211		SMALL TOOLS & EQUIPMENT	POLICE MANAGEMENT
		41.28	POL SALES TAX ADJUST		487224	243230050511089 01095487	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		549.28	BREACHING EQUIP FOR NEW SQUAD		487224	243230050511089 01095487	1200.6211		SMALL TOOLS & EQUIPMENT	POLICE MANAGEMENT
			Supplier 153973 STREICHERS (PCARD)							

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
		28.64	STAFF WATER & SOFTENER SALT		487167	244273350387302	5095.6229		GENERAL SUPPLIES	LIQUOR #3 OPERATIONS
						68127456				
		63.00	TEA		487197	244273350457302	1060.6229		GENERAL SUPPLIES	MUNICIPAL BLDG & GROUNDS MNTC
						67007411				
			Supplier 148071 CUB FOODS (PCARD)							
		147.86	TRAINING FOOD		487201	244310650451495	1225.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE TRAINING	
						09112524				
			Supplier 140817 CHIPOTLE (PCARD)							
		169.54	TOWELS WATER KLEENEX		487164	244450050434001	1060.6229		GENERAL SUPPLIES	MUNICIPAL BLDG & GROUNDS MNTC
						62815099				
			Supplier 149714 SAMS CLUB (PCARD)							
		19.43	POP FOR ARC FLASH TRAINING		487200	244450050514001	5315.6229		GENERAL SUPPLIES	WATER TRAINING/SCHOOL/MEETINGS
						38794468				
		19.43	POP FOR ARC FLASH TRAINING		487200	244450050514001	5370.6229		GENERAL SUPPLIES	SEWER TRAINING/SCHOOL/MEETINGS
						38794468				
			Supplier 102101 WAL-MART (PCARD)							
		100.00	DAIN PLT CERTIFICATION		487185	244921650425000	1775.6275		SCHOOLS/CONFERENCES/EXP LOCAL PARK MAINTENANCE TRAINING	
						26364674				
		100.00	PLT CERTIFICATION - REINER		487186	244921650425000	1775.6275		SCHOOLS/CONFERENCES/EXP LOCAL PARK MAINTENANCE TRAINING	
						26413042				
			Supplier 143970 PLT SERVICES (PCARD)							
		330.00-	BLUEBEAM SOFTWARE CREDIT		487171	244921650435000	1510.6308		SOFTWARE SUBSCRIPTIONS	PW ENGINEERING & TECHNICAL
						23777349				
			Supplier 161279 BLUEBEAM INC (PCARD)							
		100.00	TRAINING - UST		487163	244921650440000	1530.6275		SCHOOLS/CONFERENCES/EXP LOCAL FLEET & BUILDINGS-CMF	
						00018535				
			Supplier 163371 PASS TRAINING (PCARD)							
		266.98	FLUSH HOSE REPAIR CLAMPS		487156	244921650450000	5330.6215		EQUIPMENT-PARTS	WTR MAIN/HYDRANT/CURB STOP MNT
						00530587				
			Supplier 163373 TICON INDUSTRIES (PCARD)							
		20.00	CHATGPT PLUS SUBSCRIPTION		487206	244921650455000	1010.6308		SOFTWARE SUBSCRIPTIONS	ADMINISTRATION
						28571125				
			Supplier 161101 CHATGPT SUBSCRIPTION (PCARD)							
		158.99	CLEANING SUPPLIES		487179	246921650381016	5265.6215		EQUIPMENT-PARTS	ARENA 2 BLDG MAINTENANCE-HAYES
						65571689				
			Supplier 140339 AMAZON.COM (PCARD)							
		14.99-	AVCC SALES TAX ADJUST		487175	246921650381018	1900.6266		REPAIRS-BUILDING	AV COMMUNITY CENTER
						78994447				
		14.99	AVCC SALES TAX ADJUST		487175	246921650381018	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
						78994447				
		225.87	HEATER FAN MOTOR		487175	246921650381018	1900.6266		REPAIRS-BUILDING	AV COMMUNITY CENTER
						78994447				
			Supplier 147433 SUPPLYHOUSE.COM (PCARD)							
		42.65	CLEANING SUPPLIES		487177	246921650381018	5210.6266		REPAIRS-BUILDING	ARENA 1 BUILDING MAINTENANCE
						82081678				
		21.10	VACUUM BAGS		487180	246921650431059	5210.6265		REPAIRS-EQUIPMENT	ARENA 1 BUILDING MAINTENANCE
						08309784				
		156.79	CLEANING SUPPLIES		487178	246921650441061	5265.6266		REPAIRS-BUILDING	ARENA 2 BLDG MAINTENANCE-HAYES
						72710615				
		80.15	SPRAY BOTTLE- BABY TABLE STRAP		487176	246921650441063	5210.6215		EQUIPMENT-PARTS	ARENA 1 BUILDING MAINTENANCE
						13598754				
		29.99	CHANGING TABLE STRAP		487209	246921650451070	5210.6266		REPAIRS-BUILDING	ARENA 1 BUILDING MAINTENANCE
						26951420				
			Supplier 140339 AMAZON.COM (PCARD)							
		3.17-	IT SALES TAX ADJUST		487205	246921650451071	1030.6280		DUES & SUBSCRIPTIONS	INFORMATION TECHNOLOGY
						89692845				
		3.17	IT SALES TAX ADJUST		487205	246921650451071	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
						89692845				
		42.16	WSJ ONLINE SUBSCRIPTION		487205	246921650451071	1030.6280		DUES & SUBSCRIPTIONS	INFORMATION TECHNOLOGY
						89692845				
			Supplier 157029 WSJ BARRONS SUBSCRIPT (PCARD)							
		96.35	REPL WORK RAGS		487218	246921650491007	5330.6229		GENERAL SUPPLIES	WTR MAIN/HYDRANT/CURB STOP MNT
						81557827				
		96.35	REPL WORK RAGS		487218	246921650491007	5375.6229		GENERAL SUPPLIES	SEWER MAINTENANCE AND REPAIR
						81557827				
		150.78	12V PUMP FOR JETTER TRAILER		487221	246921650501012	5375.6215		EQUIPMENT-PARTS	SEWER MAINTENANCE AND REPAIR
						21376766				
		74.94	LTS ICE SHOW COSTUMES		487219	246921650501016	5245.6229		GENERAL SUPPLIES	ARENA 1 LEARN TO SKATE
						99463476				
			Supplier 140339 AMAZON.COM (PCARD)							
		72.40	ADMIN MPPOA		487225	246921650511024	1210.6280		DUES & SUBSCRIPTIONS	POLICE FIELD OPERATIONS/PATROL
						64299292				
			Supplier 154729 MN POLICE & PEACE (PCARD)							
		206.28	ADMIN LDF DUES		487226	246921650511024	1210.6280		DUES & SUBSCRIPTIONS	POLICE FIELD OPERATIONS/PATROL
						74579147				
			Supplier 158220 MPPOA LEGAL DEFENSE (PCARD)							
		85.00	B.O. LICENSE		487193	247170550461504	1400.6280		DUES & SUBSCRIPTIONS	INSPECTIONS MANAGEMENT
						67264419				
			Supplier							

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
			111168 MN DEPT OF LABOR & INDUSTRY (PCARD)							
		14.30-	POL SALES TAX ADJUST		487210	247170550462704	1200.6215		EQUIPMENT-PARTS	POLICE MANAGEMENT
						63003403				
		14.30	POL SALES TAX ADJUST		487210	247170550462704	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
						63003403				
		190.76	GUN PARTS- MOUNTS		487210	247170550462704	1200.6215		EQUIPMENT-PARTS	POLICE MANAGEMENT
						63003403				
			Supplier 163370 MIDWAYUSA.COM (PCARD)							
		75.00	CHIRPICH DMT REFRESHER		487212	247170550471204	1200.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE MANAGEMENT	
						73305125				
		75.00	DMT REFRESHER-GUADALAJARA		487220	247170550511205	1200.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE MANAGEMENT	
						12888092				
			Supplier 150045 BCA TRAINING EDUCATION (PCARD)							
		2.15	HSEM EPCRA SVC FEE		488087	247170550521505	1930.6280		DUES & SUBSCRIPTIONS	REDWOOD CC
						20981059				
		2.15	REPORT SERVICE CHARGE		487195	247170550521505	1940.6280		DUES & SUBSCRIPTIONS	AQUATIC SWIM CENTER
						20981067				
		100.00	HSEM EPCRA FEES		488086	247170550521505	1930.6280		DUES & SUBSCRIPTIONS	REDWOOD CC
						20981596				
		100.00	HAZ MAT REPORT DHS		487194	247170550521505	1940.6280		DUES & SUBSCRIPTIONS	AQUATIC SWIM CENTER
						20982222				
			Supplier 154584 HSEM TIER 2 REPORTING (PCARD)							
		988.02	VOLLEYBALL NET TENSION WINCH		487168	247554250427304	1860.6229		GENERAL SUPPLIES	REC VOLLEYBALL
						24144150				
		855.65	VOLLEYBALL NETS (2)		487169	247554250431204	1860.6229		GENERAL SUPPLIES	REC VOLLEYBALL
						32784552				
			Supplier 146421 EPIC SPORTS (PCARD)							
		106.33	OUTREACH EVENTS		487181	247893050421849	1275.6229		GENERAL SUPPLIES	POL COMMUN OUTREACH/CRIME PREV
						01512196				
			Supplier 150749 OTC BRANDS (PCARD)							
		54.00	EMAIL CAMPAIGN MONTHLY		487214	247933850480017	1200.6308		SOFTWARE SUBSCRIPTIONS	POLICE MANAGEMENT
						24932072				
			Supplier 141272 MAILCHIMP (PCARD)							
		127.00	TOW-MISSING PERSON 25000271		487190	248019750432417	1210.6211		SMALL TOOLS & EQUIPMENT	POLICE FIELD OPERATIONS/PATROL
						98102623				
			Supplier 163368 DUKES TOWING (PCARD)							
		250.00	DAY ON HILL-HOOPPAW & HIEBERT		487192	248019750512499	1005.6275		SCHOOLS/CONFERENCES/EXP LOCAL MAYOR/CITY COUNCIL	
						24009298				
			Supplier 155887 LEAGUE OF MN CITIES (PCARD)							

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
		61.12	NON OXY GAS		487189	249430050421479 10418498	5390.6212		MOTOR FUELS/OILS	SWR EQUIP/VEHICLE MISC MNTC/RP
			Supplier 103023 KWIK TRIP INC (PCARD)							
		119.58	ALERT TRAINING LUNCH		487184	249430050441489 45592032	1225.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE TRAINING	
			Supplier 148995 CULVER'S OF APPLE VALLEY (PCARD)							
		37.99	BREAK ROOM COFFEE		487166	249430050451494 26919800	5025.6229		GENERAL SUPPLIES	LIQUOR #1 OPERATIONS
		37.99	BREAK ROOM COFFEE		487166	249430050451494 26919800	5065.6229		GENERAL SUPPLIES	LIQUOR #2 OPERATIONS
		43.87	COFFEE & LYSOL WIPES		487166	249430050451494 26919800	5005.6229		GENERAL SUPPLIES	LIQUOR GENERAL OPERATIONS
		151.96	BREAK ROOM COFFEE		487166	249430050451494 26919800	5095.6229		GENERAL SUPPLIES	LIQUOR #3 OPERATIONS
			Supplier 148264 COSTCO (PCARD)							
		5.05	4995 NON-OXY FUEL		487191	249430050471510 21164848	1330.6212		MOTOR FUELS/OILS	FIRE OPERATIONS
			Supplier 103023 KWIK TRIP INC (PCARD)							
		1.96	SUPPLIES		487187	249430150380101 91810517	2240.6211		SMALL TOOLS & EQUIPMENT	GOLF EQUIPMENT MAINTENANCE
		17.92	BRUSH		487187	249430150380101 91810517	2240.6211		SMALL TOOLS & EQUIPMENT	GOLF EQUIPMENT MAINTENANCE
		44.88	SEAT		487187	249430150380101 91810517	2240.6211		SMALL TOOLS & EQUIPMENT	GOLF EQUIPMENT MAINTENANCE
		167.43	PAINT		487187	249430150380101 91810517	2230.6229		GENERAL SUPPLIES	GOLF SHOP BUILDING MAINTENANCE
		7.92	ADAPTER FOR NEW DRYER (FS2)		487159	249430150430101 85316805	1340.6215		EQUIPMENT-PARTS	FIRE BLDG & GROUNDS MNTC
			Supplier 143525 HOME DEPOT STORE #2833 (PCARD)							
		27.64-	MARKETING SUPPLIES REFUND		487161	740362950447188 03458425	1940.6239		PRINTING	AQUATIC SWIM CENTER
		14.04-	MARKETING SUPPLIES REFUND		487162	740362950447188 03502487	1940.6239		PRINTING	AQUATIC SWIM CENTER
			Supplier 157581 CUSTOMINK LLC (PCARD)							
		58.45-	RETURN VEST - M SAAM		487198	747679050502338 00450854	1500.6281		UNIFORM/CLOTHING ALLOWANCE	PW MANAGEMENT
			Supplier 155374 LLBEAN DIRECT (PCARD)							
		13.99-	MWF POPCORN RETURN		487155	749430050451494 26919797	1800.6229		GENERAL SUPPLIES	REC PROGRAM GENERAL
			Supplier							

Council Check Register by GL
Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250245	2/24/2025		120679 U S BANK P CARD						Continued...	
		10,580.32	148264 COSTCO (PCARD)							
20250350	3/10/2025		120679 U S BANK P CARD							
		119.99	ADVERTISING APP		488165	240113450625001 03288189	5005.6239		PRINTING	LIQUOR GENERAL OPERATIONS
			Supplier 156529 CANVA (PCARD)							
		39.93	IPAD MOUNT FOR GIS		488173	240113450645000 83757946	1510.6211		SMALL TOOLS & EQUIPMENT	PW ENGINEERING & TECHNICAL
			Supplier 157615 NPI/RAM MOUNTS (PCARD)							
		349.00	NETWORK MOUNTING HARDWARE		488175	240113450665000 10037378	1030.6211		SMALL TOOLS & EQUIPMENT	INFORMATION TECHNOLOGY
			Supplier 163457 SP PATCHBOX SYNERGY MI (PCARD)							
		62.60	LUNCH FOR TRAINING		488149	240133950570054 39256520	1225.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE TRAINING	
			Supplier 158725 PUNCH PIZZA (PCARD)							
		299.96	ADVISOR SWEATSHIRTS		488146	240362950557125 29508093	1210.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE FIELD OPERATIONS/PATROL
			Supplier 157581 CUSTOMINK LLC (PCARD)							
		316.70	MN JOA CNF-DULUTH BROUGHTEN		488527	240362950567126 54151833	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
		316.70	MN JOA CNF-DULUTH DROGSETH		488527	240362950567126 54151833	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
		316.70	MN JOA CNF-DULUTH M.SMITH		488527	240362950567126 54151833	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
			Supplier 150505 SQ MN JUVENILE OF (PCARD)							
		10.00	ARC FLASH PIZZA TIP		488150	240372450579000 18016775	5325.6229		GENERAL SUPPLIES	WATER TREATMENT FCLTY MNTC/RPR
		10.00	ARC FLASH PIZZA TIP		488150	240372450579000 18016775	5330.6229		GENERAL SUPPLIES	WTR MAIN/HYDRANT/CURB STOP MNT
		10.00	ARC FLASH PIZZA TIP		488150	240372450579000 18016775	5380.6229		GENERAL SUPPLIES	SEWER LIFT STN REPAIR & MNTC
			Supplier 154668 OLE PIPER (PCARD)							
		25.80-	FIRE SALES TAX ADJUST		488138	241134350523007 53960254	1330.6211		SMALL TOOLS & EQUIPMENT	FIRE OPERATIONS
		25.80	FIRE SALES TAX ADJUST		488138	241134350523007 53960254	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		343.21	HYDROFOAMER SPRAYER (4)		488138	241134350523007 53960254	1330.6211		SMALL TOOLS & EQUIPMENT	FIRE OPERATIONS
			Supplier 161618 KLEEN RITE (PCARD)							

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250350	3/10/2025		120679 U S BANK P CARD						Continued...	
		756.14	BATTERIES		488142	241164150527449 91529703	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
			Supplier 145089 BATTERY JUNCTION (PCARD)							
		59.00	ONLINE FORMS		488174	241164150647420 18175936	2205.6308		SOFTWARE SUBSCRIPTIONS	GOLF MANAGEMENT
			Supplier 163454 GRAVITY FORMS (PCARD)							
		135.26	FOOD FOR BANQUET COVERAGE		488143	241374650546005 40602276	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
			Supplier 161408 PANCHEROS (PCARD)							
		54.54	TRAINING FOOD-RANGE		488152	241374650580014 92725858	1200.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE MANAGEMENT	
		2.60-	POL SALES TAX ADJUST		488153	241374650580014 92725932	1200.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE MANAGEMENT	
		2.60	POL SALES TAX ADJUST		488153	241374650580014 92725932	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		34.60	TRAINING FOOD-RANGE		488153	241374650580014 92725932	1200.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE MANAGEMENT	
			Supplier 149661 HY VEE (PCARD)							
		2.68-	AVCC SALES TAX ADJUST		488171	241374650645008 11520223	1900.6210		OFFICE SUPPLIES	AV COMMUNITY CENTER
		2.68	AVCC SALES TAX ADJUST		488171	241374650645008 11520223	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		35.66	FOLDERS FOR SEASONAL HANDBOOKS		488171	241374650645008 11520223	1900.6210		OFFICE SUPPLIES	AV COMMUNITY CENTER
			Supplier 100577 OFFICE MAX (PCARD)							
		3.82-	UTIL SALES TAX ADJUST		488172	241640750630692 22731740	5505.6239		PRINTING	STORM DRAIN MNTC/RPR/SUMPS
		3.82	UTIL SALES TAX ADJUST		488172	241640750630692 22731740	5500.2330		DUE TO OTHER GOVERNMENT	STORM DRAIN UTIL BALANCE SHEET
		50.81	EDUCATIONAL MTLs FOR MS4		488172	241640750630692 22731740	5505.6239		PRINTING	STORM DRAIN MNTC/RPR/SUMPS
			Supplier 143773 FEDEX OFFICE (PCARD)							
		7.11-	POL SALES TAX ADJUST		488160	242042950590027 65060062	1210.6229		GENERAL SUPPLIES	POLICE FIELD OPERATIONS/PATROL
		7.11	POL SALES TAX ADJUST		488160	242042950590027 65060062	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		94.59	K9 CAR REMOTES		488160	242042950590027 65060062	1210.6229		GENERAL SUPPLIES	POLICE FIELD OPERATIONS/PATROL
			Supplier 145106 PAYPAL-EBAY (PCARD)							

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250350	3/10/2025		120679 U S BANK P CARD						Continued...	
		209.95	COOLER DOOR LED BULBS		488157	242078550580302 00258859	5025.6215		EQUIPMENT-PARTS	LIQUOR #1 OPERATIONS
			Supplier 163369 MEBULBS (PCARD)							
		334.02	CLEANING SUPPLIES/PLATES		488139	242263850530070 75891972	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
			Supplier 149714 SAMS CLUB (PCARD)							
		125.00	WEBSITE		488167	242390050639000 18315207	2205.6239		PRINTING	GOLF MANAGEMENT
			Supplier 158331 TWIN CITIES GOLF ORGANIZATION (PCARD)							
		260.00	SHADE TREE SHORT CRSE ESPINOZA		488147	242476050552001 90268796	1775.6275		SCHOOLS/CONFERENCES/EXP LOCAL PARK MAINTENANCE TRAINING	
		260.00	SHADE TREE SHORT COURSE CHILD		488147	242476050552001 90268796	1775.6275		SCHOOLS/CONFERENCES/EXP LOCAL PARK MAINTENANCE TRAINING	
		260.00	SHADE TREE SHORT COURSE ROTHER		488147	242476050552001 90268796	1775.6275		SCHOOLS/CONFERENCES/EXP LOCAL PARK MAINTENANCE TRAINING	
			Supplier 153126 MN NURSURY & LANDSCAPE (PCARD)							
		56.47-	POL SALES TAX ADJUST		488168	242707450629000 64700056	1200.6215		EQUIPMENT-PARTS	POLICE MANAGEMENT
		56.47	POL SALES TAX ADJUST		488168	242707450629000 64700056	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		751.40	GUN PARTS		488168	242707450629000 64700056	1200.6215		EQUIPMENT-PARTS	POLICE MANAGEMENT
			Supplier 154760 THE MODERN SPORTSMAN (PCARD)							
		55.15	DRY CLEAN SANTA & KLONDIKE		488155	243162750580066 69936069	1800.6399		OTHER CHARGES	REC PROGRAM GENERAL
			Supplier 157792 PILGRIM DRY CLEANERS (PCARD)							
		163.00-	IT SALES TAX ADJUST		488158	243990050595030 67001025	1030.6725		CAPITAL OUTLAY-OFFICE EQUIP	INFORMATION TECHNOLOGY
		163.00	IT SALES TAX ADJUST		488158	243990050595030 67001025	1000.2330		DUE TO OTHER GOVERNMENT	GENERAL FUND BALANCE SHEET
		2,162.99	CONFERENCE ROOM AV 98"TV		488158	243990050595030 67001025	1030.6725		CAPITAL OUTLAY-OFFICE EQUIP	INFORMATION TECHNOLOGY
			Supplier 113057 BEST BUY (PCARD)							
		64.99	BANQUET CAKE		488144	244273350537302 60000131	1300.6399		OTHER CHARGES	FIRE MANAGEMENT
		71.97	BADGING CEREMONY CAKE		488166	244273350627302 58274309	1330.6229		GENERAL SUPPLIES	FIRE OPERATIONS
		9.06	LO MARCH		488176	244273350657302 62974461	1875.6229		GENERAL SUPPLIES	REC PRESCHOOL PROGRAMS

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250350	3/10/2025		120679 U S BANK P CARD						Continued...	
		14.58	PS GENERAL		488176	244273350657302 62974461	1875.6229		GENERAL SUPPLIES	REC PRESCHOOL PROGRAMS
			Supplier 148071 CUB FOODS (PCARD)							
		3.00	NEW CC PROCESSOR TEST PURCHASE		488140	244450050522001 69527707	1900.6399		OTHER CHARGES	AV COMMUNITY CENTER
		.25	NEW CC PROCESSOR TESTING		488148	244450050552001 63891718	1900.6399		OTHER CHARGES	AV COMMUNITY CENTER
			Supplier 145092 APPLE VALLEY PARKS & RECREATION (PCARD)							
		70.00	MNGFOA 2025 DUES-ROTZ		488156	244450050583005 41116197	1035.6280		DUES & SUBSCRIPTIONS	FINANCE
			Supplier 148093 MN GFOA (PCARD)							
		71.36	CHAPLAIN MEETING LUNCH		488363	244450050595006 19649826	1200.6229		GENERAL SUPPLIES	POLICE MANAGEMENT
			Supplier 145421 REDS SAVOY PIZZA (PCARD)							
		381.75	BLOOD TEST AND CARE FOR DOG		488159	245593050599000 17722314	1200.6399		OTHER CHARGES	POLICE MANAGEMENT
			Supplier 163456 PALOMINO PET HOSPITAL (PCARD)							
		175.00	MAPMO MEMBERSHIP		488170	246921650631032 96477664	1400.6280		DUES & SUBSCRIPTIONS	INSPECTIONS MANAGEMENT
			Supplier 154589 MN ASSOCIATION (PCARD)							
		19.00	PLT LICENSE RENEWAL		488169	247170550631506 33744078	1775.6280		DUES & SUBSCRIPTIONS	PARK MAINTENANCE TRAINING
			Supplier 111168 MN DEPT OF LABOR & INDUSTRY (PCARD)							
		550.00	SRO TRAINING COURSE M.SMITH		488177	247554250652906 51103132	1210.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE FIELD OPERATIONS/PATROL	
			Supplier 157243 NATIONAL ASSOC OF S (PCARD)							
		99.94	MID WINTER FEST FB AD		488145	247933850550023 83551096	1800.6239		PRINTING	REC PROGRAM GENERAL
			Supplier 148619 FACEBOOK INC (PCARD)							
		108.00	MANAGEMENT SOFTWARE		488151	247933850570016 43557057	1700.6308		SOFTWARE SUBSCRIPTIONS	PARK & RECREATION MANAGEMENT
			Supplier 163455 LUCID SOFTWARE INC (PCARD)							
		50.00	NATIONAL CO-RESP MEMBERSHIP		488361	247933850570024 94534062	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
		50.00	NATIONAL CO-RESP MEMBERSHIP		488362	247933850580023 85111060	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
		575.00	NAT'L CO-RESPOND. ATLA SCHULTZ		488528	247933850580023 85124063	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	
		575.00	NAT'L CO-RESPONDER ATLANT DEMO		488529	247933850590026	1225.6276		SCHOOLS/CONFERENCES/EXP OTHERPOLICE TRAINING	

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250350	3/10/2025		120679 U S BANK P CARD						Continued...	
						36180061				
			Supplier 158309 INTL CO RESPONDER ALLIANC (PCARD)							
		75.00	EMAIL ADVERTISING		488164	247933850600014	5005.6239		PRINTING	LIQUOR GENERAL OPERATIONS
						38544075				
			Supplier 141272 MAILCHIMP (PCARD)							
		99.00	ECOMMERCE SERVICE FEE		488161	247933850600015	5025.6351		VISA/BANK CHARGES	LIQUOR #1 OPERATIONS
						88989088				
		99.00	ECOMMERCE SERVICE FEE		488162	247933850600015	5065.6351		VISA/BANK CHARGES	LIQUOR #2 OPERATIONS
						89312082				
		99.00	ECOMMERCE SERVICE FEE		488163	247933850600015	5095.6351		VISA/BANK CHARGES	LIQUOR #3 OPERATIONS
						92330089				
			Supplier 162558 CITY HIVE INC (PCARD)							
		28.00	LEAGUE MANAGEMENT SOFTWARE		488154	249064150572229	1870.6308		SOFTWARE SUBSCRIPTIONS	REC BASKETBALL
						47410251				
		150.00	LEAGUE MANAGEMENT SOFTWARE		488154	249064150572229	1850.6308		SOFTWARE SUBSCRIPTIONS	REC SOFTBALL
						47410251				
		200.00	LEAGUE MANAGEMENT SOFTWARE		488154	249064150572229	1855.6308		SOFTWARE SUBSCRIPTIONS	REC FOOTBALL & SOCCER
						47410251				
		620.00	LEAGUE MANAGEMENT SOFTWARE		488154	249064150572229	1860.6308		SOFTWARE SUBSCRIPTIONS	REC VOLLEYBALL
						47410251				
			Supplier 156554 TEAMSIDELINE (PCARD)							
		215.97	UNIFORMS		488141	249416650521092	1210.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE FIELD OPERATIONS/PATROL
						70235474				
			Supplier 161715 BLAUER MANUFACTURING (PCARD)							
		12,308.77								
20250424	4/25/2025		148015 EMPOWER							
		415.00	MNDGP-ROTH 457 CONTRIBUTIONS		488057	423251124559	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		3,255.00	MNDGP-457 CONTRIBUTIONS		488057	423251124559	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		3,670.00								
20250425	4/25/2025		148869 EMPOWER (HCSP)							
		403.85	SERGEANT HCSP FUNDING-GROSS WA		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		854.78	AFSCME HCSP FUNDING-GROSS WAGE		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		1,270.53	ADMIN HCSP FUNDING-GROSS WAGES		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		1,522.91	SCH 2 HCSP FUNDING-GROSS WAGES		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		1,866.77	POLICE HCSP FUNDING-GROSS WAGE		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		1,898.75	SCH 1 HCSP FUNDING-GROSS WAGES		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		4,388.98	HCSP FUNDING-ANN LV/COMP		488047	4232511245510	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		12,206.57								

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250425	4/25/2025		148869 EMPOWER (HCSP)						Continued...	
20250426	4/28/2025		102664 US BANK							
		12,339.81	EMPLOYEE MEDICARE		488055	423251124557	9000.2111		ACCRUED FEDERAL/FICA	PAYROLL CLEARING BAL SHEET
		12,339.81	CITY SHARE MEDICARE		488055	423251124557	9000.2111		ACCRUED FEDERAL/FICA	PAYROLL CLEARING BAL SHEET
		34,746.71	EMPLOYEE FICA		488055	423251124557	9000.2111		ACCRUED FEDERAL/FICA	PAYROLL CLEARING BAL SHEET
		34,746.71	CITY SHARE FICA		488055	423251124557	9000.2111		ACCRUED FEDERAL/FICA	PAYROLL CLEARING BAL SHEET
		81,268.13	FEDERAL TAXES PR		488055	423251124557	9000.2111		ACCRUED FEDERAL/FICA	PAYROLL CLEARING BAL SHEET
		175,441.17								
20250427	4/25/2025		101238 MINNESOTA CHILD SUPPORT PAYMEN							
		460.00	CHILD SUPPORT DEDUCTIONS		488053	423251124555	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		102.36	CHILD SUPPORT DEDUCTIONS		488054	423251124556	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		562.36								
20250428	4/28/2025		100657 MN DEPT OF REVENUE							
		37,181.34	STATE TAX WITHHOLDING		488052	423251124554	9000.2112		ACCRUED STATE W/H	PAYROLL CLEARING BAL SHEET
		37,181.34								
20250429	4/28/2025		100392 PUBLIC EMPLOYEES RETIREMENT AS							
		71,980.94	EMPLOYEE SHARE PERA		488051	423251124553	9000.2114		ACCRUED PERA	PAYROLL CLEARING BAL SHEET
		95,353.09	CITY SHARE PERA		488051	423251124553	9000.2114		ACCRUED PERA	PAYROLL CLEARING BAL SHEET
		167,334.03								
20250430	4/25/2025		157977 WEX HEALTH INC							
		10,233.13	HSA EMPLOYEE FUNDING		488049	4232511245512	9000.2125		ACCRUED HSA/HRA BENEFIT	PAYROLL CLEARING BAL SHEET
		10,233.13								
20250431	4/21/2025		157977 WEX HEALTH INC							
		1,200.00	FLEX SPENDING DAYCARE 2025		488516	20250421	9000.2119		ACCRUED FLEX SPENDING	PAYROLL CLEARING BAL SHEET
		1,200.00								
20250432	4/14/2025		157977 WEX HEALTH INC							
		234.54	FLEX SPENDING DAYCARE 2025		488517	20250414	9000.2119		ACCRUED FLEX SPENDING	PAYROLL CLEARING BAL SHEET
		234.54								
20250433	4/25/2025		100009 AFSCME COUNCIL #5							
		1,286.99	UNION DUES		487129	40925920341	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		1,286.99	UNION DUES		488046	423251124551	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		2,573.98								

Council Check Register by GL

Council Check Register by Invoice & Summary

2/24/2025 -- 5/2/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250434	4/25/2025		151440 VANTAGEPOINT TRANSFER AGENTS						Continued...	
		7,003.11	ROTH 457-PLAN #301171-FIRE TOO		488048	4232511245511	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		7,003.11								
20250435	4/25/2025		100240 VANTAGEPOINT TRANSFER AGENTS - 457 FT							
		27,222.30	ICMA-PLAN #301171-FIRE TOO		488050	423251124552	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		27,222.30								
20250436	4/25/2025		126459 VANTAGEPOINT TRANSFER AGENTS - ROTH							
		2,461.23	ROTH IRA-PLAN #705481		488056	423251124558	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		2,461.23								
20250501	5/1/2025		157977 WEX HEALTH INC							
		1,233.36	HSA EMPLOYER FUNDING		488518	20250501	9000.2125		ACCRUED HSA/HRA BENEFIT	PAYROLL CLEARING BAL SHEET
		1,233.36								
		3,004,264.60	Grand Total							

Payment Instrument Totals

Checks	1,334,173.51
EFT Payments	471,446.21
A/P ACH Payment	1,198,644.88
Total Payments	3,004,264.60


 4/30/25
 4/30/25

2/24/2025 - 5/2/2025

<u>Company</u>	<u>Amount</u>
01000 GENERAL FUND	566,261.80
02010 CABLE TV RESERVE FUND	576.52
02025 ROAD ESCROW FUND	15.26
02200 VALLEYWOOD GOLF FUND	17,893.04
02300 PARKS REFERENDUM FUND	558,980.28
03210 EDA OPERATIONS FUND	472.56
04430 2024A CAPITAL PROJECT CIP FUND	1,157,495.60
04930 FUTURE CAPITAL PROJECTS	220.34
05000 LIQUOR FUND	86,735.99
05200 ARENA FUND	8,724.88
05300 WATER & SEWER FUND	136,880.96
05500 STORM DRAINAGE UTILITY FUND	4,835.04
05600 CEMETERY FUND LEVEL PROGRAM	133.29
05800 STREET LIGHT UTIL FUND	2,694.34
07200 RISK MANAGEMENT/INSURANCE FUND	13,787.58
09000 PAYROLL CLEARING FUND	448,557.12
Report Totals	3,004,264.60

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34509	5/9/2025		100101 ACE HARDWARE							
		2.19-	DISCOUNT		489094	350134100335	1715.6333		GENERAL-CASH DISCOUNTS	PARK ATHLETIC FIELD MAINTENANC
		21.99	STRIPER PARTS		489094	350134100335	1715.6229		GENERAL SUPPLIES	PARK ATHLETIC FIELD MAINTENANC
		1.07-	DISCOUNT		489095	350138100358	1210.6333		GENERAL-CASH DISCOUNTS	POLICE FIELD OPERATIONS/PATROL
		10.77	KEYS - AUCTION SQUADS		489095	350138100358	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		29.50								
34510	5/9/2025		147453 ADAM'S PEST CONTROL INC							
		6.09-	WTP SALES TAX ADJUST		488585	4080690	5325.6249		OTHER CONTRACTUAL SERVICES	WATER TREATMENT FCLTY MNTC/RPR
		6.09	WTP SALES TAX ADJUST		488585	4080690	5300.2330		DUE TO OTHER GOVERNMENT	WATER & SEWER FUND BAL SHEET
		81.09	WTP PEST CONTROL MONTHLY		488585	4080690	5325.6249		OTHER CONTRACTUAL SERVICES	WATER TREATMENT FCLTY MNTC/RPR
		18.69-	UTIL SALES TAX ADJUST		488586	4080691	5320.6249		OTHER CONTRACTUAL SERVICES	WATER WELL/BOOSTER STN MNT/RPR
		18.69	UTIL SALES TAX ADJUST		488586	4080691	5300.2330		DUE TO OTHER GOVERNMENT	WATER & SEWER FUND BAL SHEET
		248.69	PEST CONTROL WELLS & BOOSTER		488586	4080691	5320.6249		OTHER CONTRACTUAL SERVICES	WATER WELL/BOOSTER STN MNT/RPR
		329.78								
34511	5/9/2025		153995 AMAZON CAPITAL SERVICES							
		266.99	ATHMANN/ST. GEORGE BOOTS PEO		488589	19FLVGWW71C1	1200.6281		UNIFORM/CLOTHING ALLOWANCE	POLICE MANAGEMENT
		369.71	BATHROOM SUPPLIES		488574	1DCVLF9DPW4T	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		22.97	MICRO USB CHARGER (2)		488591	1DWYFLFMHC3F	1510.6229		GENERAL SUPPLIES	PW ENGINEERING & TECHNICAL
		63.85	VOLUNTEER RECEPTION		489079	1Y1D4DCLHL7L	1005.6399		OTHER CHARGES	MAYOR/CITY COUNCIL
		255.98	AUXILIARY STAND		488601	1YGKJX7R79PY	1530.6211		SMALL TOOLS & EQUIPMENT	FLEET & BUILDINGS-CMF
		979.50								
34512	5/9/2025		120405 APPLIED CONCEPTS INC							
		572.50	RADAR REPAIR		489090	456397	1210.6265		REPAIRS-EQUIPMENT	POLICE FIELD OPERATIONS/PATROL
		572.50								
34513	5/9/2025		100054 BAUER BUILT INC							
		246.90	TIRES - #420		488730	180311981	5345.6216		VEHICLES-TIRES/BATTERIES	WATER EQUIP/VEHICLE/MISC MNTC
		246.90	TIRES - #420		488730	180311981	5390.6216		VEHICLES-TIRES/BATTERIES	SWR EQUIP/VEHICLE MISC MNTC/RP
		486.82	TIRE SWAP #306 & #317		488729	518032203	1630.6265		REPAIRS-EQUIPMENT	STREET EQUIPMENT MAINTENANCE
		515.28	TIRES - #238		488728	518032320	1765.6216		VEHICLES-TIRES/BATTERIES	PARK EQUIPMENT MAINTENANCE
		1,495.90								
34514	5/9/2025		149719 BAYCOM							
		92.00	REPAIR TO GFORCE SENSOR		488596	EQUIPINV052246	1210.6265		REPAIRS-EQUIPMENT	POLICE FIELD OPERATIONS/PATROL
		92.00								
34515	5/9/2025		142897 BOLTON & MENK, INC.							
		627.50	KELLEY SURVEYING		488738	360748	2349.6235	PR230064	CONSULTANT SERVICES	KELLEY PARK

CITY OF APPLE VALLEY
Council Check Register by GL
Council Check Register by Invoice & Summary
3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34515	5/9/2025		142897 BOLTON & MENK, INC.						Continued...	
		627.50								
34516	5/9/2025		100102 COLLEGE CITY BEVERAGE							
		670.50	BEER#1	00000114	488770	1127706	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		111.75	BEER#2	00000114	488797	1127708	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		894.00	BEER#3	00000114	488818	1127709	5085.6530		BEER	LIQUOR #3 STOCK PURCHASES
		111.25	BEER#2	00000114	488798	1127838	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		384.00	LIQ#2	00000114	488799	1127839	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		100.00	THC#2	00000114	488801	1128225	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		2,538.15	BEER#2	00000114	488802	1128225	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		86.05	TAX#2	00000114	488803	1128225	5055.6540		TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		37.00	NTAX#2	00000114	488804	1128225	5055.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		1,310.80	BEER#3	00000114	488819	1128365	5085.6530		BEER	LIQUOR #3 STOCK PURCHASES
		90.65	TAX#3	00000114	488820	1128365	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		18.60	CMBEER#2	00000114	488800	1128482	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		144.60	LIQ#1	00000114	488772	1128483	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		200.00	THC/CBD#1	00000114	488773	1128484	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		7,888.50	BEER#1	00000114	488774	1128484	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		95.85	TAX#1	00000114	488775	1128484	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		43.19	CMBEER#1	00000114	488771	1128485	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		42.00	THC/CBD#1	00000114	488776	1130895	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		85.30	LIQ#1	00000114	488777	1131001	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		197.40	WINE#1	00000114	488778	1131001	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		191.40	THC/CBD#1	00000114	488779	1131002	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		3,893.60	BEER#1	00000114	488780	1131002	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		144.59	TAX#1	00000114	488781	1131002	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		64.00	NTAX#1	00000114	488782	1131002	5015.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		3,992.75	BEER#2	00000114	488805	1131003	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		57.40	TAX#2	00000114	488806	1131003	5055.6540		TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		32.93	CMLIQ#3	00000114	488821	1131148	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		104.33	CMTHC#3	00000114	488822	1131149	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		117.96	CMBEER#3	00000114	488823	1131149	5085.6530		BEER	LIQUOR #3 STOCK PURCHASES
		1,454.40	LIQ#3	00000114	488825	1131150	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		197.40	WINE#3	00000114	488826	1131150	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		460.17	CC LIQUOR		488739	1131161	2270.6429		GOLF-LIQUOR	GOLF FOOD & BEVERAGE
		381.85	CC BEER		488713	1131162	2270.6419		GOLF-BEER	GOLF FOOD & BEVERAGE
		438.80	THC#3	00000114	488827	1131167	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		2,671.00	BEER#3	00000114	488828	1131167	5085.6530		BEER	LIQUOR #3 STOCK PURCHASES
		284.00	TAX#3	00000114	488829	1131167	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		11.25	LIQ#3	00000114	488824	1131174	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES

Council Check Register by GL

Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34516	5/9/2025		100102 COLLEGE CITY BEVERAGE						Continued...	
		492.80	LIQ#1	00000114	488786	1133093	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		234.00	THC/CBD#1	00000114	488787	1133171	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		5,866.40	BEER#1	00000114	488788	1133171	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		42.40	TAX#1	00000114	488789	1133171	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		27.00	NTAX#1	00000114	488790	1133171	5015.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		601.00	THC#2	00000114	488810	1133172	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		2,368.05	BEER#2	00000114	488811	1133172	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		90.00	TAX#2	00000114	488812	1133172	5055.6540		TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		27.00	NTAX#2	00000114	488813	1133172	5055.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		200.00	THC#3	00000114	488832	1133292	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		4,546.00	BEER#3	00000114	488833	1133292	5085.6530		BEER	LIQUOR #3 STOCK PURCHASES
		313.50	TAX#3	00000114	488834	1133292	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		2.35-	CMWINE#3	00000114	488830	1133326	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1,608.20	LIQ#3	00000114	488831	1133328	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		21.60-	CMBEER#2	00000114	488807	1133368	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		9.00	LIQ#2	00000114	488808	1133370	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		197.40	WINE#2	00000114	488809	1133371	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		210.40	CC LIQUOR		488582	1133398	2270.6429		GOLF-LIQUOR	GOLF FOOD & BEVERAGE
		109.95	ARNIE		489084	1133399	2270.6421		GOLF-NON ALCOHOLIC BEVERAGES	GOLF FOOD & BEVERAGE
		697.20	CC BEER		489084	1133399	2270.6419		GOLF-BEER	GOLF FOOD & BEVERAGE
		17.54-	CMLIQ#1	00000114	488783	1133416	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		76.90-	CMBEER#1	00000114	488784	1133417	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		145.00	BEER#1	00000114	488785	1133515	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		2,489.10	WINE#1	00000114	488791	1135434	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		253.80	THC/CBD#1	00000114	488792	1135434	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		476.00	THC/CBD#1	00000114	488793	1135435	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		8,393.10	BEER#1	00000114	488794	1135435	5015.6530		BEER	LIQUOR #1 STOCK PURCHASES
		176.09	TAX#1	00000114	488795	1135435	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		64.00	NTAX#1	00000114	488796	1135435	5015.6545		NON-TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		3.40	BEER#2	00000114	488814	1135508	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		166.00	THC#2	00000114	488815	1135509	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		5,361.65	BEER#2	00000114	488816	1135509	5055.6530		BEER	LIQUOR #2 STOCK PURCHASES
		37.00	TAX#2	00000114	488817	1135509	5055.6540		TAXABLE MISC FOR RESALE	LIQUOR #2 STOCK PURCHASES
		527.55	LIQ#3	00000114	488835	1135639	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		625.00	THC#3	00000114	488836	1135640	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		4,675.00	BEER#3	00000114	488837	1135640	5085.6530		BEER	LIQUOR #3 STOCK PURCHASES
		90.40	TAX#3	00000114	488838	1135640	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		69,918.40								

Council Check Register by GL
Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34517	5/9/2025		101365 ECM PUBLISHERS INC						Continued...	
		772.20	PH - ASSESSMENT ROLL 697		489085	1044775	1015.6239		PRINTING	CITY CLERK/ELECTIONS
		247.50	PH- ASSESSMENT ROLL 697 CONT.		488605	1044776	1015.6239		PRINTING	CITY CLERK/ELECTIONS
		49.50	PH-PD975 ORDINANCE AMENDMENT		488604	1045747	1015.6239	2025151L	PRINTING	CITY CLERK/ELECTIONS
		<u>1,069.20</u>								
34518	5/9/2025		144557 EXECUTIVE OUTDOOR SERVICES LLC							
		925.00	MUNI LOT SNOW REMOVAL FEB		488723	2839	2097.6249		OTHER CONTRACTUAL SERVICES	CENTRAL VILLAGE PARKING LOT
		750.00	MUNICIPAL LOT SNOW REMOVAL MAR		488722	2881	2097.6249		OTHER CONTRACTUAL SERVICES	CENTRAL VILLAGE PARKING LOT
		<u>1,675.00</u>								
34519	5/9/2025		100217 GRAINGER, INC.							
		113.82	ASH TREE REPLACEMENT SUPPLIES		488597	9477001656	4933.6249		OTHER CONTRACTUAL SERVICES	EAB REMOVALS
		<u>113.82</u>								
34520	5/9/2025		100242 INDEPENDENT BLACK DIRT CO							
		25.44	GOLF USE TAX		488579	37260	2200.2330		DUE TO OTHER GOVERNMENT	VALLEYWOOD GOLF
		25.44	GOLF USE TAX		488579	37260	2235.6229		GENERAL SUPPLIES	GOLF COURSE MAINTENANCE
		370.00	DIRT		488579	37260	2235.6229		GENERAL SUPPLIES	GOLF COURSE MAINTENANCE
		<u>370.00</u>								
34521	5/9/2025		154177 LEAST SERVICES COUNSELING LLC							
		420.00	MENTAL HEALTH SUPPORT		488741	1670	7205.6235		CONSULTANT SERVICES	INSURANCE CLAIMS
		<u>420.00</u>								
34522	5/9/2025		154223 LIGHTNING DISPOSAL, INC.							
		316.22	YARD DUMPSTER		488742	760912	1720.6240		CLEANING SERVICE/GARBAGE REMOV	PARK GROUNDS MAINTENANCE
		316.23	YARD DUMPSTER		488742	760912	1600.6240		CLEANING SERVICE/GARBAGE REMOV	STREET MANAGEMENT
		<u>632.45</u>								
34523	5/9/2025		100849 METRO VOLLEYBALL OFFICIALS ASS							
		1,632.00	VOLLEYBALL OFFICIALS 4/1-4/15		488746	2704	1860.6249		OTHER CONTRACTUAL SERVICES	REC VOLLEYBALL
		<u>1,632.00</u>								
34524	5/9/2025		100348 MTI DISTRIBUTING CO							
		115.27	ASH TREE REPLACEMENT		488594	146878100	4933.6249		OTHER CONTRACTUAL SERVICES	EAB REMOVALS
		112.68	ASH TREE REPLACEMENT		488595	146913800	4933.6249		OTHER CONTRACTUAL SERVICES	EAB REMOVALS
		19.53	MOWER PARTS		488573	146944600	1765.6215		EQUIPMENT-PARTS	PARK EQUIPMENT MAINTENANCE
		<u>247.48</u>								
34525	5/9/2025		157610 PETERSON COUNSELING AND CONSULTING LLC							

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34525	5/9/2025		157610 PETERSON COUNSELING AND CONSULTING LLC						Continued...	
		630.00	MENTAL HEALTH SUPPORT		488747	20250430	7205.6235		CONSULTANT SERVICES	INSURANCE CLAIMS
		630.00								
34526	5/9/2025		100385 PLUNKETT'S PEST CONTROL INC							
		214.00	PEST CONTROL		488587	9112491	1920.6249		OTHER CONTRACTUAL SERVICES	SENIOR CENTER
		214.00								
34527	5/9/2025		141723 PRECISE MRM LLC							
		609.00	PLOW TRUCK GPS (29)		488750	IN2002004950	1665.6249		OTHER CONTRACTUAL SERVICES	STREET SNOW & ICE MATERIALS
		609.00								
34528	5/9/2025		100393 PUMP AND METER SERVICE INC							
		222.50	REPAIR - FUEL PUMPS		488721	1021152	1540.6266		REPAIRS-BUILDING	CMF BUILDINGS & GROUNDS MNTC
		286.62	FUEL NOZZLES AND SWIVELS		488603	4003887	1540.6216		VEHICLES-TIRES/BATTERIES	CMF BUILDINGS & GROUNDS MNTC
		509.12								
34529	5/9/2025		120496 RENT N' SAVE PORTABLE SERVICES							
		56.00	PORTABLE TOILETS		488588	82297	1715.6310		RENTAL EXPENSE	PARK ATHLETIC FIELD MAINTENANC
		56.00								
34530	5/9/2025		100042 ROTARY CLUB OF APPLE VALLEY							
		281.00	ROTARY DUES - BENETTI		488752	2754	1100.6280		DUES & SUBSCRIPTIONS	DEV MANAGEMENT
		281.00								
34531	5/9/2025		102023 SCHILLING SUPPLY CO INC							
		185.45	TREE SALE SUPPLIES		488593	100238100	1520.6229		GENERAL SUPPLIES	NATURAL RESOURCES
		185.45								
34532	5/9/2025		143628 SCHWICKERT'S TECTA AMERICA							
		510.00	BOILER NEUTRALIZER AGENT		488753	S510139155	5325.6266		REPAIRS-BUILDING	WATER TREATMENT FCLTY MNTC/RPR
		510.00								
34533	5/9/2025		100524 SOUTHERN GLAZERS WINE AND SPIRITS OF MN							
		4,527.32	LIQ#1	00050756	489035	2612823	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		64.00	TAX#1	00050756	489036	2612824	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		2,098.73	WINE#1	00050756	489049	2612825	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		1,873.08	LIQ#2	00050756	489041	2612826	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		994.44	WINE#2	00050756	489055	2612827	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		5,779.13	LIQ#3	00050756	489045	2612843	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		5,307.57	WINE#3	00050756	489060	2612844	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES

Council Check Register by GL
Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34533	5/9/2025		100524 SOUTHERN GLAZERS WINE AND SPIRITS OF MN						Continued...	
		1,600.88	LIQ#1	00050756	489037	2615499	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		104.00	TAX#1	00050756	489038	2615501	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		3,057.75	WINE#1	00050756	489050	2615502	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		1,502.25	LIQ#2	00050756	489042	2615503	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		1,596.72	WINE#2	00050756	489056	2615504	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		2,772.24	LIQ#3	00050756	489046	2615517	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		1,524.50	WINE#3	00050756	489061	2615518	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		9,497.05	LIQ#1	00050756	489039	2618347	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		2,767.18	WINE#1	00050756	489053	2618349	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		5,286.09	LIQ#2	00050756	489043	2618350	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		2,324.88	WINE#2	00050756	489059	2618351	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		8,160.53	LIQ#3	00050756	489047	2618365	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		4,183.02	WINE#3	00050756	489063	2618366	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		341.00	LIQ#1	00050756	489040	5125357	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		228.00	WINE#1	00050756	489054	5125359	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		1,062.38	LIQ#2	00050756	489044	5125361	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		1,279.47	LIQ#3	00050756	489048	5125390	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		120.00	WINE#3	00050756	489064	5125392	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		188.00	WINE#3	00050756	489065	5125582	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		66.00-	CMWINE#1	00050756	489051	9637805	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		6.00-	CMWINE#2	00050756	489057	9637806	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		6.00-	CMWINE#1	00050756	489052	9637823	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		12.00-	CMWINE#2	00050756	489058	9637824	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		54.00-	CMWINE#3	00050756	489062	9637828	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		68,096.21								
34534	5/9/2025		139811 SRF CONSULTING GROUP							
		2,250.00	ORCHARD 5TH TRAFFIC STUDY		488724	19083001	4502.6235	2025139L	CONSULTANT SERVICES	IMPROVEMENTS-ASSESSED
		2,250.00								
34535	5/9/2025		101753 SYSCO MINNESOTA, INC							
		843.29	KITCHEN FOOD		488754	547861810	2270.6420		GOLF-FOOD	GOLF FOOD & BEVERAGE
		843.29								
34536	5/9/2025		100481 TRI-STATE BOBCAT INC							
		2,000.00	EXTENDED WARRANTY #347		488756	P36036	1630.6265		REPAIRS-EQUIPMENT	STREET EQUIPMENT MAINTENANCE
		2,000.00	EXTENDED WARRANTY #346		488755	P36039	1630.6265		REPAIRS-EQUIPMENT	STREET EQUIPMENT MAINTENANCE
		4,000.00								
34537	5/9/2025		126509 WATER CONSERVATION SERVICE							

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
34537	5/9/2025		126509 WATER CONSERVATION SERVICE						Continued...	
		359.48	LEAK DETECTION FOR WM BREAK		488575	14527	5330.6249		OTHER CONTRACTUAL SERVICES	WTR MAIN/HYDRANT/CURB STOP MNT
		359.48								
325630	5/7/2025		147492 ACUSHNET COMPANY							
		3.06-	DISCOUNT		489092	920319472	2270.6423		GOLF-CASH DISCOUNT	GOLF FOOD & BEVERAGE
		102.00	FJ GLOVES		489092	920319472	2270.6415		GOLF-GLOVES	GOLF FOOD & BEVERAGE
		94.05-	DISCOUNT		489093	920332997	2260.6423		GOLF-CASH DISCOUNT	GOLF PRO SHOP MERCH SALES
		1,881.00	FOOTJOY CLOTHING		489093	920332997	2260.6413		GOLF-CAPS/HATS/CLOTHING	GOLF PRO SHOP MERCH SALES
		1,885.89								
325631	5/7/2025		142687 APPLE CHEVROLET BUICK NORTHFIELD							
		45.80	PARTS - #313		488708	103520	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		45.80								
325632	5/7/2025		154253 APPLE FORD LINCOLN							
		396.36	POLICE VEHICLE LEASE-MAY		488695	20250501	1215.6310		RENTAL EXPENSE	POLICE DETECTIVE UNIT
		391.12	PARTS - KEY AUCTION SQUADS		488598	7079761	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		4,862.20	PARTS - #338 EXHUAUST FILTER		488737	708306	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		48.80	PARTS - #946		488709	709347	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		5,698.48								
325633	5/7/2025		158552 ASPIRE ADULT VOLLEYBALL LLC							
		1,920.00	VOLLEYBALL CLINIC 3/1-4/12		489083	10	1860.6249		OTHER CONTRACTUAL SERVICES	REC VOLLEYBALL
		1,920.00								
325634	5/7/2025		149274 B & H PHOTO-VIDEO							
		144.31	FX3 ACCESSORIES		489086	233433199	2012.6211		SMALL TOOLS & EQUIPMENT	CABLE TV JOINT POWERS
		144.31								
325635	5/7/2025		100296 BREAKTHRU BEVERAGE MIN - BEER							
		127.00	BT BEER		488583	121009118	2270.6419		GOLF-BEER	GOLF FOOD & BEVERAGE
		370.50	BT BEER		488584	121012654	2270.6419		GOLF-BEER	GOLF FOOD & BEVERAGE
		497.50								
325636	5/7/2025		100152 BREAKTHRU BEVERAGE MIN WINE							
		255.10	BT LIQUOR		488581	121063162	2270.6429		GOLF-LIQUOR	GOLF FOOD & BEVERAGE
		255.10								
325637	5/7/2025		100282 CINTAS CORPORATION							
		155.75	CINTAS LINENS		488711	4228061852	2270.6240		CLEANING SERVICE/GARBAGE	GOLF FOOD & BEVERAGE

Council Check Register by GL
Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325637	5/7/2025		100282 CINTAS CORPORATION						Continued...	
		155.75								
325638	5/7/2025		163649 COOKS DIRECT							
		5,822.90	ICE MACHINE POLICE OPS		488731	N911603	4432.6740	2021172G	CAPITAL OUTLAY-MACH/EQUIP/OTHE	2024A CAPITAL PROJECTS CIP EXP
		5,822.90								
325639	5/7/2025		100510 CORE & MAIN							
		314.64	GATE VALVE COVERS (WATER)		488577	W763224	5330.6229		GENERAL SUPPLIES	WTR MAIN/HYDRANT/CURB STOP MNT
		314.64								
325640	5/7/2025		122019 CROWN RENTAL - BURNSVILLE							
		160.00	SCAFFOLDING FOR PAINTING@CMF		488714	4235915	1540.6310		RENTAL EXPENSE	CMF BUILDINGS & GROUNDS MNTC
		160.00								
325641	5/7/2025		162934 CTI							
		15,226.72	PROJECTOR FOR BANQUET ROOM		488740	PINV023380	2205.6735		CAPITAL OUTLAY-OTHER IMPROVEME	GOLF MANAGEMENT
		15,226.72								
325642	5/7/2025		101381 DODGE OF BURNSVILLE							
		54.15	PARTS - #908		488599	5199231	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		275.52	PARTS - PLUGS		488600	5199529	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		329.67								
325643	5/7/2025		163729 GARCIA, LUIS							
		150.00	REBATE		488694	20250505	5301.4910		WATER CHARGES	WATER & SEWER FUND REVENUE
		150.00								
325644	5/7/2025		102694 GERTENS							
		2,989.00	ATHLETIC FIELD SEED		489081	23561012	1715.6229		GENERAL SUPPLIES	PARK ATHLETIC FIELD MAINTENANC
		4,978.00	ASH TREE RESTORATION SEED		489081	23561012	4933.6249		OTHER CONTRACTUAL SERVICES	EAB REMOVALS
		7,967.00								
325645	5/7/2025		101328 GOVCONNECTION INC							
		8.47	COMPUTER MEMORY		489088	76390480	1030.6211		SMALL TOOLS & EQUIPMENT	INFORMATION TECHNOLOGY
		78.71	SSD DRIVE		489089	76395676	1030.6211		SMALL TOOLS & EQUIPMENT	INFORMATION TECHNOLOGY
		87.18								
325646	5/7/2025		100314 GREAT LAKES COCA-COLA DISTRIBU							
		1,479.55	COCA COLA		489091	46747055007	2270.6421		GOLF-NON ALCOHOLIC BEVERAGES	GOLF FOOD & BEVERAGE
		1,479.55								

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325646	5/7/2025		100314 GREAT LAKES COCA-COLA DISTRIBU						Continued...	
325647	5/7/2025		159119 GROUP HEALTH NON PATIENT AR							
		617.46	EAP FEBRUARY 2025		488734	7090092	9000.2115		ACCRUED MEDICAL INSURANCE	PAYROLL CLEARING BAL SHEET
		622.38	EAP MARCH 2025		488735	7093059	9000.2115		ACCRUED MEDICAL INSURANCE	PAYROLL CLEARING BAL SHEET
		619.92	EAP APRIL 2025		488736	7096030	9000.2115		ACCRUED MEDICAL INSURANCE	PAYROLL CLEARING BAL SHEET
		1,859.76								
325648	5/7/2025		108865 HERITAGE LANDSCAPE SUPPLY GROUP							
		6,956.49	CHEMICALS FOR COURSE		489114	18290539001	2235.6214		CHEMICALS	GOLF COURSE MAINTENANCE
		1,036.69	CHEMICALS FOR COURSE		489112	18290589001	2235.6214		CHEMICALS	GOLF COURSE MAINTENANCE
		373.04	CLEANER, FOAMER		489102	18290696001	2235.6229		GENERAL SUPPLIES	GOLF COURSE MAINTENANCE
		10,155.82	CHEMICALS FOR COURSE		489102	18290696001	2235.6214		CHEMICALS	GOLF COURSE MAINTENANCE
		722.48	CHEMICALS FOR COURSE		489113	18291197001	2235.6214		CHEMICALS	GOLF COURSE MAINTENANCE
		184.00			487590	20013881001	2235.6214		CHEMICALS	GOLF COURSE MAINTENANCE
		19,060.52								
325649	5/7/2025		128972 HOISINGTON KOEGLER GROUP INC							
		9,430.46	PED BIKE PLAN CONSULT SERVICES		489087	240594	1500.6235	2024112G	CONSULTANT SERVICES	PW MANAGEMENT
		9,430.46								
325650	5/7/2025		100255 JOHNSON BROTHERS LIQUOR							
		6.68	CMWINE#2	00000109	488944	130398	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		10.02	CMWINE#2	00000109	488941	130399	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		14.33	CMWINE#2	00000109	488942	130402	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		13.32	CMWINE#2	00000109	488946	130403	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		16.70	CMWINE#2	00000109	488943	130404	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		4.50	CMLIQ#2	00000109	488873	130405	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		28.00	CMWINE#2	00000109	488945	130406	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		41.23	CMLIQ#2	00000109	488874	130407	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		24.00	CMWINE#3	00000109	488958	131590	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		1,216.82	LIQ#1	00000109	488839	2770164	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		15.00	FREIGHT#1	00000109	488840	2770164	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		3,789.80	WINE#1	00000109	488922	2770165	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		54.98	FREIGHT#1	00000109	488923	2770165	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		.31	FREIGHT#1	00000109	488841	2770166	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		129.10	THC#1	00000109	488842	2770167	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		438.00	LIQ#3	00000109	488896	2770168	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		3.75	FREIGHT#3	00000109	488897	2770168	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,830.19	LIQ#1	00000109	488843	2770169	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		18.75	FREIGHT#1	00000109	488844	2770169	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325650	5/7/2025		100255 JOHNSON BROTHERS LIQUOR						Continued...	
		466.00	LIQ#2	00000109	488863	2770170	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		2.50	FREIGHT#2	00000109	488864	2770170	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		215.65	LIQ#2	00000109	488865	2770171	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		1.25	FREIGHT#2	00000109	488866	2770171	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		152.00	WINE#2	00000109	488935	2770172	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		5.00	FREIGHT#2	00000109	488936	2770172	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		192.73	WINE#3	00000109	488959	2770173	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		3.75	FREIGHT#3	00000109	488960	2770173	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,444.00	LIQ#1	00000109	488845	2770174	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		18.75	FREIGHT#1	00000109	488846	2770174	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		1,041.29	WINE#1	00000109	488924	2770175	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		26.25	FREIGHT#1	00000109	488925	2770175	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		910.50	LIQ#2	00000109	488867	2770176	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		6.25	FREIGHT#2	00000109	488868	2770176	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,253.15	WINE#2	00000109	488937	2770177	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		17.50	FREIGHT#2	00000109	488938	2770177	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		258.20	THC#2	00000109	488869	2770178	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		525.00	LIQ#2	00000109	488870	2770179	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		5.00	FREIGHT#2	00000109	488871	2770179	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		120.27	WINE#2	00000109	488939	2770180	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		2.50	FREIGHT#2	00000109	488940	2770180	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		353.55	LIQ#3	00000109	488898	2770181	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		3.75	FREIGHT#3	00000109	488899	2770181	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,627.00	WINE#3	00000109	488961	2770182	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		28.75	FREIGHT#3	00000109	488962	2770182	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,084.85	LIQ#3	00000109	488900	2770183	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		7.50	FREIGHT#3	00000109	488901	2770183	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		618.00	LIQ#3	00000109	488902	2770184	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		7.50	FREIGHT#3	00000109	488903	2770184	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		576.00	WINE#3	00000109	488963	2770185	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		7.50	FREIGHT#3	00000109	488964	2770185	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		193.65	THC#1	00000109	488926	2771530	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		193.65	THC#2	00000109	488872	2771531	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		1,280.45	LIQ#1	00000109	488847	2774392	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		10.00	FREIGHT#1	00000109	488848	2774392	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		316.20	WINE#1	00000109	488927	2774393	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		6.25	FREIGHT#1	00000109	488928	2774393	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		516.40	THC#1	00000109	488849	2774394	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		2,641.19	LIQ#1	00000109	488850	2774395	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES

Council Check Register by GL

Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325650	5/7/2025		100255 JOHNSON BROTHERS LIQUOR						Continued...	
		20.20	FREIGHT#1	00000109	488851	2774395	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		750.00	LIQ#1	00000109	488852	2774396	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		7.50	FREIGHT#1	00000109	488853	2774396	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		657.46	WINE#1	00000109	488929	2774397	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		12.50	FREIGHT#1	00000109	488930	2774397	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		172.00	LIQ#2	00000109	488875	2775059	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		2.50	FREIGHT#2	00000109	488876	2775059	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		445.00	LIQ#3	00000109	488904	2775060	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		5.00	FREIGHT#3	00000109	488905	2775060	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		198.00	LIQ#3	00000109	488906	2775061	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		1.25	FREIGHT#3	00000109	488907	2775061	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		583.40	THC#3	00000109	488908	2775062	5085.6515		THC/CBD	LIQUOR #3 STOCK PURCHASES
		1.25	FREIGHT#2	00000109	488877	2775063	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,060.66	LIQ#2	00000109	488878	2775064	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		8.95	FREIGHT#2	00000109	488879	2775064	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		378.00	LIQ#2	00000109	488880	2775065	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		6.25	FREIGHT#2	00000109	488881	2775065	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		773.85	WINE#2	00000109	488949	2775066	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		11.25	FREIGHT#2	00000109	488950	2775066	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		936.25	LIQ#3	00000109	488909	2775067	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		6.25	FREIGHT#3	00000109	488910	2775067	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		515.10	LIQ#3	00000109	488911	2775068	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		7.50	FREIGHT#3	00000109	488912	2775068	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		547.20	LIQ#3	00000109	488913	2775070	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		4.17	FREIGHT#3	00000109	488914	2775070	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		296.00	WINE#3	00000109	488965	2775071	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		7.50	FREIGHT#3	00000109	488966	2775071	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,048.80	LIQ#2	00000109	488882	2776583	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		12.50	FREIGHT#2	00000109	488883	2776583	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		308.16	WINE#2	00000109	488947	2776584	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		3.75	FREIGHT#2	00000109	488948	2776584	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		3,112.25	LIQ#1	00000109	488854	2779593	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		110.00	WINE#1	00000109	488855	2779593	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		42.50	FREIGHT#1	00000109	488856	2779593	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		889.85	WINE#1	00000109	488931	2779594	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		12.50	FREIGHT#1	00000109	488932	2779594	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		1.25	FREIGHT#1	00000109	488857	2779595	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		413.40	THC#1	00000109	488858	2779596	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		4,981.98	LIQ#1	00000109	488859	2779597	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES

Council Check Register by GL
Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325650	5/7/2025		100255 JOHNSON BROTHERS LIQUOR						Continued...	
		50.83	FREIGHT#1	00000109	488860	2779597	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		1,986.50	LIQ#1	00000109	488861	2779598	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		30.00	FREIGHT#1	00000109	488862	2779598	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		2,834.84	WINE#1	00000109	488933	2779599	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		71.25	FREIGHT#1	00000109	488934	2779599	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		846.50	LIQ#2	00000109	488886	2780332	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		7.50	FREIGHT#2	00000109	488887	2780332	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,767.50	LIQ#3	00000109	488915	2780333	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		15.42	FREIGHT#3	00000109	488916	2780333	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		745.51	WINE#2	00000109	488951	2780335	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		78.00	CMWINE#2	00000109	488952	2780335	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		17.50	FREIGHT#2	00000109	488953	2780335	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		640.00	WINE#3	00000109	488967	2780336	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		6.25	FREIGHT#3	00000109	488968	2780336	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,697.46	LIQ#2	00000109	488888	2780337	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		15.00	FREIGHT#2	00000109	488889	2780337	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		743.77	LIQ#2	00000109	488890	2780338	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		167.09	WINE#2	00000109	488891	2780338	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		12.71	FREIGHT#2	00000109	488892	2780338	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		120.00	WINE#2	00000109	488954	2780339	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		1.46	FREIGHT#2	00000109	488955	2780339	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		516.40	THC#2	00000109	488893	2780340	5055.6515		THC/CBD	LIQUOR #2 STOCK PURCHASES
		2,206.80	LIQ#2	00000109	488894	2780341	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		42.82	FREIGHT#2	00000109	488895	2780341	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		292.75	WINE#2	00000109	488956	2780342	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		5.00	FREIGHT#2	00000109	488957	2780342	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,704.16	WINE#3	00000109	488969	2780343	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		26.88	FREIGHT#3	00000109	488970	2780343	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		798.00	WINE#3	00000109	488971	2780344	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		10.00	FREIGHT#3	00000109	488972	2780344	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		3.75	FREIGHT#3	00000109	488917	2780345	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		1,992.19	LIQ#3	00000109	488918	2780346	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		17.50	FREIGHT#3	00000109	488919	2780346	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		531.50	LIQ#3	00000109	488920	2780347	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		7.50	FREIGHT#3	00000109	488921	2780347	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		2,332.22	WINE#3	00000109	488973	2780348	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		58.75	FREIGHT#3	00000109	488974	2780348	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		634.50	LIQ#2	00000109	488884	2780722	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		6.35	FREIGHT#2	00000109	488885	2780722	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325650	5/7/2025		100255 JOHNSON BROTHERS LIQUOR						Continued...	
		64,715.74								
325651	5/7/2025		152795 JULEE QUARVE-PETERSON INC							
		5,532.50	ADA CONSULT NOV 24-APR 25		489080	25027	2302.6235	PR230064	CONSULTANT SERVICES	PARKS REF - GENERAL UNASSIGNED
		5,532.50								
325652	5/7/2025		100287 LITTLE FALLS MACHINE INC							
		756.16	PARTS - #314		488732	373584	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		756.16								
325653	5/7/2025		116371 LOFFLER COMPANIES INC (CONT I							
		164.62	PRINTER TONER & MAINTENANCE		488743	5005122A	1200.6265		REPAIRS-EQUIPMENT	POLICE MANAGEMENT
		164.62								
325654	5/7/2025		145429 LUBE-TECH RELIABLE PLUS INC							
		87.12	BULK DEF FLUID		488733	3770633	1350.6212		MOTOR FUELS/OILS	FIRE VEHICLE MAINTENANCE
		87.12	BULK DEF FLUID		488733	3770633	1630.6212		MOTOR FUELS/OILS	STREET EQUIPMENT MAINTENANCE
		87.12	BULK DEF FLUID		488733	3770633	1765.6212		MOTOR FUELS/OILS	PARK EQUIPMENT MAINTENANCE
		87.12	BULK DEF FLUID		488733	3770633	5345.6212		MOTOR FUELS/OILS	WATER EQUIP/VEHICLE/MISC MNTC
		87.13	BULK DEF FLUID		488733	3770633	5390.6212		MOTOR FUELS/OILS	SWR EQUIP/VEHICLE MISC MNTC/RP
		435.61								
325655	5/7/2025		161349 MARSH & MCLENNAN AGENCY LLC							
		17,510.00	2025 AGENT FEE		488744	3078775	7205.6235		CONSULTANT SERVICES	INSURANCE CLAIMS
		17,510.00								
325656	5/7/2025		158941 MARSHBANK, DARREN							
		38.89	MEAL REIMBURSEMENT		488715	20250403	1225.6275		SCHOOLS/CONFERENCES/EXP LOCAL POLICE TRAINING	
		38.89								
325657	5/7/2025		100309 MENARDS							
		13.05	HYDRANT FLUSH HOSE TEST		488576	87794	5330.6215		EQUIPMENT-PARTS	WTR MAIN/HYDRANT/CURB STOP MNT
		.98	WATER HEATER PARTS		488710	90666	5325.6215		EQUIPMENT-PARTS	WATER TREATMENT FCLTY MNTC/RPR
		7.98	TRUCK TOOLS		488710	90666	5325.6211		SMALL TOOLS & EQUIPMENT	WATER TREATMENT FCLTY MNTC/RPR
		14.74	FAUCET REPAIR OUTLYING		488564	90968	1730.6229		GENERAL SUPPLIES	PARK BUILDING MAINTENANCE
		58.77	IRRIGATION SUPPLIES		488565	90976	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		749.40	BENCH REPAIR PROJECT		488745	90980	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		13.73	IRRIGATION PARTS		488568	91029	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		44.94	LIGHT BULBS		488566	91030	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		13.99	STRIPER		488567	91039	1715.6215		EQUIPMENT-PARTS	PARK ATHLETIC FIELD MAINTENANC

Council Check Register by GL

Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325657	5/7/2025		100309 MENARDS						Continued...	
		375.80	BENCH REPAIR LUMBER		488569	91044	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		17.98	BUCKET		488580	91045	2235.6229		GENERAL SUPPLIES	GOLF COURSE MAINTENANCE
		4.92	BOLT		488570	91157	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		46.20	TOOLS FOR FAUCET REPAIR		488571	91164	1720.6211		SMALL TOOLS & EQUIPMENT	PARK GROUNDS MAINTENANCE
		16.76	BARRELS FOR MOWERS		488572	91172	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		15.14	TREE MARKING TAPE		488563	91309	1720.6229		GENERAL SUPPLIES	PARK GROUNDS MAINTENANCE
		10.98	WATER HEATER PARTS		488578	91316	5325.6215		EQUIPMENT-PARTS	WATER TREATMENT FCLTY MNTC/RPR
		380.68	SPRING CLEAN-UP SUPPLIES CMF		488716	91615	1540.6229		GENERAL SUPPLIES	CMF BUILDINGS & GROUNDS MNTC
		1,786.04								
325658	5/7/2025		100995 NAPA AUTO PARTS							
		16.15	PARTS - #946		488719	960264	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		140.84	PARTS		488720	960397	1210.6215		EQUIPMENT-PARTS	POLICE FIELD OPERATIONS/PATROL
		13.21	PARTS		488718	960583	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		37.94	PARTS		488717	960589	1630.6215		EQUIPMENT-PARTS	STREET EQUIPMENT MAINTENANCE
		208.14								
325659	5/7/2025		101199 NCPERS MINNESOTA							
		368.00	NCPERS MAY 2025		488592	314900052025	9000.2120		ACCRUED BENEFIT LIABILITY	PAYROLL CLEARING BAL SHEET
		368.00								
325660	5/7/2025		158558 OUTDOOR CUSTOM SPORTSWEAR LLC							
		50.84	LOGO UNIFORM SHIRTS		488590	613106	5005.6281		UNIFORM/CLOTHING ALLOWANCE	LIQUOR GENERAL OPERATIONS
		50.84	LOGO UNIFORM SHIRTS		488590	613106	5065.6281		UNIFORM/CLOTHING ALLOWANCE	LIQUOR #2 OPERATIONS
		118.64	LOGO UNIFORM SHIRTS		488590	613106	5095.6281		UNIFORM/CLOTHING ALLOWANCE	LIQUOR #3 OPERATIONS
		118.64	LOGO UNIFORM SHIRTS		488590	613106	5025.6281		UNIFORM/CLOTHING ALLOWANCE	LIQUOR #1 OPERATIONS
		338.96								
325661	5/7/2025		100751 PHILLIPS WINE & SPIRITS INC							
		12.00-	CMLIQ#1	00000106	488981	547207	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		24.00-	CMWINE#3	00000106	489004	547211	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		32.39-	CMWINE#2	00000106	488994	547304	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		16.00-	CMWINE#2	00000106	488993	547305	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		16.39-	CMWINE#2	00000106	488992	547306	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		784.45	LIQ#1	00000106	489010	6961905	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		11.25	FREIGHT#1	00000106	489011	6961905	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		1,972.17	WINE#1	00000106	488975	6961906	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		43.75	FREIGHT#1	00000106	488976	6961906	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		400.00	WINE#3	00000106	488998	6961907	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		6.88	FREIGHT#3	00000106	488999	6961907	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325661	5/7/2025		100751 PHILLIPS WINE & SPIRITS INC						Continued...	
		66.00	WINE#2	00000106	488986	6961908	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		1.25	FREIGHT#2	00000106	488987	6961908	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		276.94	LIQ#2	00000106	489017	6961909	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		2.50	FREIGHT#2	00000106	489018	6961909	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,029.20	WINE#2	00000106	488988	6961910	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		28.75	FREIGHT#2	00000106	488989	6961910	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		48.15	LIQ#2	00000106	489019	6961911	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		1.25	FREIGHT#2	00000106	489020	6961911	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,835.35	LIQ#3	00000106	489025	6961912	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		21.25	FREIGHT#3	00000106	489026	6961912	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		2,059.93	WINE#3	00000106	489000	6961913	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		37.50	FREIGHT#3	00000106	489001	6961913	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		28.05	TAX#3	00000106	489027	6961914	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		1.25	FREIGHT#3	00000106	489028	6961914	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		116.00	WINE#1	00000106	488982	6963077	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		2,316.19	WINE#1	00000106	488977	6965171	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		41.05	FREIGHT#1	00000106	488978	6965171	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		960.50	WINE#1	00000106	488979	6965172	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		23.13	FREIGHT#1	00000106	488980	6965172	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		28.05	TAX#1	00000106	489012	6965173	5015.6540		TAXABLE MISC FOR RESALE	LIQUOR #1 STOCK PURCHASES
		1.25	FREIGHT#1	00000106	489013	6965173	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		483.20	LIQ#2	00000106	489021	6965776	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		8.75	FREIGHT#2	00000106	489022	6965776	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		286.10	WINE#2	00000106	488990	6965777	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		6.25	FREIGHT#2	00000106	488991	6965777	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		1,684.26	LIQ#3	00000106	489029	6965778	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		32.50	FREIGHT#3	00000106	489030	6965778	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		398.90	WINE#3	00000106	489002	6965779	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		5.00	FREIGHT#3	00000106	489003	6965779	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		170.65	TAX#3	00000106	489031	6965780	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		5.00	FREIGHT#3	00000106	489032	6965780	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		2,579.97	LIQ#1	00000106	489014	6969232	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		34.18	FREIGHT#1	00000106	489015	6969232	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		44.75	LIQ#1	00000106	488983	6969233	5015.6510		LIQUOR	LIQUOR #1 STOCK PURCHASES
		4,692.03	WINE#1	00000106	488984	6969233	5015.6520		WINE	LIQUOR #1 STOCK PURCHASES
		120.00	FREIGHT#1	00000106	488985	6969233	5015.6550		FREIGHT ON RESALE MDSE	LIQUOR #1 STOCK PURCHASES
		280.00	THC#1	00000106	489016	6969234	5015.6515		THC/CBD	LIQUOR #1 STOCK PURCHASES
		420.00	WINE#3	00000106	489005	6969928	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		6.25	FREIGHT#3	00000106	489006	6969928	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES

CITY OF APPLE VALLEY
Council Check Register by GL
Council Check Register by Invoice & Summary

5/7/2025 11:08:29

Page - 16

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325661	5/7/2025		100751 PHILLIPS WINE & SPIRITS INC						Continued...	
		1,114.23	LIQ#2	00000106	489023	6969929	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		11.06	FREIGHT#2	00000106	489024	6969929	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		179.00	LIQ#2	00000106	488995	6969930	5055.6510		LIQUOR	LIQUOR #2 STOCK PURCHASES
		1,294.31	WINE#2	00000106	488996	6969930	5055.6520		WINE	LIQUOR #2 STOCK PURCHASES
		28.13	FREIGHT#2	00000106	488997	6969930	5055.6550		FREIGHT ON RESALE MDSE	LIQUOR #2 STOCK PURCHASES
		89.50	LIQ#3	00000106	489007	6969931	5085.6510		LIQUOR	LIQUOR #3 STOCK PURCHASES
		2,804.75	WINE#3	00000106	489008	6969931	5085.6520		WINE	LIQUOR #3 STOCK PURCHASES
		92.50	FREIGHT#3	00000106	489009	6969931	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		122.00	TAX#3	00000106	489033	6969932	5085.6540		TAXABLE MISC FOR RESALE	LIQUOR #3 STOCK PURCHASES
		2.50	FREIGHT#3	00000106	489034	6969932	5085.6550		FREIGHT ON RESALE MDSE	LIQUOR #3 STOCK PURCHASES
		<u>29,037.03</u>								
325662	5/7/2025		163719 PLM LAKE AND LAND MANAGEMENT CORP							
		3,960.60	FARQUAR LAKE TREATMENT		488749	2003970	5505.6249	2025135G	OTHER CONTRACTUAL SERVICES	STORM DRAIN MNTC/RPR/SUMPS
		<u>1,057.80</u>	LONG LAKE TREATMENTS		488748	2003971	5505.6249	2025135G	OTHER CONTRACTUAL SERVICES	STORM DRAIN MNTC/RPR/SUMPS
		5,018.40								
325663	5/7/2025		101500 PREMIUM WATERS INC							
		<u>23.79</u>	WATER		488712	310770968	2215.6229		GENERAL SUPPLIES	GOLF CLUBHOUSE BUILDING
		23.79								
325664	5/7/2025		153910 ROCK HARD LANDSCAPE SUPPLY							
		<u>1,824.00</u>	EWf PLAYGROUNDS		488751	3200918	1735.6229		GENERAL SUPPLIES	PARK PLAY EQUIPMENT MAINTENANC
		1,824.00								
325665	5/7/2025		161478 TINYMOBILEROBOTS US LLC							
		<u>1,990.00</u>	ROBOT STRIPER MAINT AGMT		488725	4190	1780.6280		DUES & SUBSCRIPTIONS	PARK HIGH SCHOOL #4 FIELDS
		1,990.00								
325666	5/7/2025		116763 TWIN CITY SEED CO							
		<u>1,590.00</u>	SEED STARTER FOR RESTORATION		489082	200801	4933.6249		OTHER CONTRACTUAL SERVICES	EAB REMOVALS
		1,590.00								
325667	5/7/2025		100493 VALLEY BUICK GMC INC							
		5,044.50	CLAIM #CA422937 VIN# 87956		488727	100933	7205.6399		OTHER CHARGES	INSURANCE CLAIMS
		<u>3,918.33</u>	CLAIM #CA422937 POLICE 919		488726	100934	7205.6399		OTHER CHARGES	INSURANCE CLAIMS
		8,962.83								
325668	5/7/2025		161145 VALLEY SALES INC							
		17.38	PARTS - # 413		488602	17817	5345.6215		EQUIPMENT-PARTS	WATER EQUIP/VEHICLE/MISC MNTC

Council Check Register by GL
Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
325668	5/7/2025		161145 VALLEY SALES INC						Continued...	
		17.39	PARTS - # 413		488602	17817	5390.6215		EQUIPMENT-PARTS	SWR EQUIP/VEHICLE MISC MNTC/RP
		34.77								
20250351	3/13/2025		100319 CENTERPOINT ENERGY							
		6,033.35	CH GAS FEB		488653	110055563FEB25	1060.6256		UTILITIES-NATURAL GAS	MUNICIPAL BLDG & GROUNDS MNTC
		5,299.31	IA1 GAS FEB		488624	110060944FEB25	5210.6256		UTILITIES-NATURAL GAS	ARENA 1 BUILDING MAINTENANCE
		6,301.18	CMF GAS FEB		488625	110061900FEB25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		33.66	EDA GAS FEB		488658	137470969FEB25	3212.6256		UTILITIES-NATURAL GAS	EDA OPERATION
		91.99	DELANEY PK GAS FEB		488626	55372148FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		537.07	FIRE STA 3 GAS FEB		488628	55533657FEB25	1340.6256		UTILITIES-NATURAL GAS	FIRE BLDG & GROUNDS MNTC
		529.09	LIQ 2 GAS FEB		488629	55533673FEB25	5065.6256		UTILITIES-NATURAL GAS	LIQUOR #2 OPERATIONS
		353.86	VALLEY MID PK GAS FEB		488630	55611420FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		297.32	REDWOOD PK GAS FEB		488627	55612972FEB25	1930.6256		UTILITIES-NATURAL GAS	REDWOOD CC
		191.77	WELL 2 GAS FEB		488638	55675664FEB25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		5,057.29	AVCC GAS FEB		488631	55686299FEB25	1900.6256		UTILITIES-NATURAL GAS	AV COMMUNITY CENTER
		1,647.46	OLD CH GAS FEB		488652	55710289FEB25	2092.6256		UTILITIES-NATURAL GAS	EDUCATION BUILDING FUND
		1,695.44	CMF STRG BLD 2 GAS FEB		488632	55793483FEB25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		153.93	GALAXIE PK GAS FEB		488656	55848238FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		144.72	AV EAST PK GAS FEB		488633	55851521FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		309.63	WELL 5 GAS FEB		488634	55851562FEB25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		291.72	WELL 4 GAS FEB		488635	55851604FEB25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		3,002.53	WTP GAS FEB		488636	55877872FEB25	5325.6256		UTILITIES-NATURAL GAS	WATER TREATMENT FCLTY MNTC/RPR
		213.74	WELL 1 GAS FEB		488637	55887046FEB25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		2,153.05	FIRE STA 1 GAS FEB		488639	55888184FEB25	1340.6256		UTILITIES-NATURAL GAS	FIRE BLDG & GROUNDS MNTC
		5,301.93	IA 2 GAS FEB		488640	55978928FEB25	5265.6256		UTILITIES-NATURAL GAS	ARENA 2 BLDG MAINTENANCE-HAYES
		3,540.08	CMF STRG BLD 1 GAS FEB		488641	56034416FEB25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		156.27	HAGEMEISTER PK GAS FEB		488642	56100324FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		1,307.89	LIQ 1 GAS FEB		488643	56265598FEB25	5025.6256		UTILITIES-NATURAL GAS	LIQUOR #1 OPERATIONS
		409.75	JC ACTIVITY CTR GAS FEB		488645	56281637FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		2,586.62	AQUATIC CTR GAS FEB		488644	56284078FEB25	1940.6256		UTILITIES-NATURAL GAS	AQUATIC SWIM CENTER
		109.81	HUNTINGTON PK GAS FEB		488646	56346620FEB25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		1,258.37	CMF STRG BLD 3 GAS FEB		488647	56696487FEB25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		22.43	460 REFLECTION RD GAS FEB		488648	75761361FEB25	5380.6256		UTILITIES-NATURAL GAS	SEWER LIFT STN REPAIR & MNTC
		618.51	SWIM PK GAS FEB		488650	79512695FEB25	1940.6256		UTILITIES-NATURAL GAS	AQUATIC SWIM CENTER
		1,092.51	HCSC GAS FEB		488651	79615332FEB25	1920.6256		UTILITIES-NATURAL GAS	SENIOR CENTER
		41.63	UTIL SAN LIFT 2 GEN GAS FEB		488655	91747147FEB25	5380.6256		UTILITIES-NATURAL GAS	SEWER LIFT STN REPAIR & MNTC
		3,596.34	GOLF GAS FEB		488657	96338967FEB25	2215.6256		UTILITIES-NATURAL GAS	GOLF CLUBHOUSE BUILDING
		54,380.25								
20250437	4/25/2025		157977 WEX HEALTH INC							

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250437	4/25/2025		157977 WEX HEALTH INC						Continued...	
		321.75	HSA MONTHLY		488623	2140088IN	7205.6235		CONSULTANT SERVICES	INSURANCE CLAIMS
		322.50	BENEFITS SOLUTION		488623	2140088IN	7205.6235		CONSULTANT SERVICES	INSURANCE CLAIMS
		644.25								
20250438	4/7/2025		100873 HEALTHPARTNERS (DENTAL CLAIMS							
		5,167.18	DENTAL CLAIMS 3/27-4/2/25		488622	20250402	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		5,167.18								
20250439	4/14/2025		100873 HEALTHPARTNERS (DENTAL CLAIMS							
		3,468.59	DENTAL CLAIMS 4/3-4/9/25		488621	20250409	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		3,468.59								
20250440	4/21/2025		100873 HEALTHPARTNERS (DENTAL CLAIMS							
		4,802.47	DENTAL CLAIMS 4/10-4/16/25		488620	20250416	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		4,802.47								
20250441	4/28/2025		100873 HEALTHPARTNERS (DENTAL CLAIMS							
		2,168.18	DENTAL CLAIMS 4/17-4/23/25		488619	20250423	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		2,168.18								
20250442	4/29/2025		142866 HEALTHPARTNERS							
		6.56-	M CORDOVA CANCEL DENTAL		488618	374975460868	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		6.56	S HOVDA NEW HIRE DENTAL APRIL		488618	374975460868	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		6.56	J HAEFNER NEW HIRE DENTAL APRIL		488618	374975460868	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		1,548.16	DENTAL		488618	374975460868	7105.6146		DENTAL INSURANCE	INSURANCE TRUST DENTAL
		1,097.00-	M CORDOVA CANCEL MEDICAL		488618	374975460868	9000.2115		ACCRUED MEDICAL INSURANCE	PAYROLL CLEARING BAL SHEET
		979.00	S HOVDA NEW HIRE MEDICAL APRIL		488618	374975460868	9000.2115		ACCRUED MEDICAL INSURANCE	PAYROLL CLEARING BAL SHEET
		299,243.50	MEDICAL		488618	374975460868	9000.2115		ACCRUED MEDICAL INSURANCE	PAYROLL CLEARING BAL SHEET
		300,680.22								
20250443	4/14/2025		100319 CENTERPOINT ENERGY							
		90.73	SWIM GAS MAR		488689	110055472MAR25	1940.6256		UTILITIES-NATURAL GAS	AQUATIC SWIM CENTER
		5,055.34	CH GAS MAR		488688	110055563MAR25	1060.6256		UTILITIES-NATURAL GAS	MUNICIPAL BLDG & GROUNDS MNTC
		4,793.19	IA1 GAS MAR		488659	110060944MAR25	5210.6256		UTILITIES-NATURAL GAS	ARENA 1 BUILDING MAINTENANCE
		4,987.89	CMF GAS MAR		488660	110061900MAR25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		36.04	EDA GAS MAR		488693	137470969MAR25	3212.6256		UTILITIES-NATURAL GAS	EDA OPERATION
		70.88	DELANEY PK GAS MAR		488661	55372148MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		402.92	FIRE STA 3 GAS MAR		488663	55533657MAR25	1340.6256		UTILITIES-NATURAL GAS	FIRE BLDG & GROUNDS MNTC
		436.06	LIQ 2 GAS MAR		488664	55533673MAR25	5065.6256		UTILITIES-NATURAL GAS	LIQUOR #2 OPERATIONS
		289.14	VALLEY MID PK GAS MAR		488665	55611420MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250443	4/14/2025		100319 CENTERPOINT ENERGY						Continued...	
		33.34	REDWOOD PK GAS MAR		488662	55612972MAR25	1930.6256		UTILITIES-NATURAL GAS	REDWOOD CC
		98.09	WELL 2 GAS MAR		488673	55675664MAR25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		3,571.98	AVCC GAS MAR		488666	55686299MAR25	1900.6256		UTILITIES-NATURAL GAS	AV COMMUNITY CENTER
		1,465.01	OLD CH GAS MAR		488687	55710289MAR25	2092.6256		UTILITIES-NATURAL GAS	EDUCATION BUILDING FUND
		1,524.78	CMF STRG BLD 2 GAS MAR		488667	55793483MAR25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		108.44	GALAXIE PK GAS MAR		488691	55848238MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		92.04	AV EAST PK GAS MAR		488668	55851521MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		287.19	WELL 5 GAS MAR		488669	55851562MAR25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		229.30	WELL 4 GAS MAR		488670	55851604MAR25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		2,449.09	WTP GAS MAR		488671	55877872MAR25	5325.6256		UTILITIES-NATURAL GAS	WATER TREATMENT FCLTY MNTC/RPR
		228.13	WELL 1 GAS MAR		488672	55887046MAR25	5320.6256		UTILITIES-NATURAL GAS	WATER WELL/BOOSTER STN MNT/RPR
		1,385.02	FIRE STA 1 GAS MAR		488674	55888184MAR25	1340.6256		UTILITIES-NATURAL GAS	FIRE BLDG & GROUNDS MNTC
		4,721.86	IA 2 GAS MAR		488675	55978928MAR25	5265.6256		UTILITIES-NATURAL GAS	ARENA 2 BLDG MAINTENANCE-HAYES
		3,113.20	CMF STRG BLD 1 GAS MAR		488676	56034416MAR25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		120.17	HAGEMEISTER PK GAS MAR		488677	56100324MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		1,076.43	LIQ 1 GAS MAR		488678	56265598MAR25	5025.6256		UTILITIES-NATURAL GAS	LIQUOR #1 OPERATIONS
		305.57	JC ACTIVITY CTR GAS MAR		488680	56281637MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		2,577.26	AQUATIC CTR GAS MAR		488679	56284078MAR25	1940.6256		UTILITIES-NATURAL GAS	AQUATIC SWIM CENTER
		106.09	HUNTINGTON PK GAS MAR		488681	56346620MAR25	1730.6256		UTILITIES-NATURAL GAS	PARK BUILDING MAINTENANCE
		1,110.44	CMF STRG BLD 3 GAS MAR		488682	56696487MAR25	1540.6256		UTILITIES-NATURAL GAS	CMF BUILDINGS & GROUNDS MNTC
		26.31	460 REFLECTION RD GAS MAR		488683	75761361MAR25	5380.6256		UTILITIES-NATURAL GAS	SEWER LIFT STN REPAIR & MNTC
		89.52	SWIM UNIT D GAS MAR		488684	78955218MAR25	1940.6256		UTILITIES-NATURAL GAS	AQUATIC SWIM CENTER
		501.52	SWIM PK GAS MAR		488685	79512695MAR25	1940.6256		UTILITIES-NATURAL GAS	AQUATIC SWIM CENTER
		905.01	HCSC GAS MAR		488686	79615332MAR25	1920.6256		UTILITIES-NATURAL GAS	SENIOR CENTER
		45.07	UTIL SAN LIFT 2 GEN GAS MAR		488690	91747147MAR25	5380.6256		UTILITIES-NATURAL GAS	SEWER LIFT STN REPAIR & MNTC
		3,027.45	GOLF GAS MAR		488692	96338967MAR25	2215.6256		UTILITIES-NATURAL GAS	GOLF CLUBHOUSE BUILDING
		45,360.50								
20250502	5/6/2025		100769 FRONTIER COMMUNICATIONS OF MN							
		16.50	POL INTOXILIZER		488767	6511010654APR25	1250.6237		TELEPHONE/PAGERS	POLICE FACILITY
		66.00	UTIL STRM SWR ALARMS		488766	6511973405APR25	5505.6249		OTHER CONTRACTUAL SERVICES	STORM DRAIN MNTC/RPR/SUMPS
		33.00	CMF RADIO LINE		488765	6511974039APR25	1540.6237		TELEPHONE/PAGERS	CMF BUILDINGS & GROUNDS MNTC
		234.62	UTIL WTP PHONES		488764	9524315081APR25	5325.6237		TELEPHONE/PAGERS	WATER TREATMENT FCLTY MNTC/RPR
		143.94	PK JCRP PHONES		488763	9529532349APR25	1730.6237		TELEPHONE/PAGERS	PARK BUILDING MAINTENANCE
		267.72	UTIL MNTC PHONE		488761	9529532355APR25	5305.6237		TELEPHONE/PAGERS	WATER MGMT/REPORT/DATA ENTRY
		105.19	IA2 PHONES		488760	9529532363APR25	5265.6237		TELEPHONE/PAGERS	ARENA 2 BLDG MAINTENANCE-HAYES
		75.65	IA1 PHONES		488759	9529532368APR25	5210.6237		TELEPHONE/PAGERS	ARENA 1 BUILDING MAINTENANCE
		1,455.33	PHONE SYSTEM PRI LINES		488768	9529532500APR25	1030.6237		TELEPHONE/PAGERS	INFORMATION TECHNOLOGY
		178.74	CH GENERATOR/HVAC MODEM		488757	9529532734APR25	1060.6237		TELEPHONE/PAGERS	MUNICIPAL BLDG & GROUNDS MNTC
		514.41	SWIM CHLORINE MONITOR		488769	9529532913APR25	1940.6237		TELEPHONE/PAGERS	AQUATIC SWIM CENTER

Council Check Register by GL

Council Check Register by Invoice & Summary

3/13/2025 -- 5/9/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
20250502	5/6/2025		100769 FRONTIER COMMUNICATIONS OF MN						Continued...	
		3,091.10								
		791,338.03	Grand Total							

Payment Instrument Totals

Checks	212,826.71
EFT Payments	419,762.74
A/P ACH Payment	158,748.58
Total Payments	791,338.03 ✓


 5/7/25
 JR 5/7/2025

<u>Company</u>	<u>Amount</u>
01000 GENERAL FUND	100,896.50
02010 CABLE TV RESERVE FUND	144.31
02090 PARTNERS IN EDUCATION	3,112.47
02095 CENTRAL VILLAGE PARKING LOT	1,675.00
02200 VALLEYWOOD GOLF FUND	48,299.45
02300 PARKS REFERENDUM FUND	6,160.00
03210 EDA OPERATIONS FUND	69.70
04430 2024A CAPITAL PROJECT CIP FUND	5,822.90
04500 CONSTRUCTION PROJECTS	2,250.00
04930 FUTURE CAPITAL PROJECTS	6,909.77
05000 LIQUOR FUND	233,596.24
05200 ARENA FUND	20,297.13
05300 WATER & SEWER FUND	10,338.68
05500 STORM DRAINAGE UTILITY FUND	5,084.40
07100 INSURANCE TRUST DENTAL FUND	17,161.14
07200 RISK MANAGEMENT/INSURANCE FUND	28,167.08
09000 PAYROLL CLEARING FUND	301,353.26
Report Totals	<u>791,338.03</u> ✓



ITEM:
COUNCIL MEETING DATE:
SECTION:

4.R.
May 22, 2025
Consent Agenda

Description: Approve Personnel Report	
Staff Contact: Jamie Haefner, Human Resources Manager	Department / Division: Administration/Human Resources

Action Requested:
Approve Personnel Report

Summary:
The employment actions attached to this memo are recommended for City Council approval.

Background:
The City Council's approval of the Personnel Report includes the ratification of the City Administrator's actions in carrying out the terms and conditions of the employment of the City personnel.

Budget Impact:
Budgeted positions.

Attachments:

1. Personnel Report 05-22-2025

EMPLOYMENT ACTIONS

The following employment actions are recommended for City Council approval:

First Name	Last Name	Action	Position	Status	Dept.	Base Pay Rate	Pay Type	Pay Scale	Date (on or about)
Sam	Bolger	Rehire	Seasonal Maintenance I	Casual, Seasonal	1710	\$ 19.35	Hourly	SMI	6/10/2025
Ella	Brustad	Rehire	Facility Attendant	Casual, Seasonal	1940	\$ 14.80	Hourly	C-01	6/10/2025
Madalynne	Cameron	Hire	Associate Community Service Officer	Casual, Variable Hour	1200	\$ 19.15	Hourly	C-06	6/4/2025
Kevin	Curtis	Termination	Video Operator	Casual, Variable Hour	2012				5/8/2025
Dylan	Danh	Rehire	Lifeguard I	Casual, Seasonal	1940	\$ 18.15	Hourly	C-05	6/10/2025
Quinn	Ewald	Rehire	Seasonal Maintenance I	Casual, Seasonal	1710	\$ 19.35	Hourly	SMI	6/10/2025
Ada	Gerhardt	Hire	Lifeguard I	Casual, Seasonal	1940	\$ 17.40	Hourly	C-05	6/10/2025
Charlie	Graupmann	Hire	Seasonal Maintenance I	Casual, Seasonal	2205	\$ 18.75	Hourly	SMI	5/15/2025
Mary	Klein	Accept Resignation	Division/Department Specialist	Full-Time, Regular	1013				7/7/2025
Tatum	Knight	Hire	Lifeguard I	Casual, Seasonal	1940	\$ 17.40	Hourly	C-05	6/10/2025
Alexis	Lee	Rehire	Facility Attendant	Casual, Seasonal	1940	\$ 15.05	Hourly	C-01	6/10/2025
Forest	Menter	Hire	Lifeguard I	Casual, Seasonal	1940	\$ 17.65	Hourly	C-05	6/10/2025
Jared	Mickelson	Rehire	Seasonal Maintenance I	Casual, Seasonal	1600	\$ 19.95	Hourly	SMI	6/10/2025
Charlie	Peterson	Rehire	Water Safety Instructor	Casual, Seasonal	1940	\$ 19.15	Hourly	C-06	6/10/2025
Charlie	Rhoades	Rehire	Water Safety Instructor	Casual, Seasonal	1940	\$ 19.15	Hourly	C-06	6/10/2025
Maisie	Sadlak	Rehire	Lifeguard I	Casual, Seasonal	1940	\$ 17.90	Hourly	C-05	6/10/2025
Sydney	Sadlak	Rehire	Lifeguard I	Casual, Seasonal	1940	\$ 17.90	Hourly	C-05	6/10/2025
Annie	Schoen	Hire	Lifeguard I	Casual, Seasonal	1940	\$ 17.65	Hourly	C-05	6/10/2025
Mia	Sorensen	Hire	Professional Intern	Casual, Seasonal	1800	\$ 19.15	Hourly	C-06	6/10/2025
Sophie	Stanczak	Rehire	Lifeguard I	Casual, Seasonal	1940	\$ 17.90	Hourly	C-05	6/10/2025

The Council's approval of the Personnel Report includes the ratification of the City Administrator's actions in carrying out the terms and conditions of the employment of the City personnel.



ITEM:
COUNCIL MEETING DATE:
SECTION:

5.A.
May 22, 2025
Regular Agenda

Description:

Music in Kelley Park

1. Proclaim "Music in Kelley Park" on June 20 and 27; July 11, 18, and 25; August 1, 8, 15, and 22; and September 6 and 13, 2025, and declare it a community festival

Staff Contact:

Eric Carlson, Parks and Recreation Director

Department / Division:

Parks and Recreation

Action Requested:

Proclaim "Music in Kelley Park" on June 20 and 27; July 11, 18, and 25; August 1, 8, 15, and 22; and September 6 and 13, 2025, and declare it a community festival

Summary:

The Apple Valley Arts Foundation has offered to provide a music series on Friday evenings, June 20 and 27; July 11, 18, and 25; and August 1, 8, 15, and 22, 2025, from 6:30–8:30 p.m., and Saturday afternoons, September 6 (from 1:30–3:30 p.m.) and 13, 2025, from noon–6:30 p.m. The June, July, and August concerts will take place at Kelley Park, and the September concerts will be moved to Quarry Point Park due to construction at Kelley Park. The proclamation declares the music series a community festival and encourages the citizens of Apple Valley to support and attend these free music events. As in the past, there will be various vendors selling food and beverages.

Background:

The Apple Valley Arts Foundation has offered a music series at Kelley Park for several years, and we thank them for their ongoing support of the arts within the community. This year's concert lineup includes:

June 20	Salsa del Soul
June 27	J.D. Steele & MacPhail Community Youth Mill City Choir
July 11	Alex Rossi Band
July 18	Power of Ten
July 25	Mick Sterling Presents Elton Songs: The Vintage Hits & Deep Tracks of Elton John, 1970–1976
August 1	Patty Peterson and Friends
August 8	Lonesome Losers

August 15	Michael Monroe
August 22	Riverside Hitmen
September 6	Five Speed Custom feat. Ed Kearney (1:30–3:30 p.m.) HELD AT QUARRY POINT PARK (15725 Pilot Knob Road)
September 13	Alligation (noon–1:30 p.m.) Kids Dance DJ (1:30–3 p.m.) Twins of Franklin (3:30–6:30 p.m.) ALL HELD AT QUARRY POINT PARK (15725 Pilot Knob Road) in conjunction with the Fall Food Truck Festival

Budget Impact:

Sponsorship and in-kind staff support costs total approximately \$5,000.

Attachments:

1. Proclamation
2. Presentation

CITY OF APPLE VALLEY
PROCLAMATION

WHEREAS, the City of Apple Valley is proud to provide cultural experiences for its residents; and

WHEREAS, the Apple Valley Arts Foundation has offered to provide a music series on summer evenings June 20 and 27; July 11, 18, and 25; and August 1, 8, 15, and 22, 2025, from 6:30 p.m. to 8:30 p.m. at Kelley Park and on autumn afternoons September 6 from 1:30 to 3:30 p.m. and September 13, 2025, from noon to 6:30 p.m. at Quarry Point Park; and

WHEREAS, the Apple Valley Arts Foundation, residents, civic organizations, business community, and the Parks and Recreation Department have joined together to develop this free music celebration.

NOW, THEREFORE BE IT RESOLVED, by the City Council of Apple Valley, Dakota County, Minnesota, that said dates in June, July, August, and September 2025, are hereby proclaimed to be:

“MUSIC IN KELLEY PARK”

The Council further declares this music series a community festival and encourages the citizens of Apple Valley to support and attend these music events.

PROCLAIMED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

2025 Apple Valley Arts Foundation Summer & Fall Concert Series

*Brought to you by The Apple Valley
Arts Foundation in cooperation with
the City of Apple Valley*



FREE ADMISSION!

**Food and beverages
available for purchase**

FREE prize drawings
(must be present to win)



Kelley Park

6855 Fortino St.

2025 Summer Concerts

Fridays, 6:30–8:30 p.m.

June 20	Salsa Del Soul
June 27	JD Steele/MacPhail Youth Choir/Mill City Choir
July 11	Alex Rossi
July 18	Power of Ten
July 25	Mick Sterling Presents Elton's Songs
Aug. 1	Patty Peterson and Friends
Aug. 8	Lonesome Losers
Aug. 15	Michael Monroe and Special Guest
Aug. 22	Riverside Hitmen



Quarry Point Park

15725 Pilot Knob Rd.

2025 Fall Concerts

Saturdays

Sept. 6	Five Speed Custom	1:30-3:30 p.m.
Sept. 13	Alligations	Noon-1:30 p.m.
<i>Fall Food Truck Festival</i>	Kid's Dance DJ	1:30-3 p.m.
	Twins of Franklin	3:30-6:30 p.m.

Concert Series Sponsors



Platinum Sponsors: THINK BANK
Bogarts Entertainment Center

Gold Sponsors: GF+, Uponsor
American Legion Post 1776
Nicole Junker eXp Realty

Silver Sponsors: Wings Financial
Dakota Electric
Valley Bike & Ski
3SDesign

Concert Series

Food Vendors

California Dip and Eat

Los Tortillas

KCM Egg Rolls

Pizza Karma

Ray Turner BBQ

Rita's Italian Ice





Ride with Minnesota Valley Transit Authority to Music in Kelley Park - Friday evenings, June 20 - August 22. MVRTA Connect & fixed routes are available to get you to the music!



Main Zone Hours

7 Days/Week
6 AM - 9 PM
3-Hour Advance
Booking Window



\$3 One-way



ROUTE 420

An east-west local route that provides Monday through Friday service between Apple Valley and the Rosemount Transit Station. It provides access to food, entertainment, shopping, and recreation options.

Closest stop:

Galaxie Ave at 153 St NW corner



ROUTE 440

A North-South local route traveling weekdays between Apple Valley and the Cedar Grove Transit Station. The route offers dining, entertainment, shopping, and recreation options.

Closest stop:

Garrett Ave at 153 St NE corner



*Brought to you by The Apple Valley
Arts Foundation in cooperation with
the City of Apple Valley*



2025 Music in Kelley Park & Quarry Point Park Concert Series



ITEM:
COUNCIL MEETING DATE:
SECTION:

5.B.
May 22, 2025
Regular Agenda

Description:

National Poppy Day and Month

1. Proclaim May 23, 2025, as "National Poppy Day" and May 2025 as "Poppy Month"

Staff Contact:

Christina Scipioni, City Clerk

Department / Division:

Administration/City Clerk's Office

Action Requested:

Proclaim May 23, 2025, as "National Poppy Day" and May 2025 as "Poppy Month"

Summary:

Attached is a proclamation proclaiming May 23, 2025, as "National Poppy Day" and May 2025 as "Poppy Month" in the City of Apple Valley. The proclamation recognizes those who have answered the call to arms and have died on the fields of battle, and invites citizens to wear the Memorial Poppy as a tribute to those who have paid the ultimate sacrifice in the name of freedom.

Councilmember Grendahl is the sponsor of this proclamation.

Background:

N/A

Budget Impact:

N/A

Attachments:

1. Proclamation

CITY OF APPLE VALLEY
PROCLAMATION

WHEREAS, America is the land of freedom, preserved and protected willingly and freely by its citizens and soldiers; and

WHEREAS, millions, who have answered the call to arms, have died on the fields of battle; and

WHEREAS, a nation and its citizens must be reminded of the price of war and the debt it owes to those who have died in war; and

WHEREAS, the red poppy has been designated as a symbol of the sacrifice of lives in all wars; and

WHEREAS, the American Legion Auxiliary has pledged to remind Americans, annually, of the debt owed through the distribution of the memorial flower.

NOW, THEREFORE, the City Council of the City of Apple Valley, Dakota County, Minnesota, hereby proclaims May 2025 as “Poppy Month” and the 23rd of May, 2025, as:

“NATIONAL POPPY DAY”

and asks that all citizens wear the Memorial Poppy on these days to pay tribute to those who have made the ultimate sacrifice in the name of freedom.

PROCLAIMED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk



ITEM:
COUNCIL MEETING DATE:
SECTION:

5.C.
May 22, 2025
Regular Agenda

Description:

Memorial Day

1. Proclaim May 26, 2025, as "Memorial Day"

Staff Contact:

Christina Scipioni, City Clerk

Department / Division:

Administration/City Clerk's Office

Action Requested:

Proclaim May 26, 2025, as "Memorial Day"

Summary:

Attached is a proclamation recognizing the Federal Proclamation declaring May 26, 2025, as Memorial Day and inviting citizens to set the day aside as a day of remembrance for those who were casualties and injured in the various wars and police actions of the United States.

Mayor Hooppaw is the sponsor of this proclamation.

Background:

N/A

Budget Impact:

N/A

Attachments:

1. Proclamation

CITY OF APPLE VALLEY
PROCLAMATION

WHEREAS, Memorial Day has been observed in the United States since General Logan, of the Grand Army of the Republic, issued General Order No. 11 on May 5, 1868, setting aside May 30, 1868, for the purpose of strewing flowers or otherwise decorating the graves of soldiers, of the Federal and Confederate troops, who lost their lives in the Civil War that raged from 1861 to 1865; and

WHEREAS, Memorial Day is a time to remember and honor the men and women in uniform, in time of war, who died for the freedoms of United States citizens and others around the world and deserve graves and memories, decorated with the gratitude of a grateful Nation; and

WHEREAS, since the year 2000 our Nation was called to reclaim Memorial Day as the sacred and noble event that the day is intended to be, we invite everyone to take a full minute on Memorial Day at 3:00 p.m. to pause and remember all the men and women who died in service to our country as a National Moment of Silence.

NOW, THEREFORE, the City Council of the City of Apple Valley, Dakota County, Minnesota, hereby acknowledges the Federal Proclamation of May 26, 2025, as:

“MEMORIAL DAY”

and asks that all citizens set aside May 26, 2025, as a day of remembrance; and invites all citizens to attend the memorial ceremony scheduled for 8:00 a.m. at Lebanon Cemetery or 10:00 a.m., at the Apple Valley American Legion Post 1776.

FURTHER, citizens are reminded that flag etiquette provides that all flags be flown at half-staff, until 12:00 noon, in a special salute to the sacrifice of the casualties and injured in the various wars and police actions.

PROCLAIMED this 22nd day of May, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk



ITEM:
COUNCIL MEETING DATE:
SECTION:

5.D.
May 22, 2025
Regular Agenda

Description:

Planned Development No. 975 (PD-975) Impervious Surface Amendment

1. Pass Ordinance amending Article 32, Planned Development No. 975 of the City Code by amending impervious surface requirements (*Recommend waiving second reading*)

Staff Contact:

Sydnee Stroeing, Associate Planner

Department / Division:

Community Development

Action Requested:

1. Pass Ordinance amending Article 32, Planned Development No. 975 of the City Code by amending impervious surface requirements (*Recommend waiving second reading*)

Summary:

Erik and Amy Edstrom (applicant) of 6085 158th Court West, have requested a zoning code text amendment to "PD-975", Zone 1 (Planned Development No. 975). The request is to consider amending the impervious surface coverage requirements for lots that are 9,999 sq. ft. or less in area to allow an additional 10% impervious surface coverage if an on-site stormwater management facility is approved and utilized to mitigate the additional impervious surface.

The applicant's property is within PD-975, Zone 1 with a lot size of 9,186 sq. ft. The maximum impervious surface coverage in PD-975, Zone 1 for all lots is 35%. The applicant would like to install an inground pool, which would increase the impervious surface coverage of their property to 45%. This would not be allowed unless the PD ordinance was amended. The applicant is also working with the Natural Resources Department to apply for a residential stormwater mitigation facility application and shows that the additional 10% of impervious surface caused by the pool would be mitigated by an on-site rain garden. If the requested PD amendment is approved, the residential stormwater mitigation facility application and corresponding maintenance agreement would be processed and approved by the Natural Resources Department.

A public hearing for the requested amendment was held at the May 7, 2025, Planning Commission meeting. All public comments received have been in support of the amendment. The Planning Commission had no comments or concerns and recommended approval of the amendment as drafted by a 4-0 vote.

Background:

PD-975, Zone 1 consists of single-family properties ranging in lot area from approximately 20,000 sq. ft. to 8,450 sq. ft. Zone 2 consists of public stormwater ponding areas. The maximum impervious surface coverage for all lots in Zone 1, regardless of lot size, is 35%. This is more restrictive than what is required for impervious surface coverage requirements for properties within standard single-family zoning districts (R-1, R-2, R-3) as shown on the table below:

<i>Lot Size¹</i>	<i>Maximum Impervious Coverage Allowed</i>
10,000 sq. ft. or greater	35%
9,999 sq. ft. - 7,500 sq. ft.	40%
7,499 sq. ft. - 6,000 sq. ft.	45%
Less than 6,000 sq. ft.	50%

Table from Section 155.350(C)

Standard impervious surface coverage requirements are broken down by lot size. This allows for proportionate amount of impervious surface coverage based on the lot area. Additionally, Section 155.350 (Drainage Requirements) states that maximum impervious surface area allowed may be increased up to an additional 5% upon a showing of circumstances supporting good cause for additional impervious surface area upon the installation of a city approved on-site stormwater management facility. This means that any lot within the standard residential zoning districts would be allowed an additional 5% impervious surface coverage above the maximum if on-site stormwater management is utilized and approved by the City through an application process. Lastly, Section 155.350 also details that PDs are subject to the maximum impervious coverage as shown in the above table unless specifically addressed within the individual PD requirements. PD-975 specifically addresses impervious surface coverage so properties within this PD are not subject to the table above.

As noted above, PD-975 limits all lots to 35% impervious surface coverage. The ordinance as drafted would allow for lots 9,999 sq. ft. or less in area to have a similar maximum as the standard requirements (45%) -- the additional 10% impervious would need to be mitigated for with an on-site stormwater management facility as approved by the City through a residential stormwater mitigation facility application. There are approximately 77 properties out of 166 properties within PD-975, Zone 1 that are 9,999 sq. ft or less in area.

Budget Impact:

N/A

Attachments:

1. Ordinance
2. Zoning Map
3. Applicant Narrative

4. Public Comment
5. Presentation

CITY OF APPLE VALLEY
ORDINANCE NO. ____

AN ORDINANCE OF THE CITY OF APPLE VALLEY, MINNESOTA,
AMENDING CHAPTER 155-APPENDIX F, ARTICLE 34 OF THE CITY CODE
BY AMENDING IMPERVIOUS SURFACE REQUIREMENTS FOR PLANNED
DEVELOPMENT NO. 975

The City Council of Apple Valley ordains:

Section 1. Chapter 155-Appendix F, Article 34 of the Apple Valley City Code is amended by revising Section A34-5(A)(1), in part, to read as follows:

§ A34-5(A)(1) Table of minimum area standards and requirements

(A) The following minimum area standards and requirements shall be met and no improvements shall be placed on such lands unless the lands to be used or improved shall meet the following area and dimensional requirements.

(1) Table of minimum area standards and requirements

<i>Specification</i>	Zone 1
* * * *	
Maximum impervious surface coverage(percent)³	35
* * * *	
NOTES TO TABLE	
* * * *	
<u>3 – Lots sized 9,999 sq. ft. or less may increase impervious surface coverage up to an additional 10% upon showing a circumstance supporting good cause for additional impervious surface area in excess of the limitations herein and upon installation of a city approved on-site stormwater management facility. An application for a request hereunder shall be filed with the City Clerk upon an application form furnished by the city. The application fee and a performance security escrow shall be in an amount established by City Council resolution, shall be paid and filed with the application.</u>	

Section 2. Summary approved. The City Council hereby determines that the text of the summary marked "Official Summary of Ordinance No. ____" a copy of which is attached hereto clearly informs the public of the intent and effect of the ordinance. The City Council further determines that publication of the title and such summary will clearly inform the public of the intent and effect of the ordinance.

Section 3. Filing. A copy of the ordinance shall be filed in the office of the City Clerk. This copy shall be available for inspection by any persons during regular office hours.

Section 4. Publication. The City Clerk shall publish the title of this ordinance and the official summary in the official newspaper of the City with notice that a printed copy of the ordinance is available for inspection by any person during regular office hours at the Office of the City Clerk.

Section 5. Effective date. This ordinance shall take effect upon its passage and the publication of its title and the official summary.

PASSED by the City Council this ____ day of _____, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

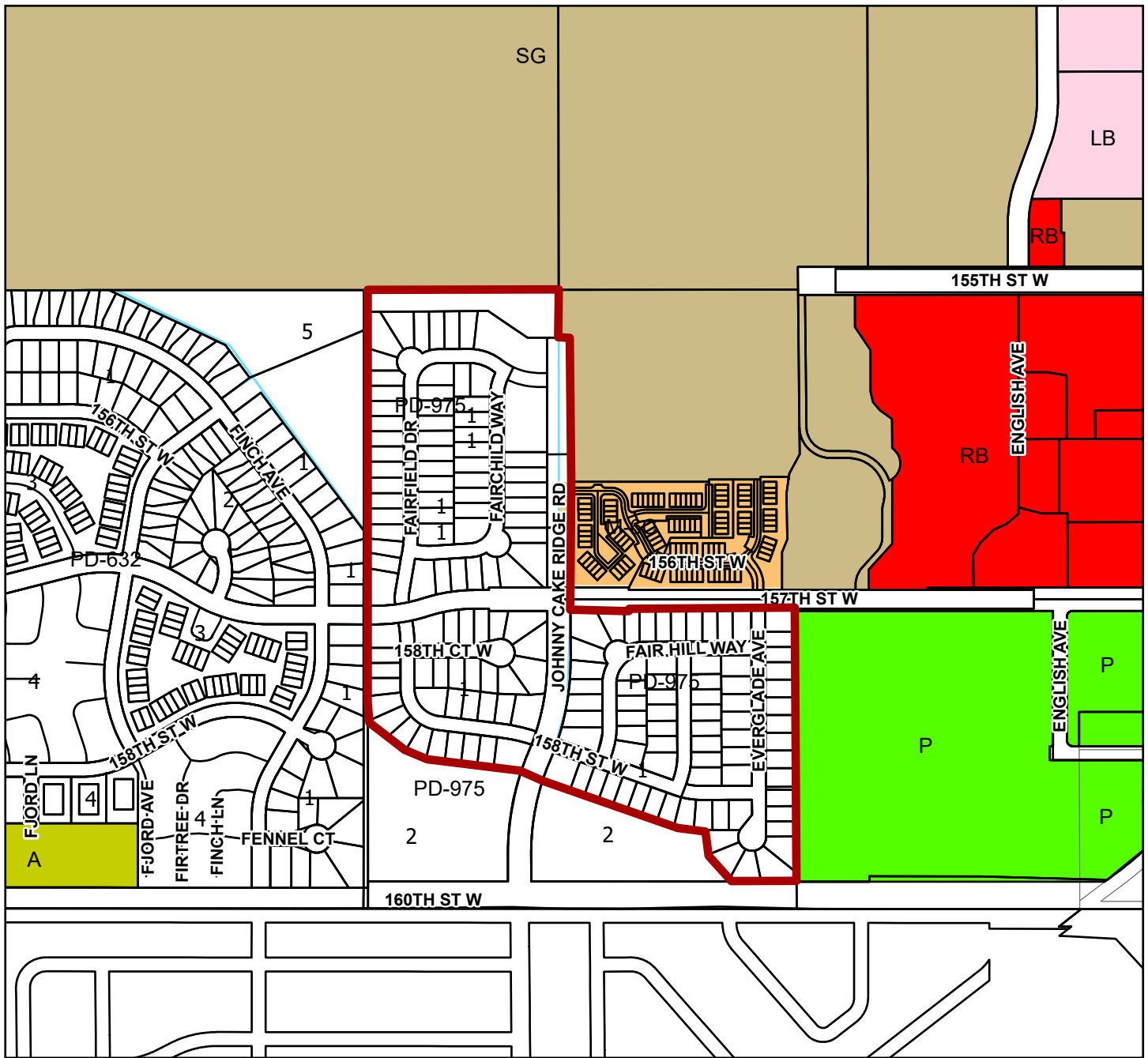
CITY OF APPLE VALLEY
ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF APPLE VALLEY, MINNESOTA,
AMENDING CHAPTER 155-APPENDIX F, ARTICLE 34 OF THE CITY CODE
BY AMENDING IMPERVIOUS SURFACE REQUIREMENTS FOR PLANNED
DEVELOPMENT NO. 975

The following is the official summary of Ordinance No. _____ passed by the City Council of Apple Valley on _____, 2025:

This Ordinance amends Chapter 155-Appendix F, Article 34 (Planned Development No. 975) by amending impervious surface requirements for lots sized 9,999 square feet or less to allow for an additional 10% of impervious surface coverage upon a showing of good cause and upon the installation of a city approved on-site stormwater management facility.

A printed copy of the ordinance is available for inspection by any person during regular office hours in the office of the City Clerk at the Apple Valley Municipal Center, 7100 147th Street W., Apple Valley, Minnesota 55124.

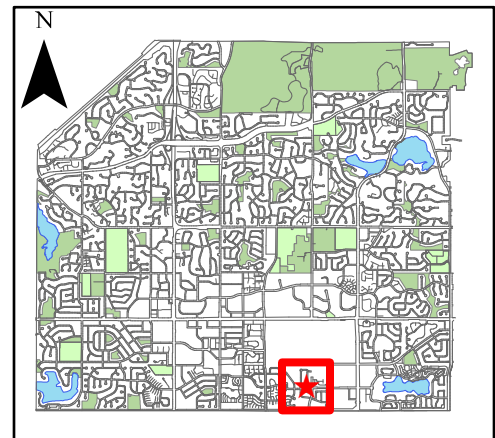


PD-975, Zone 1 Zoning Map

 Subject Properties



0 325 650 Feet



April 9, 2025

City of Apple Valley
Attn: Sydnee Stroeing
Associate Planner
7100 147th Street W.
Apple Valley, MN 55124

Dear Sydnee,

For the past year and a half we have been researching the idea of putting a pool in our backyard. We have a small lot, 9,186 square feet, and knew that there were limitations with impervious coverage in Apple Valley. We looked into the maximum impervious coverage allowed in the city of Apple Valley and found city ordinance 1134 (Section 155.350, Drainage Requirements). Using this code provision, we have been working with a pool contractor and a landscaper to design plans that follow the criteria for maximum impervious coverage. We recently found out that because we are in a planned development our maximum impervious surface coverage is only 35%, not the 40% allowed for lots at a similar size as our property in standard single-family zoning districts. We want to amend the maximum impervious coverage percent for PD-975 to allow for lot sizes of 9,999 square feet or smaller a maximum impervious surface of 35% and can exceed this maximum coverage up to 10% with stormwater mitigation, for a total maximum of 45% impervious coverage -- similar to the standard impervious surface requirements stated in section 155.350. Section 155.350 states that lots sized between 7500 and 9999 square feet have a maximum impervious coverage allowed of 40% and can exceed their maximum coverage by 5%, for a total maximum of 45%, with an approved stormwater mitigation feature.

We appreciate your consideration.



Erik Edstrom



Amy Edstrom

Breanna Vincent

From: Lori Grosse [REDACTED]
Sent: Wednesday, May 7, 2025 8:31 AM
To: Community Development
Cc: J 5
Subject: Proposed Amendment to PD-975 Zone 1

You don't often get email from [REDACTED] [Learn why this is important](#)

Dear City of Apple Valley Planning Commission,

My name is Lori Grosse and my address is 6024 158th St W in Apple Valley. My family and I have lived in this home for almost 9 years and have loved every moment of it.

We received notice that one of our neighbors is eager to install a pool in their backyard, and has run into issues because we are part of a "Planned Development." I had known that a few other neighbors had issues previously with impervious surface coverage that affected the type of driveway they had to install, but wasn't aware that the issue was because of zoning restrictions in our neighborhood specifically. This was not something that we were made aware of when we built our home in 2016.

We definitely support the amendment that has been proposed to increase the impervious surface coverage. In our years of living here, we have not experienced nor witnessed any type of water or drainage issues. Frankly, I don't really understand why these restrictions were imposed on our neighborhood alone when I see the map that was sent out regarding this meeting. I would love to know what the reasoning was in the first place.

My intention was to attend the meeting on 5/7, however it is not possible because of my work schedule. Please feel free to reach out directly with any questions, comments or concerns. I certainly appreciate your consideration, and hope that this situation can be resolved in favor of the proposed amendment.

Thank you for your time!

Lori & John Grosse
6024 158th St W
Apple Valley, MN 55124
[REDACTED]

PD-975 Impervious Surface Text Amendments

City Council

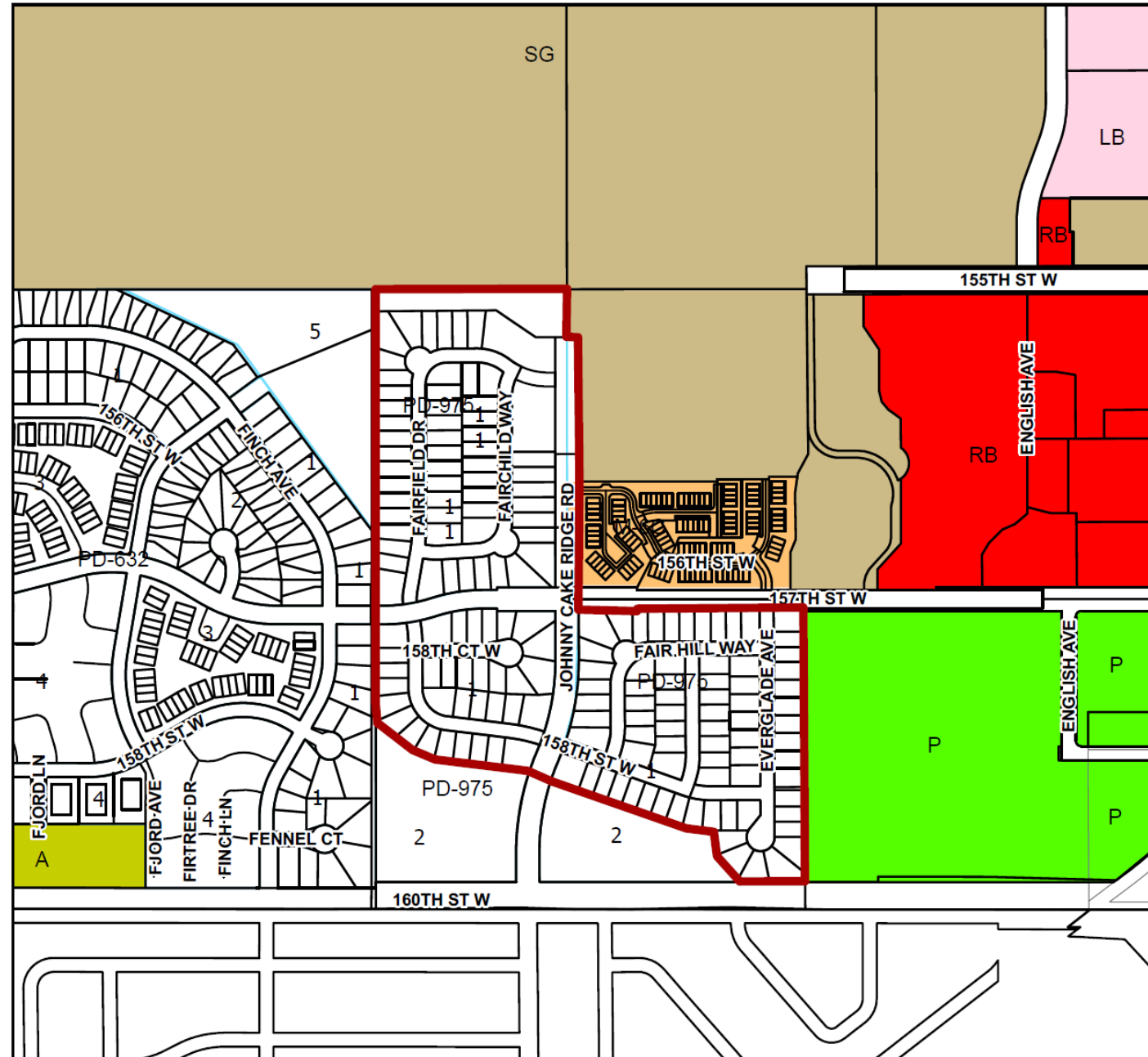
Date: May 22, 2025

Application Requested

Consider an ordinance amendment to “PD-975” (Planned Development No. 975), Zone 1 regarding impervious surface for lots 9,999 square feet or less in area.

Zoning Map

PD-975, Zone 1



PD-975 Text Amendment

Specification	Zone 1
Maximum impervious surface coverage (percent)³	35
Notes to Table <u>3 -- Lots sized 9,999 sq. ft. or less may increase impervious surface coverage up to an additional 10% upon showing a circumstance supporting good cause for additional impervious surface area in excess of the limitations herein and upon installation of a city approved on-site stormwater management facility. An application for a request hereunder shall be filed with the City Clerk upon an application form furnished by the city. The application fee and a performance security escrow shall be in an amount established by City Council resolution, shall be paid and filed with the application.</u>	

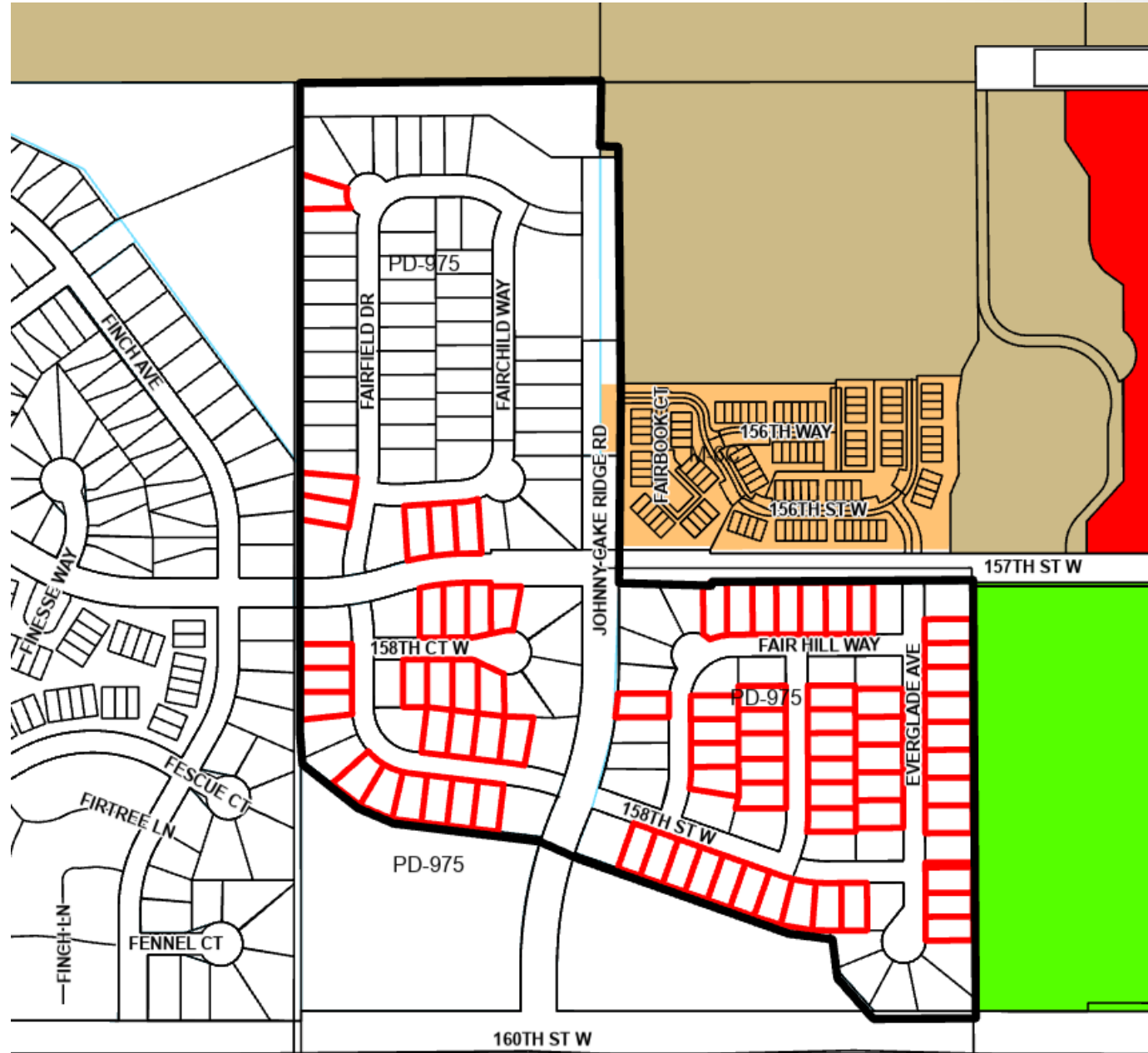
Section 155.350 Drainage Requirements

Lot Size	Maximum Impervious Coverage Allowed
10,000 sq. ft. or greater	35%
9,999 sq. ft. – 7,500 sq. ft	40%
7,499 sq. ft. – 6,000 sq. ft.	45%
Less than 6,000 sq. ft.	50%

(2) (a) **Lots located within a "PD"** (Planned Development) zoning district on which an one-family detached dwelling (house) or lots with two-family attached dwellings (twin home) is a permitted use shall comply with the requirements above, **unless impervious surface coverage is specifically addressed in the ordinance establishing the PD zoning district.**

(D) The maximum impervious surface area allowed hereunder may be **increased up to an additional 5%** upon a showing of circumstances supporting good cause for additional impervious surface area in excess of the limitations herein and upon the installation of a city approved on-site stormwater management facility. An application for a request hereunder shall be filed with the City Clerk upon an application form furnished by the city. The application fee and a performance security escrow, which shall be in an amount established by City Council resolution, shall be paid and filed with the application.

Lots less
than
10,000 sq.
ft.



Action Requested

Pass Ordinance amending Article 32, Planned Development No. 975 of the City Code by amending impervious surface requirements (recommend waiving second reading).

Questions?



ITEM:
COUNCIL MEETING DATE:
SECTION:

5.E.
May 22, 2025
Regular Agenda

Description:

Cannabis Microbusiness Text Amendments

1. Consider an ordinance amending Article 16, Planned Development No. 409 of the City Code to allow cannabis microbusinesses (*First reading*)
2. Consider an ordinance amending Section 155.320(C) of the City Code to allow cannabis microbusinesses in planned developments (*First reading*)

Staff Contact:

Sydnee Stroeing, Associate Planner

Department / Division:

Community Development

Action Requested:

The decision to amend a zoning district to allow a use that is currently not a permitted or conditional use is a policy-related decision. The Planning Commission recommended denial of the requested amendments at the May 7, 2025, Planning Commission meeting. A summary of their findings can be found in the summary section below. If the City Council concurs with the Planning Commission's recommendation of denial, then the action would be as follows:

1. Affirm the Planning Commission's recommendation of denial made at the May 7, 2025, Planning Commission meeting and deny the passage of an Ordinance amending Article 16, Planned Development No. 409 of the City Code to allow cannabis microbusinesses; and
2. Affirm the Planning Commission's recommendation of denial made at the May 7, 2025, Planning Commission meeting and deny the passage of an Ordinance amending Section 155.320(C) of the City Code to allow cannabis microbusinesses in planned developments.

If the City Council would prefer to reverse the recommendation made by the Planning Commission in this matter, and accept further review of the requested amendments, or consider passing the requested ordinance amendments, then the action may be as follows:

1. Accept first reading of an Ordinance amending Article 16, Planned Development No. 409 of the City Code to allow cannabis microbusinesses; and
2. Accept first reading of an Ordinance amending Section 155.320(C) of the City Code to allow cannabis microbusinesses in planned developments.

The deadline for action on the requests to amend Planned Development No. 409 and Section

155.320 is June 19, 2025, unless agreed upon, in writing, by the applicant and the City to further extend the deadline. Based on the June 19 deadline, the final City Council meeting to take action is June 12, 2025. The City Council must either accept the Planning Commission's recommendations of denial and deny the passage of the ordinances, or pass the ordinances by June 12, 2025.

Summary:

Jason Sewell (d/b/a HiRISH), has requested to amend Planned Development No. 409 to allow cannabis microbusinesses within the PD. Cannabis Microbusinesses are currently not a permitted use in Planned Developments per Section 155.320 (Cannabis Businesses, Hemp Businesses, and Temporary Events). Therefore, the applicant has also requested an amendment to Section 155.320 to allow for cannabis microbusinesses in Planned Developments.

The applicant is currently working through the State application process that is regulated by the Office of Cannabis Management (OCM) for licensing and operating a cannabis related business and has received preliminary license approval from the State. The preliminary approval through the State allows the applicant 18 months to obtain a cannabis microbusiness license. The next step for the applicant in this process would be to find a business location that is adequately zoned for the related cannabis use. The applicant wishes to operate a cannabis microbusiness at 6950 146th Street West.

The amendment to Planned Development No. 409 would apply to all properties within it. All properties have been notified of the proposed request and public hearing.

The public hearing for the text amendments was held on April 2, 2025. Public hearing responses are discussed below. Please note that one public comment was received at the May 7, 2025, meeting -- the comment is included in the meeting minutes (draft minutes attached hereto). The Planning Commission reviewed the request and the public hearing responses at the May 7, 2025, Planning Commission meeting. The Commission voted to recommend denial of the ordinances by a 4-0 vote for both motions. A summary of the Planning Commission's findings and rationale for the recommendation of denial is as follows:

1. The existing zoning districts that allow cannabis microbusinesses are industrial districts (BP, I-1, I-2), and there are adequate opportunities to find a location that is properly zoned.
2. The industrial zoning districts are best suited for the operations of a cannabis microbusiness.
3. PD-409 is adjacent to existing residential properties and the amendment would allow for a cannabis microbusiness to operate in close proximity to those residential properties.
4. Allowing cannabis microbusinesses in PD-409 could cause disturbances in the area and nearby neighborhoods.

Background:

The City adopted a cannabis related zoning ordinance on October 24, 2024. The ordinance established zoning and performance standards for cannabis businesses, hemp businesses, and temporary cannabis events. Section 155.320 includes a chart that depicts which cannabis businesses

are allowed in specific zoning districts, including Planned Developments:

Guiding	Commercial						Industrial			PD	
Zoning District	NCC	LB	GB	RB	SC	VB	BP	I-1	I-2	PD	AG
Business Type											
Cannabis Retailer	P			P	P	P				PD-R	
Cannabis Microbusiness							P*	P*	P*		
Cannabis Mezzobusiness							P*	P*	P*		
Cannabis Cultivator (Indoor only)							P	P	P		
Cannabis Cultivator (Outdoor)							P	P	P		P
Cannabis Manufacturer							P	P	P		
Cannabis Wholesaler							P	P	P		
Cannabis Transporter							P	P	P		
Cannabis Testing Facility							P	P	P		
Cannabis Event Organizer Temporary Event	P			P	P	P					
Cannabis Delivery Service	P			P	P	P	P*	P*	P*		
Medical Cannabis Combination Business (Retail location only)	P			P	P	P				PD-R	
Medical Cannabis Combination Business (Cultivation and processing)							P*	P*	P*		
Lower-potency Hemp Edible Manufacturer							P*	P*	P*		
Lower-potency Hemp Edible Retailer	P	P	P	P	P	P				PD-R	

Table from Section 155.320(C)

The applicant is seeking to allow a cannabis microbusiness at 6950 146th Street West. This property is within Planned Development No. 409 (PD-409). PD-409 has one zone only -- an amendment to this PD will apply to each property within it. This Planned Development is intended to provide for an integrated mix of limited industrial, general business, retail business and limited business uses. Cannabis microbusinesses are currently allowed in the Industrial zoning districts only (subject to additional requirements as set forth in Section 155.320).

Per Section 155.320, a cannabis microbusiness is defined as "A business that may cultivate cannabis and manufacture cannabis products and hemp products and package such products for sale to customers or another licensed business, and that may operate a single retail location with a retail operations endorsement." The applicant has submitted a draft floor plan of the business that indicates the intended use of growing, packaging, distributing, and selling cannabis products in one location.

PD-409 currently allows the following uses that are similar to the operations of a cannabis microbusiness:

- Light fabrication, manufacturing and assembly, including the fact that some or all goods produced are retailed on site.
- Research or testing laboratory conducted entirely within a building.
- Retail, sales and service uses subject to floor area maximum.

Staff has prepared two draft ordinances -- to amend PD-409 and Section 155.320, attached hereto. The draft ordinance related to the PD-409 amendment includes language allowing a cannabis microbusiness as a conditional use with subsequent conditions. If these amendments are approved as drafted, a conditional use permit would be required. The amendment to Section 155.320 would include allowing cannabis microbusinesses as an allowed use within all PDs when specifically allowed as a permitted or conditional use under the zoning regulations of the specific PD district. Meaning that an individual PD district would have to be amended to allow a cannabis microbusiness. This would allow the Planning Commission and City Council to review individual PDs as requested to determine if a cannabis microbusiness is an appropriate use within that specific district.

In order to consider allowing this use at this property, the Planning Commission reviewed if PD-409 should be amended to allow a cannabis microbusiness. The Planning Commission determined that the existing zoning requirements related to cannabis businesses are adequate and was not supportive of the requested amendments. The Commission stated that there are other existing properties that are properly zoned for both the retail component and microbusiness operations within the industrial zoning districts. Other concerns from the Commissioners included the proposed location and the proximity of PD-409 to residential properties. Since the Planning Commission was not supportive of the amendment to allow microbusinesses in PD-409, the Commission was also not in support of the amendment to Section 155.320 to allow microbusinesses in Planned Developments.

Public Hearing: There were no comments from the public during the public hearing held on April 2, 2025, but the Commissioners had several outstanding questions related to the request. Staff and the applicant have provided answers to the questions and comments made by the Commissioners below. The applicant's full response is included as an attachment to this report.

1. **History of PD-409:** The ordinance creating PD-409 was officially adopted in the City Code in 1988. The purpose of PD-409 is to allow for an integrated mix of limited industrial, general business, retail business and limited business uses. The properties within PD-409 were originally zoned "I-1" or "I-2" (Limited Industrial and General Industrial). The rezoning to PD was to allow for a wider range of permitted commercial uses than what was allowed under the previous zoning of I-1 and I-2. PD-409 is a hybrid of I-1, "GB" (General Business), and "RB" (Retail Business) zoning districts. The PD ordinance was drafted and adopted to limit retail and limited businesses uses to 35% of the total floor area of buildings within PD-409 to ensure that the district did not lose the industrial character as it is guided as an industrial land use.

2. **Existing uses/tenants within the multi-tenant building:** The applicant has provided a document that shows the current utilization and tenant mix of the multi-tenant building at the subject property (attached). There are 12 tenant spaces within the building, two of which are currently vacant. The remaining suites are filled with various businesses.

3. **Has the applicant considered locations where cannabis microbusinesses are currently allowed in Apple Valley?**

Staff Response: Cannabis microbusinesses are currently allowed in "BP" (Business Park), I-1, and I-2 zoning districts. It appears that there are approximately 14 properties zoned for

industrial use that do not have a buffer requirement. Please note that this does not mean that all 14 properties are available for sale or for lease, or are suitable for development.

Applicant Response: The applicant has provided a response of the locations that are available within the industrial zoning districts. The applicant has stated that all available locations that are zoned to allow a cannabis microbusiness are impacted by buffers. Please see the applicant's full response for specific locations that were considered.

Budget Impact:

N/A

Attachments:

1. PD-409 Draft Ordinance
2. Sec. 155.320 Draft Ordinance
3. Applicant Narrative
4. Zoning Map
5. Cannabis Buffer Map
6. Applicant Response to Public Hearing
7. Business Floor Plan
8. 050725 PC MINUTES DRAFT
9. Presentation

CITY OF APPLE VALLEY
ORDINANCE NO. ____

AN ORDINANCE OF THE CITY OF APPLE VALLEY, MINNESOTA,
AMENDING TITLE XV OF THE CITY CODE ENTITLED "LAND USAGE,"
CHAPTER 155-APPENDIX F, ARTICLE A16 OF THE CITY CODE BY ADDING
CANNABIS MICROBUSINESS AS A CONDITIONAL USE WITHIN PLANNED
DEVELOPMENT NO. 409, ZONE 1

The City Council of Apple Valley ordains:

Section 1. Chapter 155-Appendix F, Article A16 of the Apple Valley City Code is amended by adding Section A16-3(2)

§ A16-3 CONDITIONAL USES.

Zone 1. Within this zone, no structure or land shall be used for the following use or uses deemed similar by the City Council except through the granting of a conditional use permit:

* * * *

(2) Cannabis Microbusiness as regulated in §155.320, subject to the following additional conditions:

(a) All cannabis microbusiness activities shall occur and take place indoors of a delineated identified space of the primary building on site. Outdoor operations of any kind are prohibited.

(b) No retail sales of cannabis or cannabis products shall be permitted except in conjunction with a cannabis microbusiness in operation on the site and with a retail operations endorsement

(c) An odor mitigation plan shall be submitted with the application and all cultivation, manufacturing, processing and packaging operations shall be in compliance with the odor mitigation plan and MN licensing regulations. The space in which the operation is located shall be equipped with and in operating condition odor control filtration and ventilation system(s) to control odors, humidity, and mold.

(d) Off-street loading areas in conjunction with a cannabis microbusiness is subject to §155.354.

(e) On-site retail operations in conjunction with a cannabis microbusiness are subject to §A16-2(19).

Section 2. Summary approved. The City Council hereby determines that the text of the summary marked "Official Summary of Ordinance No. ____" a copy of which is attached hereto clearly informs the public of the intent and effect of the ordinance. The City Council further

determines that publication of the title and such summary will clearly inform the public of the intent and effect of the ordinance.

Section 3. Filing. A copy of the ordinance shall be filed in the office of the City Clerk. This copy shall be available for inspection by any persons during regular office hours.

Section 4. Publication. The City Clerk shall publish the title of this ordinance and the official summary in the official newspaper of the City with notice that a printed copy of the ordinance is available for inspection by any person during regular office hours at the Office of the City Clerk.

Section 5. Effective date. This ordinance shall take effect upon its passage and the publication of its title and the official summary.

PASSED by the City Council this ____ day of _____, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

CITY OF APPLE VALLEY
ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF APPLE VALLEY, MINNESOTA,
AMENDING TITLE XV OF THE CITY CODE ENTITLED "LAND USAGE,"
CHAPTER 155-APPENDIX F, ARTICLE A16 OF THE CITY CODE ADDING
CANNABIS MICROBUSINESS AS A CONDITIONAL USE WITHIN PLANNED
DEVELOPMENT NO. 409 ZONE 1

The following is the official summary of Ordinance No. _____ passed by the City Council of Apple Valley on _____, 2025:

Chapter 155 of the City Code is revised to allow a cannabis microbusiness as a conditional use within Planned Development No. 409 Zone 1, and establish regulations thereof.

A printed copy of the ordinance is available for inspection by any person during regular office hours in the office of the City Clerk at the Apple Valley Municipal Center, 7100 147th Street W., Apple Valley, Minnesota 55124.

CITY OF APPLE VALLEY
ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF APPLE VALLEY, MINNESOTA, AMENDING CHAPTER 155 OF THE CITY CODE ENTITLED "LAND USAGE" BY AMENDING SECTION 155.320(C) REGARDING CANNABIS MICROBUSINESS IN PLANNED DEVELOPMENTS DISTRICTS

The City Council of Apple Valley ordains:

Section 1. Title XV of the Apple Valley City Code is hereby amended by revising Section 155.320(C) to read as follows:

(C) *Zoning.* The operation of a cannabis business, a hemp business, and a temporary cannabis event, as the terms are defined herein, shall be limited to property zoned for commercial, industrial, and agricultural uses as specifically set forth below for each type of cannabis business and hemp business:

<u>Guiding</u>	<u>Commercial</u>						<u>Industrial</u>			<u>PD</u>	<u>AG</u>
Zoning District	NCC	LB	GB	RB	SC	VB	BP	I-1	I-2	PD	
Business Type											
Cannabis Retailer	P			P	P	P				PD-R	
Cannabis Microbusiness							P*	P*	P*	**	
Cannabis Mezzobusiness							P*	P*	P*		
Cannabis Cultivator (Indoor only)							P	P	P		
Cannabis Cultivator (Outdoor)							P	P	P		P
Cannabis Manufacturer							P	P	P		
Cannabis Wholesaler							P	P	P		
Cannabis Transporter							P	P	P		
Cannabis Testing Facility							P	P	P		
Cannabis Event Organizer Temporary Event	P			P	P	P					
Cannabis Delivery Service	P			P	P	P	P*	P*	P*		
Medical Cannabis Combination Business (Retail location only)	P			P	P	P				PD-R	
Medical Cannabis Combination Business (Cultivation and processing)							P*	P*	P*		
Lower-potency Hemp Edible Manufacturer							P*	P*	P*		
Lower-potency Hemp Edible Retailer	P	P	P	P	P	P				PD-R	

* Retail sale of its cultivated cannabis or manufactured cannabis products is a permitted accessory use, provided the business has retail operation endorsement under its state license and shall be subject to the accessory retail sales regulations for the applicable zoning district regulations as set forth elsewhere in this Chapter.

** Cannabis Microbusiness may be allowed within a Planned Development district (or zones therein) when specifically allowed as a permitted or conditional use under the zoning regulations of the specific Planned Development district, subject to the provisions herein.

Notes: “P” means Permitted; and “PD-R” means Permitted in Planned Development districts (or zones therein) that permit freestanding or multi-tenant retail building stores and shops.

Section 2. Summary approved. The City Council hereby determines that the text of the summary marked "Official Summary of Ordinance No. ____" a copy of which is attached hereto clearly informs the public of the intent and effect of the ordinance. The City Council further determines that publication of the title and such summary will clearly inform the public of the intent and effect of the ordinance.

Section 3. Filing. A copy of the ordinance shall be filed in the office of the City Clerk. This copy shall be available for inspection by any persons during regular office hours.

Section 4. Publication. The City Clerk shall publish the title of this ordinance and the official summary in the official newspaper of the City with notice that a printed copy of the ordinance is available for inspection by any person during regular office hours at the Office of the City Clerk.

Section 5. Effective date. This ordinance shall take effect upon its passage and the publication of its title and the official summary.

PASSED this ____th day of ____, 2025.

Clint Hooppaw, Mayor

ATTEST:

Christina M. Scipioni, City Clerk

CITY OF APPLE VALLEY
ORDINANCE NO. _____

AN ORDINANCE OF THE CITY OF APPLE VALLEY, MINNESOTA, AMENDING
CHAPTER 155 OF THE CITY CODE REGULATING ZONING BY AMENDING
SECTIONS 155.320 ADDING CANNABIS MICROBUSINESS AS A PERMITTED
USE IN PLANNED DEVELOPMENTS

The following is the official summary of Ordinance No. _____ passed by the City Council of Apple Valley on _____, 2025:

Chapter 155 of the City Code is revised to allow a cannabis microbusiness within
Planned Development districts (or zones therein).

A printed copy of the ordinance is available for inspection by any person during regular office hours in the office of the City Clerk at the Apple Valley Municipal Center, 7100 147th Street W., Apple Valley, Minnesota 55124.

6 March 2025

To Whom it May Concern:

Thank you for the opportunity to submit my application for a zoning code text amendment at the property located at 6950 W 146th St. I am requesting an amendment to PD-409 to allow a cannabis microbusiness within this planned development district. In addition, I am subsequently requesting an amendment to section 155.320 (Cannabis Business, Hemp businesses and Temporary Events) to allow for a cannabis microbusiness in planned developments. Attached you will find the application, Deposit agreement, a preliminary floor plan and the business plan for HiRISH ACRES dba, "HiRISH".

HiRISH is a veteran-owned company. Through the socially equitable application process, HiRISH completed the application process with Office of Cannabis Management (OCM) in July 2024. Our application has been approved, and we are currently awaiting the adoption of the expedited rules released by OCM on January 13, 2025.

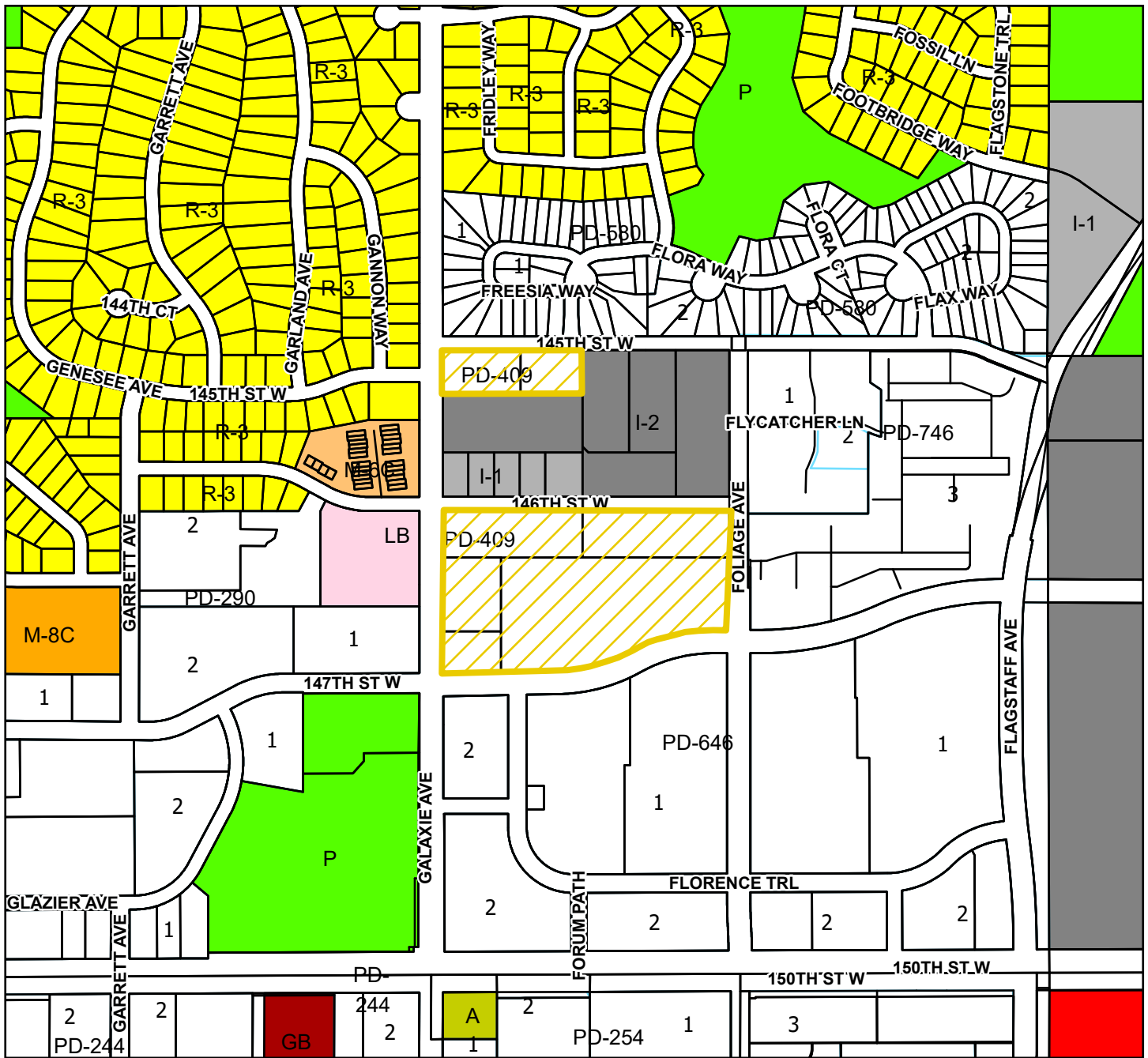
As a resident of Apple Valley for the past 10 years, being allowed to establish a cannabis business within our city would be an honor. It would enable me to educate, assist and provide knowledgeable information surrounding the safe use and consumption of cannabis products. Being one of the selected few to help ensure that only tested, quality products are available for our community would be a great privilege. As a veteran, retired engineer, lifelong cannabis advocate and an individual formally trained & certified in cannabis through Green Flower, I feel I am very well prepared to represent cannabis responsibly for the members of our community and those just visiting.

Thank you for considering my application. I look forward to the opportunity to contribute positively to our community.

Regards,



Jason

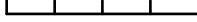
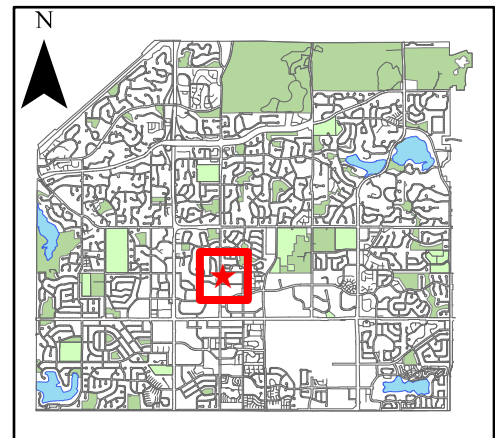


Planned Development No. 409

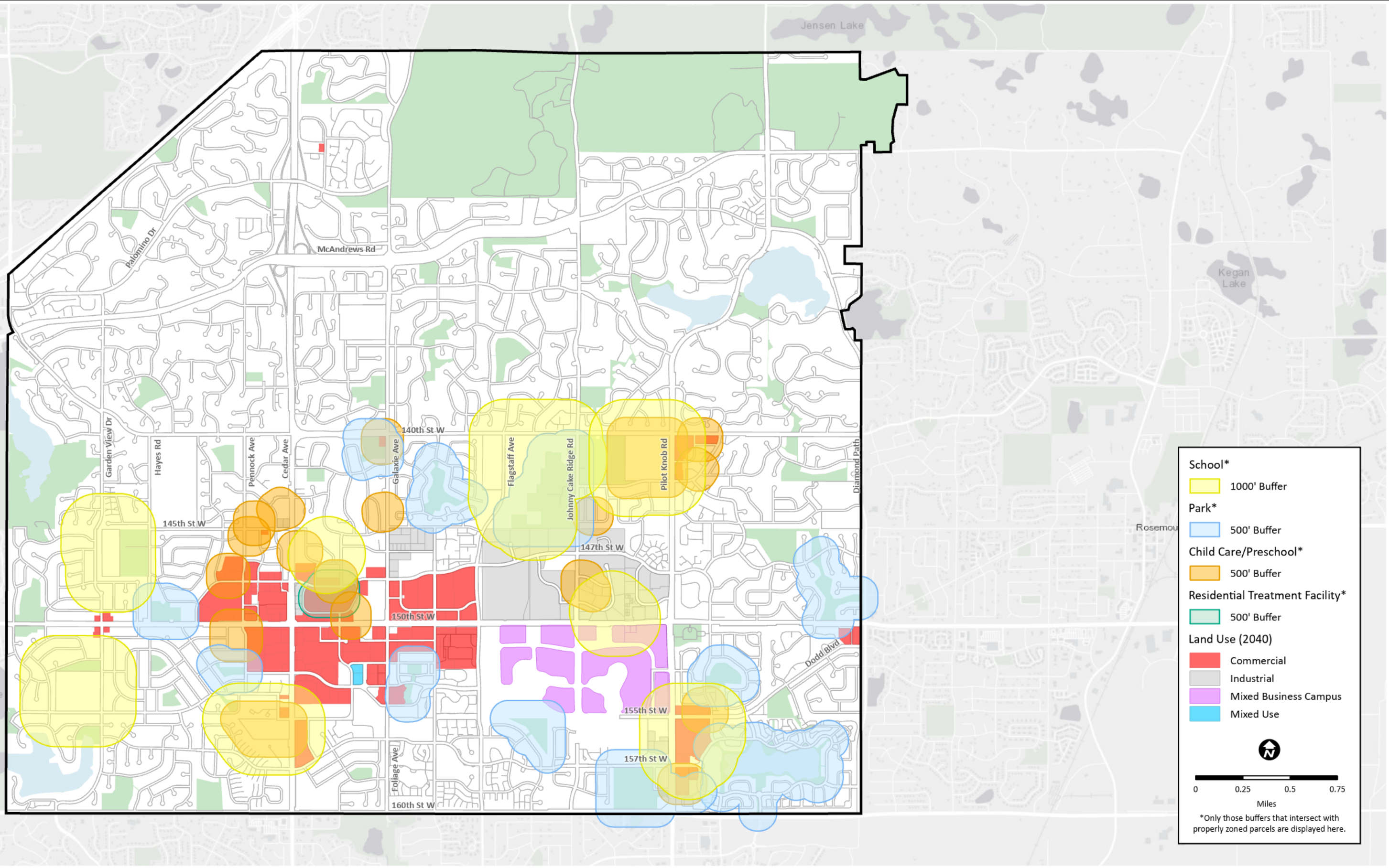
 Subject Planned Development



0 325 650 Feet

Path: G:\Community Development\Planning\Cannabis Ordinance - Sensitive Area Buffers\Cannabis Ordinance - Sensitive Area Buffers.aprx
Data Saved: 1/6/2025 12:58 PM



CANNABIS RETAIL DISPENSARY BUFFER MAP
CITY OF APPLE VALLEY

From: [Jason ;\)](#)
To: [REDACTED]
Subject: [Sydnee Stroeing](#); [Brian Scholten](#)
Date: Re: Public Hearing Questions from 4/2 PC Meeting
Monday, April 28, 2025 2:39:11 PM
Attachments: 6950 UTILIZATION.docx
6175 147th St W_20250428_134200_0000.png

Greetings

Attached you will find a word doc that reflects the utilization of 6950 W 146th St which is located within PD-409. In addition; you'll find an image of the cannabis retail dispensary buffer zone map with the three (3) existing and currently available locations that are within the industrial zoning boundaries of where a cannabis micro business is allowed but, each identified location is also within an established buffer zone.

A: 6275 147th St W
Offers 32,000-78,000 sq.ft.
Resides in park & school BZ.

B: 6175 147th St W
Offers 1400 sq.ft. w/minimal power
Resides in park & school BZ

C: 14720 Energy Way
Offers 56,779 sq.ft.
Resides in park & school BZ

Over the course of the past 9 months I have canvassed the south metro looking for a location that accommodates city ordinances, property owner limitations and allows for an efficient workflow for HiRISH operations. 6950 146th st w was selected by HiRISH because it resides within an industrial zone, the owners - their financial & insurance partners are willing and able to accommodate a cannabis touching business (not always the case), there is ample power for the operation and the available square footage is the appropriate size for a micro business. From a micro business operators perspective, this area (PD-409) is currently the only viable location for micro business within Apple Valley city limits.

As a veteran, a medicinal cannabis patient, a long time advocate & a constituent of the city of Apple Valley. It would be my duty, honor & privilege to bring knowledgeable scientific information to our community that will help allow for responsible cannabis distribution and consumption. Thank you.

Regards

Jason

6950 W 146TH ST OCCUPANCY RATIO

EXISTING:

<u>SUITE</u>	<u>TENANT</u>	<u>RETAIL SQ.FT.</u>	<u>OFFICE SQ.FT.</u>	<u>TOTAL SQ.FT.</u>
100	VACANT	0	0	6358
104-106	CROSSFIT	0	0	2074
110	ROTECH	0	1022	2255
112-114	EDUCATION MINNESOTA	0	4510	4510
116	LIBERTY AUTO GLASS	0	280	1870
118	RIO JITSU	0	0	4565
120	ANYTIME PUPPY PLAYGROUND	0	0	4416
124	STONEHILL CONTRACTING	0	450	2240
126	Kimlytech	0	251	2240
128	VACANT	<u>0</u>	<u>0</u>	<u>4386</u>
TOTAL SQ. FOOTAGE:		0	6513	34,914

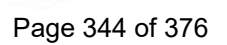
PROPOSED:

128	HiRISH	<1000	4386
-----	--------	-------	------

BUILDING TOTAL SQUARE FOOTAGE: 34,914 SQ.FT

BUILDING TOTAL RETAIL SQUARE FOOTAGE: 0

BUILDING TOTAL OFFICE SQUARE FOOTAGE: 6,513 SF



CITY OF APPLE VALLEY
PLANNING COMMISSION MINUTES

May 7, 2025

1. CALL TO ORDER

The City of Apple Valley Planning Commission Meeting was called to order by Vice Chair Scanlan at 7:00 p.m.

Members Present: Jodi Kurtz, Phil Mahowald, Jeff Prewitt, and Douglas Hlas

Member(s) Absent: Paul Scanlan, Dave Schindler, Becky Sandahl

City staff members attending: CD Director Tim Benetti, City Planner Terri Dill, Associate Planner Sydnee Stroeing, Assistant City Engineer Evan Acosta, City Attorney Sharon Hills, and Department Assistant Breanna Vincent.

2. APPROVAL OF AGENDA

Chair Kurtz asked if there were any changes to the agenda. – None.

MOTION: Commissioner Mahowald moved, seconded by Commissioner Hlas, approving the agenda. Roll call vote: Ayes - 4 – Nays – 0.

3. CONSENT ITEMS

A. Approval of Minutes of April 16, 2025

MOTION: Commissioner Hlas moved, seconded by Commissioner Mahowald, approving the minutes of April 16, 2025. Roll call vote: Ayes - 4 – Nays – 0.

4. PUBLIC HEARING

A. PD-975 Impervious Surface Text Amendment

Chair Kurtz opened the public hearing.

Associate Planner Stroeing provided a brief presentation.

The applicants, Erik and Amy Edstrom, were present for questions.

There were no questions or comments from Commissioners.

Resident, Chris Moldan (6035 158th Ct. W), stated his support for the project.

MOTION: Commissioner Prewitt moved, seconded by Commissioner Hlas, to recommend approval of a draft ordinance amending Article 34, Planned Development No. 975 of the City Code by amending impervious surface requirements. Roll call vote: Ayes – 4 – Nays – 0.

5. LAND USE

A. Cannabis Microbusiness Text Amendments

Associate Planner Stroeing provided a brief presentation.

Commissioner Mahowald expressed concerns over the parenthetical included in the proposed text amendment and whether the amendment should refer to only the southern portion of PD-409.

Associate Planner Stroeing stated that the “(or zones therein)” is included due to this amendment being applicable to all PDs, some of which have multiple subzones. PD-409 only has one subzone. The language is drafted so that it can be applicable to all PDs, should a request come forward. In regard to the northern portion of PD-409, the northwest parcel touches a buffer zone, so a cannabis business would not be allowed to operate there.

Commissioner Mahowald commented that the northeast parcel would also not allow a cannabis related use, if this request is approved, since it would not meet the 1,000’ buffer between cannabis related uses.

City Attorney Hills stated that buffers are moving targets. Daycares, schools, and other facilities may move and therefore the buffer would no longer exist.

Chair Kurtz opined that there are other locations in the City suitable for this use without making an amendment.

Commissioner Hlas agreed with Chair Kurtz’ comments.

Commissioner Mahowald expressed his concerns with the northern portion of PD-409 being close to a residential area.

Commissioner Prewitt asked for further information regarding the state requirements for the site and how that may correlate to the ordinance amendment.

Associate Planner Stroeing stated that staff does not have any review of the state requirements and deferred to the applicant on the state process and requirements.

The applicant, Jason Sewell (HiRISH) gave a brief presentation.

Chair Kurtz asked if there were any other locations considered.

Mr. Sewell stated that he did consider other locations but the size of the spaces were either too large or too small for his use.

Resident, Hillary Swanson (15565 Finch Ave.), stated her opposition to the request. Ms. Swanson advised that many of the tenants in the location of the proposal were not aware of this request when she spoke with them. Ms. Swanson stated that the location was in close proximity to schools. She said that this business may also bring dangers to the City. Ms. Swanson stated that more residents and business owners should be made aware of this request.

MOTION: Commissioner Hlas moved, seconded by Commissioner Mahowald, to recommend denial of the draft ordinance amending Article 16, Planned Development No. 409 by allowing cannabis microbusiness as a conditional use with the conditions as drafted. Roll call vote: Ayes – 4 – Nays – 0.

MOTION: Commissioner Hlas moved, seconded by Commissioner Mahowald, to recommend denial of the draft ordinance amending Section 155.320(C) regarding cannabis microbusiness in Planned Development districts. Roll call vote: Ayes – 4 – Nays – 0.

6. OTHER BUSINESS

A. Review of Upcoming Schedule and Other Updates

The next Planning Commission meeting is scheduled for Wednesday, May 21, 2025, 7:00 p.m. The next City Council meeting is Thursday, May 8, 2025, 7:00 p.m.

CD Director Benetti introduced the new City Planner, Terri Dill.

7. ADJOURNMENT

Chair Kurtz asked for a motion to adjourn.

MOTION: Commissioner Mahowald moved, seconded by Commissioner Hlas, to adjourn the meeting at 7:52 p.m. Roll call vote: Ayes – 4 – Nays – 0.

Respectfully submitted,



Breanna Vincent, Planning Department Assistant

Approved by the Apple Valley Planning Commission
on 06/04/2025.

Jodi Kurtz, Chair

Cannabis Microbusiness Text Amendments

City Council

Date: May 22, 2025

Application Requested

Consider the following:

1. Ordinance amendment to Planned Development No. 409 to allow for a cannabis microbusiness.
2. Ordinance amendment to Section 155.320 (Cannabis Businesses, Hemp Businesses, and Temporary Cannabis Events) to allow cannabis microbusinesses in planned developments.

Site Location

Cannabis Microbusiness Location Map

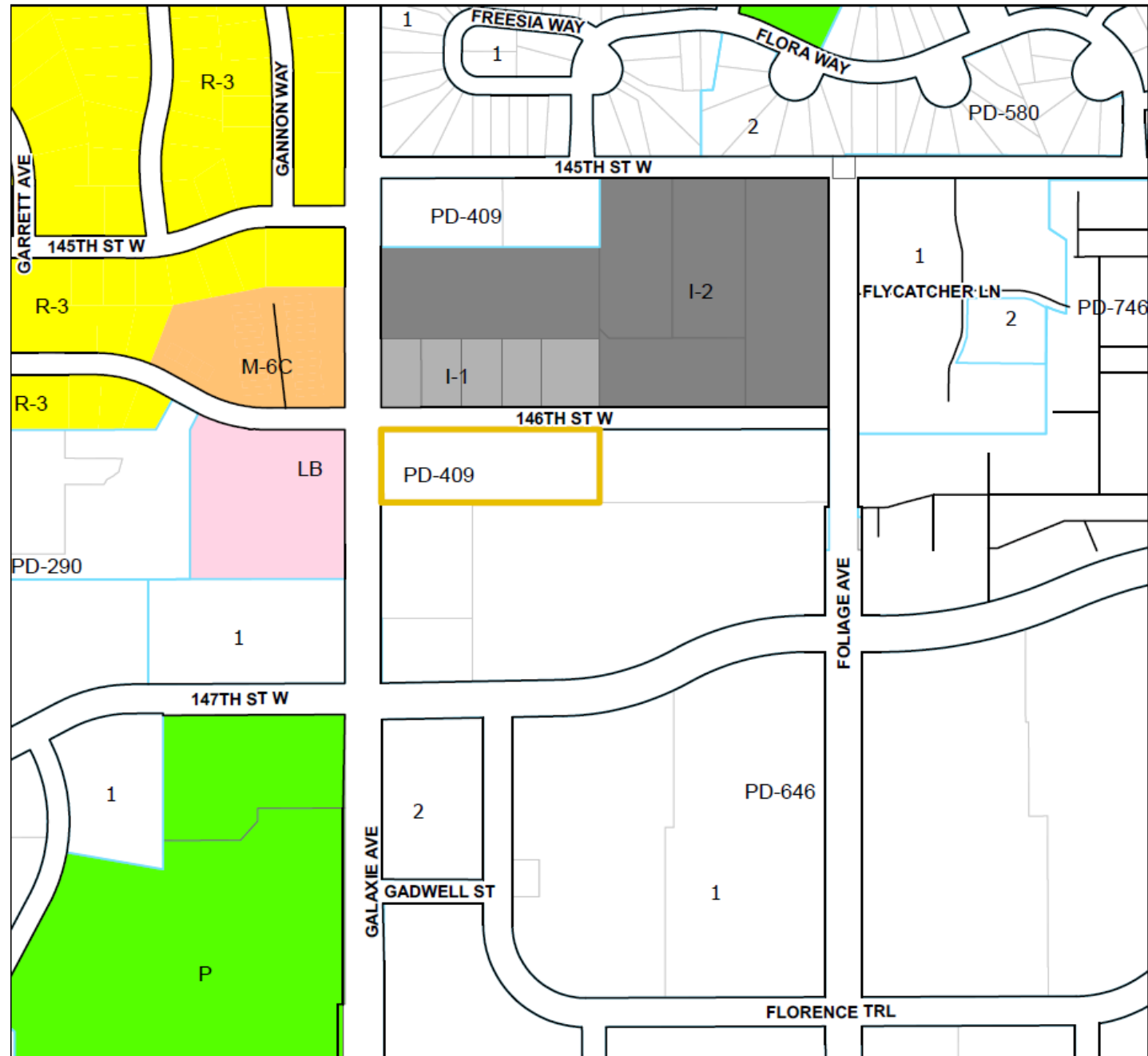
6950 146th Street West

 Subject Property

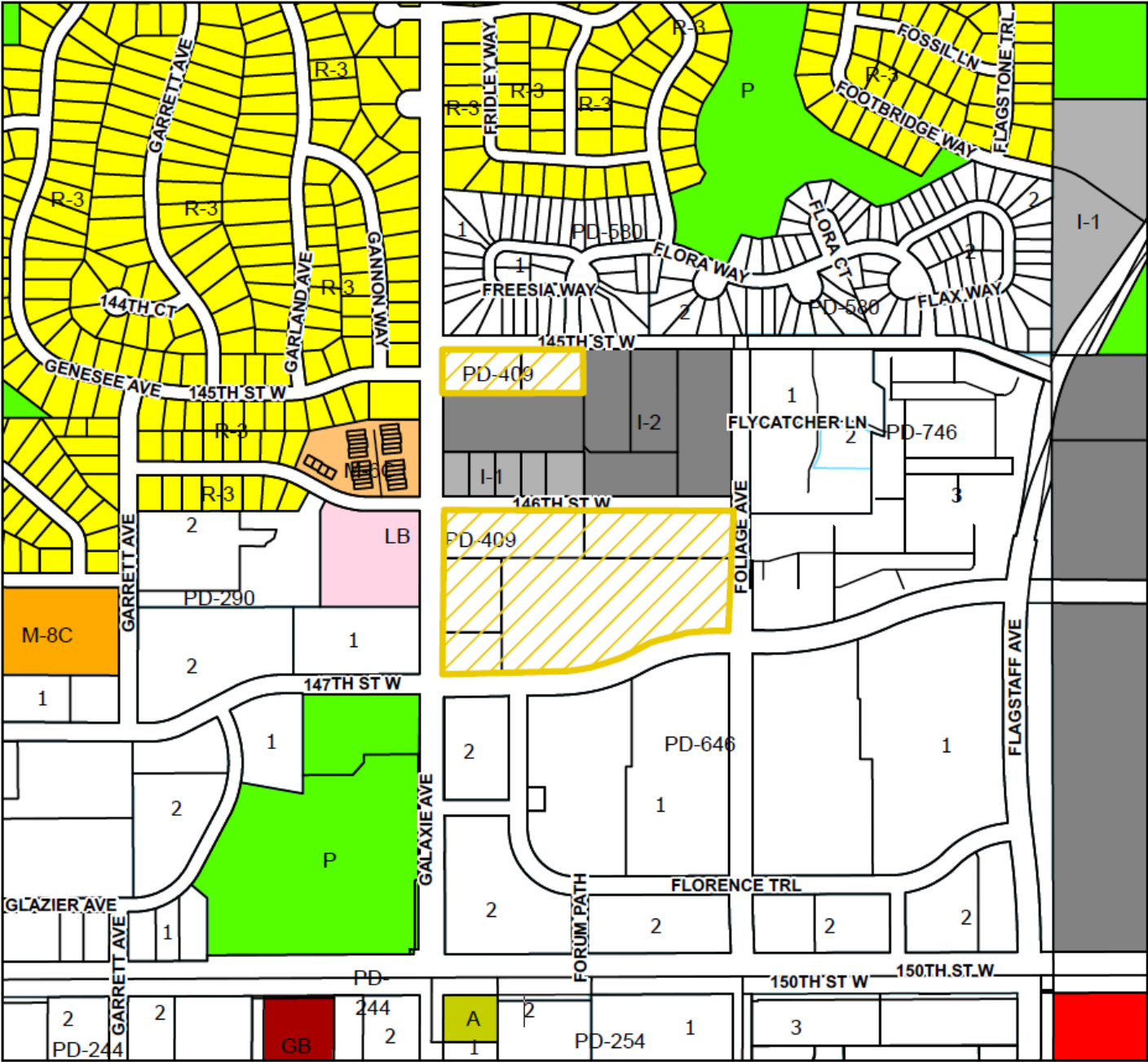


Zoning Map

"PD-409" (Planned
Development No.
409)



“PD-409”
(Planned
Development No.
409)



PD-409 Text Amendments

§ A16-3 CONDITIONAL USES.

(2) Cannabis Microbusiness as regulated in §155.320, subject to the following additional conditions:

(a) All cannabis microbusiness activities shall occur and take place indoors of a delineated identified space of the primary building on site. Outdoor operations of any kind are prohibited.

(b) No retail sales of cannabis or cannabis products shall be permitted except in conjunction with a cannabis microbusiness in operation on the site and with a retail operations endorsement

(c) An odor mitigation plan shall be submitted with the application and all cultivation, manufacturing, processing and packaging operations shall be in compliance with the odor mitigation plan and MN licensing regulations. The space in which the operation is located shall be equipped with and in operating condition odor control filtration and ventilation system(s) to control odors, humidity, and mold.

(d) Off-street loading areas in conjunction with a cannabis microbusiness is subject to §155.354.

(e) On-site retail operations in conjunction with a cannabis microbusiness are subject to §A16-2(19).

Section 155.320 Text Amendments

Guiding	Commercial						Industrial			PD	AG
Zoning District	NCC	LB	GB	RB	SC	VB	BP	I-1	I-2	PD	
Business Type											
Cannabis Retailer	P			P	P	P				PD-R	
Cannabis Microbusiness							P*	P*	P*	**	
Cannabis Mezzobusiness							P*	P*	P*		
Cannabis Cultivator (Indoor only)							P	P	P		
Cannabis Cultivator (Outdoor)							P	P	P		P
Cannabis Manufacturer							P	P	P		
Cannabis Wholesaler							P	P	P		
Cannabis Transporter							P	P	P		
Cannabis Testing Facility							P	P	P		
Cannabis Event Organizer Temporary Event	P			P	P	P					
Cannabis Delivery Service	P			P	P	P	P*	P*	P*		
Medical Cannabis Combination Business (Retail location only)	P			P	P	P				PD-R	
Medical Cannabis Combination Business (Cultivation and processing)							P*	P*	P*		
Lower-potency Hemp Edible Manufacturer							P*	P*	P*		
Lower-potency Hemp Edible Retailer	P	P	P	P	P	P				PD-R	

** Cannabis Microbusiness may be allowed within a Planned Development district (or zones therein) when specifically allowed as a permitted or conditional use under the zoning regulations of the specific Planned Development district, subject to the provisions herein.

Considerations

- The purpose of this PD zone is to provide for an integrated mix of limited industrial, general business, retail business and limited business uses.
- Does a cannabis microbusiness align with the intended purpose of PD-409?
- PD-409 currently allows the following uses that are similar to the operations of a cannabis microbusiness:
 - Light fabrication, manufacturing and assembly, including the fact that some or all goods produced are retailed on site.
 - Research or testing laboratory conducted entirely within a building.
 - Retail, sales and services uses subject to a floor area maximum.
- Do the drafted conditions mitigate potential adverse impacts of the use?

Comments from Public Hearing

1. History of PD-409: The ordinance creating PD-409 was officially adopted in the City Code in 1988. The purpose of PD-409 is to allow for an integrated mix of limited industrial, general business, retail business and limited business uses. The properties within PD-409 were originally zoned "I-1" or "I-2" (Limited Industrial and General Industrial). The rezoning to PD was to allow for a wider range of permitted commercial uses than what was allowed under the previous zoning of I-1 and I-2. PD-409 is a hybrid of I-1, "GB" (General Business), and "RB" (Retail Business) zoning districts. The PD ordinance was drafted and adopted to limit retail and limited businesses uses to 35% of the total floor area of buildings within PD-409 to ensure that the district did not lose the industrial character as it is guided as an industrial land use.

Comments from Public Hearing

2. Existing uses/tenants within the multi-tenant building: The applicant has provided a document that shows the current utilization and tenant mix of the multi-tenant building at the subject property (attached). There are 12 tenant spaces within the building, two of which are currently vacant. The remaining suites are filled with various businesses.

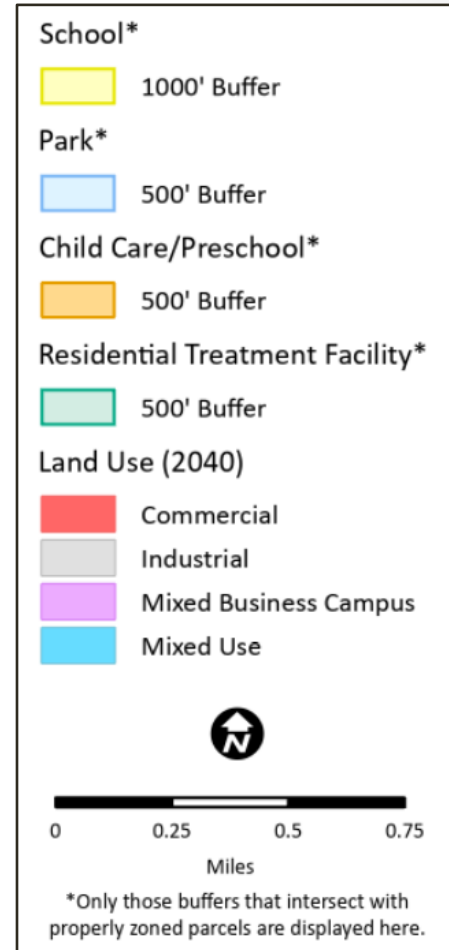
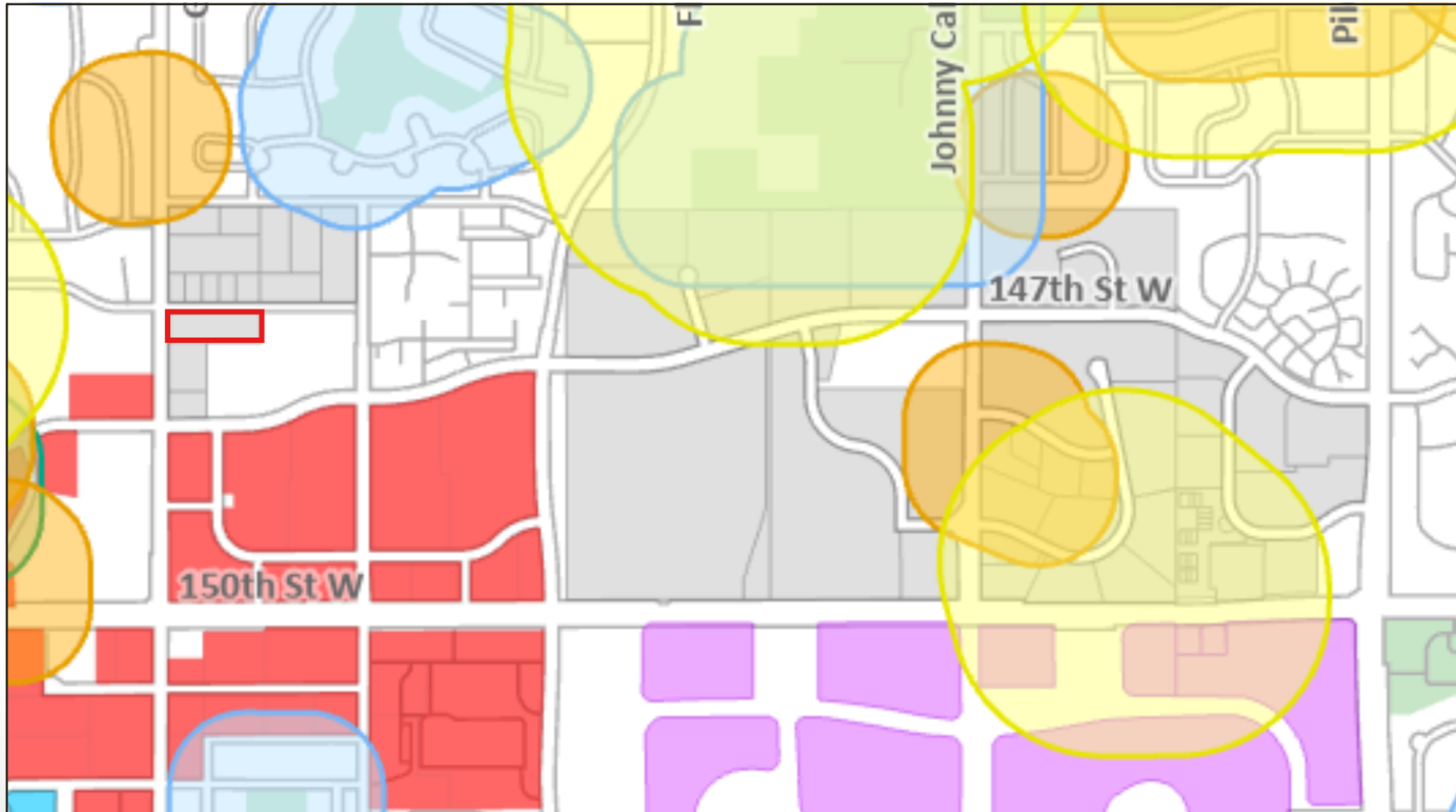
Comments from Public Hearing

3. Has the applicant considered locations where cannabis microbusinesses are currently allowed in Apple Valley?

Staff Response: Cannabis microbusinesses are currently allowed in "BP" (Business Park), I-1, and I-2 zoning districts. It appears that there are approximately 14 properties zoned for industrial use that do not have a buffer requirement. Please note that this does not mean that all 14 properties are available for sale or for lease, or are suitable for development.

Applicant Response: The applicant has provided a response of the locations that are available within the industrial zoning districts. The applicant has stated that all available locations that are zoned to allow a cannabis microbusiness are impacted by buffers. Please see the applicant's full response for specific locations that were considered.

Cannabis Buffer Map



Planning Commission Recommendation

The Planning Commission recommended denial of the passage of the amendments at the May 7, 2025, Planning Commission meeting by a 4-0 vote. A summary of the Planning Commission's findings and rationale for the recommendation of denial is as follows:

1. The existing zoning districts that allow cannabis microbusinesses are industrial (BP, I-1, I-2), and there are adequate opportunities to find a location that is properly zoned.
2. The industrial zoning districts are best suited for the operations of a cannabis microbusiness.
3. PD-409 is adjacent to existing residential properties and the amendment would allow for a cannabis microbusiness to operate in close proximity to those residential properties.
4. Allowing cannabis microbusinesses in PD-409 could cause disturbances in the area and nearby neighborhoods.

Action Requested

If the City Council concurs with the Planning Commission's recommendation of denial, then the action would be as follows:

1. Affirm the Planning Commission's recommendation of denial made at the May 7, 2025, Planning Commission meeting and deny the passage of an Ordinance amending Article 16, Planned Development No. 409 of the City Code to allow cannabis microbusiness; and
2. Affirm the Planning Commission's recommendation of denial made at the May 7, 2025, Planning Commission meeting and deny the passage of an Ordinance amending Section 155.320(C) of the City Code to allow cannabis microbusinesses in planned developments.

If the City Council prefers to reverse the recommendation made by the Planning Commission, and accept further review of the requested amendments, or consider passing the requested ordinance amendments, then the action may be as follows:

1. Accept first reading of an Ordinance amending Article 16, Planned Development No. 409 of the City Code to allow cannabis microbusinesses; and
2. Accept first reading of an Ordinance amending Section 155.320(C) of the City Code to allow cannabis microbusinesses in planned developments.

Questions?

Agenda, Minutes & Packet Website

May 22, 2025



New Agenda, Minutes, Packet Website



“Go Live” on May 19, 2025

Benefits

- Consolidated location for all agendas, minutes, packets
- Look and style consistent with brand guide
- Searchable
- Mobile/tablet friendly
- Ease of navigation

<https://applevalleymn.portal.civicclerk.com>



Government

Departments & Services

I Want To...

Live

Open the *Government* page

Agendas & Minutes

Meeting Videos

Election

City Council

Communications

Code of

Commissions & Committees

Public Notices

Sustaini

Valley



June 2025							<	>
S	M	T	W	T	F	S		
1	2	3	4	5	6	7		
8	9	10	11	12	13	14		
15	16	17	18	19	20	21		
22	23	24	25	26	27	28		
29	30							

From Date



To Date



City Council, advisory committees and commissions, and Economic Development Authority meeting files from May 21, 2025, to the present can be found below. [Historical meetings](#)

Event Categories

Type or select an event category to filter...



Search

Search all content...



VIEW TODAY

Coming Up

Monday

JUN 2,
2025

7:00 PM CST

Telecommunications Advisory Committee Meeting



Apple Valley Municipal Center 7100 147th St W Apple Valley, Minnesota 55124

Telecommunications Advisory Committee

Wednesday

JUN 4,
2025

7:00 PM CST

Planning Commission Meeting



Apple Valley Municipal Center 7100 147th Street West City of Apple Valley, MN 55124

Planning Commission

Thursday

JUN 5,
2025

6:00 PM CST

Parks and Recreation Advisory Committee Meeting



Apple Valley Municipal Center 7100 147th St W Apple Valley, Minnesota 55124

Parks and Recreation Advisory Committee

Thursday

JUN 12,
2025

City Council Meeting



Apple Valley Municipal Center 7100 147th Street West City of Apple Valley, MN 55124

City Council, advisory committees and commissions, and Economic Development Authority meeting files from May 21, 2025, to the present can be found below. [Historical meeting files can be found here.](#)

Event Categories

Type or select an event category to filter...



- ☐ City Council
- ☐ Cemetery Advisory Committee
- ☐ Economic Development Authority
- ☐ Parks and Recreation Advisory Committee

Search

Search all content...



7100 147th Street West City of Apple Valley, MN 55124

2025

Thursday

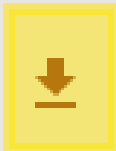
MAY 22,
2025

7:00 PM CST

City Council Meeting

📍 Apple Valley Municipal Center 7100 147th Street West City of Apple Valley, MN
55124

City Council





Meeting
Overview



Meeting
Files



Share
Meeting

Agenda



Agenda Packet



A. Approve Minutes of the May 8, 2025...

Agenda Memo



Minutes



B. Adopt Resolution setting public hea...

Agenda Memo



Resolution



C. Adopt Resolution approving State ...

Agenda Memo



Resolution



D. Approve 2025 Fuel Dispensing Facil...

Agenda Memo



1

of 1



Automatic Zoom



ITEM:

COUNCIL MEETING DATE:

SECTION:

4.B.

May 22, 2025

Consent Agenda

Description:

Adopt Resolution setting public hearing at 7:00 p.m. on June 12, 2025, to consider On-Sale Wine and 3.2 Percent Malt Liquor License application from Spice Village, LLC, 7520 149th Street W.

Staff Contact:

Stephanie Marschall, Deputy City Clerk

Department / Division:

Administration/City Clerk's Office

Action Requested:

Adopt Resolution setting public hearing at 7:00 p.m. on June 12, 2025, to consider On-Sale Wine and 3.2 Percent Malt Liquor License application from Spice Village, LLC, 7520 149th Street W.

Summary:

Spice Village, LLC, has applied for On-Sale Wine and On-Sale 3.2 Percent Malt Liquor Licenses for premises located at 7520 149th Street W. Attached is a resolution authorizing and directing staff to publish a hearing notice regarding the liquor license application.

Background:

National Public Works Week

May 18-24



National Public Works Week

May 18-24

Street Maintenance
Utilities/Water Treatment Plant
Fleet Maintenance
Natural Resources
Engineering
Building Inspections
Cemetery





Thank You To All Our Public Works Employees!



ITEM:
COUNCIL MEETING DATE:
SECTION:

7.A.
May 22, 2025
Calendar of Events

Description: Approve Calendar of Upcoming Events	
Staff Contact: Stephanie Marschall, Deputy City Clerk	Department / Division: Administration/City Clerk's Office

Action Requested:

Approve the calendar of upcoming events as listed in the summary below, and noting that each event listed is hereby deemed a special meeting of the City Council.

Summary:

Tue./May 20	4:30-6:30 p.m.	AV Chamber of Commerce	Chamber Business After Hours / Ribbon Cutting Ceremony
Wed./May 21	7 p.m.	Municipal Center	Planning Commission Meeting CANCELLED
Thur./May 22	11 a.m.-1 p.m.	Valleywood	State of the City Address
Thur./May 22	6:00 p.m.	Municipal Center	Economic Development Authority Meeting CANCELLED
Thur./May 22	6-6:30 p.m.	Westview Elementary School	Hayes Youth Athletic Complex Groundbreaking Event
Thur./May 22	7 p.m.	Municipal Center	Regular City Council Meeting*
Mon./May 26		City Offices Closed	Memorial Day Holiday
Mon./May 26	8 a.m.	Lebanon Cemetery	Memorial Day Sunrise Service
Mon./May 26	10 a.m.	American Legion	Memorial Day Ceremony
Tue./June 3	4:30-6:30 p.m.	Apple Valley Senior Center	CR 42 Improvements Open House (Redwood Dr. to 147th St.)
Wed./June 4	8-9 a.m.	Las Tortillas, Rosemount	Chamber Coffee Connection
Wed./June 4	7 p.m.	Municipal Center	Planning Commission Meeting
Thur./June 5	6 p.m.	Municipal Center	Informal Parks & Recreation Advisory Committee Meeting
Thur./June 5	7 p.m.	Municipal Center	Regular Parks & Recreation Advisory Committee Meeting
Sat./June 7	2 p.m.	Bliss Homes	Ribbon Cutting Ceremony
Wed./June 11	9 a.m.	Municipal Center	Firefighters Relief Association Board Meeting
Thur./June 12	4:45-5:15 p.m.	Splash Valley	Ribbon Cutting Ceremony
Thur./June 12	5:30 p.m.	Municipal Center	Informal City Council Meeting

Thur./June 12	7 p.m.	Municipal Center	Regular City Council Meeting*
Wed./June 18	7 p.m.	Municipal Center	Planning Commission Meeting
Thur./June 19		City Offices Closed	Juneteenth Holiday
Fri./June 20	6:30-8:30 p.m.	Kelley Park	Music in Kelley Park
June 25-27		Duluth, MN	League of Minnesota Cities Annual Conference
Fri./June 27	6:30-8:30 p.m.	Kelley Park	Music in Kelley Park

Background:

Each event is hereby deemed a special meeting of the City Council, the purpose being informational or social gathering. Only events marked with an asterisk (*) will any action of the Council take place.

Budget Impact:

N/A

Attachments:

None