

CITY OF MADISON
AGENDA AND NOTICE OF MEETING
Regular Meeting of the City Council – **5:00 PM**
Monday October 24, 2022
Madison Municipal Building

1. CALL THE REGULAR MEETING TO ORDER

Mayor Thole will call the meeting to order.

2. APPROVE AGENDA

Approve the agenda as posted in accordance with the Open Meetings law, and herein place all agenda items on the table for discussion. A MOTION is in order. (Council)

3. APPROVE MINUTES

Page 1

A copy of the October 10, 2022 regular meeting minutes are enclosed. A MOTION is in order. (Council)

4. PUBLIC PETITIONS, REQUESTS, HEARINGS, AND COMMUNICATIONS (public/mayor/council)

Members of the audience wishing to address the Council with regard to an agenda item, presentation of a petition, utility customer hearing, or a general communication should be recognized at this time. A MOTION may be in order (Public/Council)

5. CONSENT AGENDA

A. Ambulance Minutes – October 11, 2022 – receive

Page 3

B. Revenue Expense Report – September 2022 - receive

Page 5

A MOTION may be in order to accept the reports and/or authorize the actions requested. (Council)

6. UNFINISHED AND NEW BUSINESS

Page 10

A. City Council Checklist. A DISCUSSION may be in order. (Manager, Council)

Page 11

B. Set Public Hearing Small Cities Coronavirus CDBG-CV. November 14, 2022, 5:00PM. A DISCUSSION and MOTION may be in order. (Manager, Council)

Page 12

C. Approve Conditional Use Permit – 816 6th Ave. A DISCUSSION and MOTION may be in order. (Manager, Council)

Page 14

D. Approve Conditional Use Permit – 521 2nd Ave. A DISCUSSION and MOTION may be in order. (Manager, Council)

Page 17

E. Approve use of Grand Theatre Wall for Public Art. A DISCUSSION and MOTION may be in order. (Manager, Council)

F. **Public Hearing 5:30. Special Assessments for Delinquent Charges.** A DISCUSSION and MOTION may be in order. (Manager, Council)

- Page 25
- G. Resolution 22-40. Certifying Delinquent Utilities, Mowing, and Other. A DISCUSSION and MOTION may be in order. (Manager, Council)
- Page 27
- H. Approve Demo Assessment Forgiveness. A DISCUSSION and MOTION may be in order. (Manager, Council)
- Page 28
- I. Approve Water Treatment Plant Filter Media Cleaning. A DISCUSSION and MOTION may be in order. (Manager, Council)
- Page 55
- J. Resolution 22-34 – Pay Range Steps. A DISCUSSION and MOTION may be in order. (Manager, Council)
- Page 57
- K. Resolution 22-41. Budget Transfers. A DISCUSSION and MOTION may be in order. (Manager, Council)
- L. League of MN Cities Memorial Field Coverage. A DISCUSSION and MOTION may be in order. (Manager, Council)
- M. Approve Lighting Bid. A DISCUSSION and MOTION may be in order. (Manager, Council)

7. MANAGER REPORT (Manager)

8. MAYOR/COUNCIL REPORTS (Mayor/Council)

9. AUDITING CLAIM

Page 59

A copy of the Schedule Payment Report of bills submitted October 10, 2022 through October 24, 2022 is attached for approval for Check No. 63538 through Check No. 63590 and debit card purchases. A MOTION is in order.

10. ADJOURNMENT

**CITY OF MADISON
OFFICIAL PROCEEDINGS**

**MINUTES OF THE MADISON CITY COUNCIL
REGULAR MEETING
OCTOBER 10, 2022**

Pursuant to due call and notice thereof, a regular meeting of the Madison City Council was called to order by Mayor Greg Thole on Monday, October 10, at 5:04 p.m. in Council Chambers at City Hall. Councilmembers present were: Mayor Greg Thole, Tim Volk, Paul Zahrbock and Adam Conroy. Also present was: City Manager Val Halvorson, City Attorney Rick Stulz, and City Clerk Christine Enderson. Councilmember absent was Maynard Meyer.

AGENDA

Upon motion by Volk, seconded by Conroy and carried, the agenda was approved as presented. All agenda items are hereby placed on the table for discussion.

MINUTES

Upon motion by Conroy, seconded by Volk and carried, the September 26, 2022, regular meeting minutes were approved as presented.

PUBLIC PETITIONS, REQUESTS, HEARINGS AND COMMUNICATIONS

None

CONSENT AGENDA

Upon motion by Conroy, seconded by Zahrbock and carried, the Consent Agenda was approved as presented.

CITY COUNCIL CHECKLIST

Council reviewed the City Council Checklist.

ELECTION JUDGE APPOINTMENTS

Upon motion by Conroy, seconded by Volk and carried, **RESOLUTION 22-39** titled "Election Judge and Alternate Election Judge Appointments" was adopted. This resolution would provide for the appointment of judges and alternates for the General Election to be held on November 8, 2022, in the City of Madison. A complete copy of Resolution 22-39 is contained in City Clerk's Book #10.

FIBER TO THE PREMISES –LOCAL MATCH

Upon motion by Volk, seconded by Conroy and carried, Council approved the disbursement of local match for the Fiber to the Premises project in the amount of \$400,000. Per the proposal approved in January 2022, the total investment to complete the project is \$4,468,994. Farmers Mutual is able to fund the requested \$1,500,000 and estimated overages while \$2,468,994 will be covered by the CDBG-CV grant, and the City is to match \$400,000. Lac qui Parle County had agreed to pay half the local match.

CITY MANAGER'S REPORT

Conditional Use Permit Hearings: Public hearings are scheduled for October 21st at 12 p.m. and 12:10 p.m. with the Planning and Zoning Commission.

PFA 2023 Draft Intended Use Plan: Due to the lack of a 2022 bonding bill, the state-matching funds to obtain additional federal program dollars are not available. The fundable range on the 2023 Intended Use

Plan (IUP) is currently limited to carryover projects approved in prior State fiscal years. This will remain until a new bonding bill is passed and either the 2023 IUP is amended or the 2024 IUP comes out.

Utility Bond: In response to a utility bond question at the September 26th City Council Meeting and whether it effects the City's debt score - Utility bonds are exempt from statutory net-debt and if the City can show a majority is supported by sewer and/or water revenues, it is excluded from debt score.

MAYOR/COUNCIL REPORTS

Madison EDA: October 3rd meeting update was provided.

Chamber of Commerce: October 5th meeting update was provided.

DISBURSEMENTS

Upon motion by Volk, seconded by Zahrbock and carried, Council approved disbursements for bills submitted between September 27 and October 10, 2022. These disbursements include United Prairie Check Nos. 63473-63537. Debit card and ACH purchases made between September 27 and October 10, 2022, were also approved as listed within the Claims Report.

There being no further business, upon motion by Conroy, seconded by Zahrbock and carried, meeting adjourned at 5:36 pm.

Greg Thole - Mayor

ATTEST:

Christine Enderson – City Clerk

Madison Ambulance Service

October 11th, 2022

Call to Order: 645pm

Attendance: Completed by MC

Minutes of Last Meeting: Read & no changes

Treasurer Report: \$6,719.71

Training Officers Report: 44 Plan Oct 25th and Nov 22nd 6pm to 10pm, food provided

Run Review: no questions or discussion

Old Business:

- Grant/Stair Chair-still on backorder
- Run Reports/ICRs-missing patient address, minors need parents address, watch dates over midnight, need narratives, make sure to get face sheet (text Marissa if you cannot get one on odd hours), if a call is canceled you need to do a run report, do not use sheriff's office ICR #,
- New Emt's – Nia is scheduled to take next week, Sandy is taking November 14th
- ID Cards-Taking pictures TONIGHT!

New Business:

- Transfers/Helicopter/Fixed Wing-Need to get a "Physician Certification Statement for Ambulance Transportation" form for EVERY transfer (not mental health) from hospital, they will complete
- Steak Fry – at VFW 5-?, Please SHOW UP, it is meeting night, need 5-6 to serve, we do not grill, and all cleanup, wear t-shirts
- Basket Bingo-Nov 12th, Setup at 4pm, Doors open at 5, Bingo starts at 6, everyone make a pan of bars, see sign up sheet-each person should ask at least two business, can get cash and we will make basket, will also do card drawings
- Donation-\$1,000 donation from Isfeld, Motion made by Dan, 2nd by Peter to go towards Stair Chair, all approved.
- Auto Launch-See list from Life Link of items they would like to be auto launched for, communicate with the Sherriff's office if one has been launched
- Green back board is not CT friendly
- Elections of Officers – will be with the 44Plan night November 22nd
- FirstNet phones – trial phones, take and try, work off AT&T network.

Motion to Adjourn: Marissa motioned, Dan 2nd at 7:24pm

Rig Inspection/Hall Duties: completed

Next Meeting: October 24th @ 6:00 pm – 44Plan

REVENUE & EXPENSE REPORT

CALENDAR 9/2022, FISCAL 9/2022

PCT OF FISCAL YTD 75.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
	TOTAL REVENUE	56,451.39	1,261,505.93	1,686,664.27	425,158.34
	TOTAL EXPENSES	173,829.81	1,578,705.63	1,686,664.27	107,958.64
	GENERAL TOTAL	117,378.42-	317,199.70-	.00	317,199.70
	TOTAL REVENUE	15,247.70	97,538.84	112,500.00	14,961.16
	TOTAL EXPENSES	20,299.64	82,732.20	120,350.00	37,617.80
	AMBULANCE TOTAL	5,051.94-	14,806.64	7,850.00-	22,656.64-
	TOTAL REVENUE	847.17	69,625.09	6,092.00	63,533.09-
	TOTAL EXPENSES	22.50	1,681.96	.00	1,681.96-
	SCDP GRANT REVOLVING LOAN TOTA	824.67	67,943.13	6,092.00	61,851.13-
	TOTAL REVENUE	.00	473.51	12,066.00	11,592.49
	TOTAL EXPENSES	.00	23,903.91	.00	23,903.91-
	SCDP GRANT 2017 ADMIN TOTAL	.00	23,430.40-	12,066.00	35,496.40
	TOTAL REVENUE	.00	47,272.39	90,700.00	43,427.61
	TOTAL EXPENSES	4,130.83	30,519.47	92,391.00	61,871.53
	EDA TOTAL	4,130.83-	16,752.92	1,691.00-	18,443.92-
	TOTAL REVENUE	104.82	242.58	1,000.00	757.42
	TOTAL EXPENSES	.00	.00	200.00	200.00
	EDA REVOLVING LOAN FUND TOTAL	104.82	242.58	800.00	557.42
	TOTAL EXPENSES	.00	.00	.00	.00

REVENUE & EXPENSE REPORT

CALENDAR 9/2022, FISCAL 9/2022

PCT OF FISCAL YTD 75.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
	EDA DOWNPAYMENT LOAN TOTAL	.00	.00	.00	.00
	TOTAL REVENUE	.00	.00	20,000.00	20,000.00
	TOTAL EXPENSES	.00	.00	.00	.00
	SEWR SYSTEM REPLACEMENT TOTAL	.00	.00	20,000.00	20,000.00
	TOTAL REVENUE	.00	.00	.00	.00
	TOTAL EXPENSES	.00	.00	.00	.00
	2009 GO TEMP IMPROVE DEBT TOTA	.00	.00	.00	.00
	TOTAL REVENUE	.00	64,528.90	339,500.00	274,971.10
	TOTAL EXPENSES	.00	63,423.75	324,438.00	261,014.25
	INFRA. REPLACE. DEBT SERV TOTA	.00	1,105.15	15,062.00	13,956.85
	TOTAL REVENUE	.00	125,743.02	399,949.00	274,205.98
	TOTAL EXPENSES	.00	104,800.00	374,405.00	269,605.00
	2015 GO REFUNDING DS TOTAL	.00	20,943.02	25,544.00	4,600.98
	TOTAL REVENUE	.00	.00	145,014.00	145,014.00
	TOTAL EXPENSES	.00	143,487.50	143,489.00	1.50
	2016 GO REF/WT REV DS TOTAL	.00	143,487.50-	1,525.00	145,012.50
	TOTAL REVENUE	.00	.00	.00	.00
	TOTAL EXPENSES	.00	.00	.00	.00
	FTTP PROJECT FUND TOTAL	.00	.00	.00	.00

REVENUE & EXPENSE REPORT

CALENDAR 9/2022, FISCAL 9/2022

PCT OF FISCAL YTD 75.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
	TOTAL REVENUE	.00	.00	.00	.00
	TOTAL EXPENSES	2,167.50	55,752.50	.00	55,752.50-
	UTIL EXT PROJECT FUND TOTAL	2,167.50-	55,752.50-	.00	55,752.50
	TOTAL EXPENSES	.00	.00	.00	.00
	2009 GO TEMP IMPROVE PROJ TOTA	.00	.00	.00	.00
	TOTAL REVENUE	1,250.00	28,215.00	20,000.00	8,215.00-
	TOTAL EXPENSES	36,598.57	86,112.64	66,000.00	20,112.64-
	CULTURE & REC CAP. FUND TOTAL	35,348.57-	57,897.64-	46,000.00-	11,897.64
	TOTAL REVENUE	.00	1,089.60	80,000.00	78,910.40
	TOTAL EXPENSES	.00	.00	12,000.00	12,000.00
	BLDG & EQUIP CAP. FUND TOTAL	.00	1,089.60	68,000.00	66,910.40
	TOTAL REVENUE	.00	.00	80,000.00	80,000.00
	TOTAL EXPENSES	.00	23,255.00	75,000.00	51,745.00
	STREETS CAPITAL FUND TOTAL	.00	23,255.00-	5,000.00	28,255.00
	TOTAL REVENUE	59,505.61	473,144.28	620,250.00	147,105.72
	TOTAL EXPENSES	45,421.35	375,441.42	796,288.87	420,847.45
	WATER TOTAL	14,084.26	97,702.86	176,038.87-	273,741.73-
	TOTAL REVENUE	43,741.76	366,051.59	480,000.00	113,948.41
	TOTAL EXPENSES	37,763.52	415,226.37	701,168.35	285,941.98

REVENUE & EXPENSE REPORT

CALENDAR 9/2022, FISCAL 9/2022

PCT OF FISCAL YTD 75.0%

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
	SEWER TOTAL	5,978.24	49,174.78-	221,168.35-	171,993.57-
	TOTAL REVENUE	23,958.56	210,289.87	284,950.00	74,660.13
	TOTAL EXPENSES	35,302.88	163,510.60	264,358.94	100,848.34
	SANITATION TOTAL	11,344.32-	46,779.27	20,591.06	26,188.21-
	TOTAL REVENUE	117,659.85	1,113,705.92	1,533,000.00	419,294.08
	TOTAL EXPENSES	111,843.56	976,290.97	1,418,575.36	442,284.39
	ELECTRIC UTILITY TOTAL	5,816.29	137,414.95	114,424.64	22,990.31-
	TOTAL REVENUE	12,623.20	113,503.75	151,650.00	38,146.25
	TOTAL EXPENSES	8,786.82	81,220.46	236,954.52	155,734.06
	STORM SEWER TOTAL	3,836.38	32,283.29	85,304.52-	117,587.81-
	TOTAL REVENUE	40,975.32	352,182.06	473,000.00	120,817.94
	TOTAL EXPENSES	38,814.23	324,092.72	475,311.81	151,219.09
	LIQUOR TOTAL	2,161.09	28,089.34	2,311.81-	30,401.15-
	TOTAL REVENUE	25,485.05	177,491.55	174,120.00	3,371.55-
	TOTAL EXPENSES	10,683.45	164,411.12	214,362.00	49,950.88
	EASTVIEW APARTMENTS TOTAL	14,801.60	13,080.43	40,242.00-	53,322.43-
	TOTAL REVENUE	2,250.00-	84,285.19	134,000.00	49,714.81
	TOTAL EXPENSES	.00	.00	125,000.00	125,000.00
	RESERVE TOTAL	2,250.00-	84,285.19	9,000.00	75,285.19-

REVENUE & EXPENSE REPORT
CALENDAR 9/2022, FISCAL 9/2022**PCT OF FISCAL YTD 75.0%**

ACCOUNT NUMBER	ACCOUNT TITLE	MTD BALANCE	YTD BALANCE	BUDGET	DIFFERENCE
	REVENUE & EXPENSE FUND SUMMARY	130,064.23-	107,679.15-	282,501.85-	174,822.70-

CITY COUNCIL CHECKLIST

10/21/2022

ITEM	DATE	ADDRESSED BY	RESPONSIBLE TO COMPLETE	Progress Notes	COMPLETE
Recreation Facility	5/2/2017	EDA	CM, Conroy	On hold - will require additional community engagement	ongoing
MNDOT 2023	5/11/2015	Zahrbock	CM, Engineer	2023 Construction - Utility relocation plans due 9/28/22	ongoing
Downtown Renovation Fund	1/1/2022	Meyer	CM,	308 6th Ave - brainstorm	ongoing
EDA CIP Program	1/1/2022	EDA	EDA	approved 6 applications - 2 on hold - 4 agreements signed	ongoing
Downtown Open Space-Block 48	9/19/2022	Conroy	CM EDA	EDA 2nd meeting with architect held 6/6/22	ongoing
Daycare Performance/EDA Appropriation	9/1/2017	EDA	Community	Report received by EDA on 10/3/2022	ongoing
May 12, 2022 Storm	5/12/2022	Council	CM, EM	LMC update, FEMA scoping meeting October 19th, 2022	
Broadband Exploration	9/26/2022	Meyer	CM,committee	39 Costomers connected, all by December 1.	
Infrastructure North Expansion	9/1/2021	Council	CM, council	PFA non funded until bonding bill, approved design	
City Hall Restoration and Maintenance	6/1/2017	Council	CM, BM	Painting of siren tower. Windows awarded \$286,000	
Tennis/Basketball Courts	7/2/2021	Conroy	CM, Parks	End of Life. Contacted USTA, Outdoor Rec Grants, Design Method determination	
Carneige Library Roof	1/1/2022	Parks	Manager	All documents submitted - wating for FY23 appropriation	
Welcome Sign School Pride State Champ	8/20/2022	Zahbrock	CM, PZ, AC	School delay, but still working on	

October 20, 2022

PUBLIC HEARING NOTICE

Notice is hereby given that a second public hearing will be held for the purpose of soliciting public feedback on the grant progress and results regarding the Small Cities Coronavirus CDBG-CV Program grant awarded by the Department of Employment and Economic Development (DEED). The grant is for broadband infrastructure in the City of Madison. All interested persons are invited. Oral and written comments may be presented.

The City of Madison will hold its public hearing on Monday November 14th starting at 5 pm in the City of Madison Council Chambers at 404 6th Ave, Madison Minnesota.

NOTE: Please print above notice in legal type size for **two weeks**
Please send our office an "affidavit" for this Public
Hearing Notice. Thank you.

APPLICATION FOR PLANNING REQUEST
CITY OF MADISON



Street address of property: 816 6th Ave Zoning: _____

Legal Description: _____

Applicant:

Name: CHAD & Lynn Kranz Phone #: 320-226-0980

Address: 816 6th Ave

City/State/Zip: MADISON MI

Property Owner:

Name: CHAD & Lynn KRAUZ Phone #: 320-226-0980

Address: 816 6th Ave

City/State/Zip: MADISON, MI 56256

Type of request: Variance ☐ Rezoning ☐ Conditional Use Permit ☒ Plan Review ☐

Subdivision Plat ☐ Other ☐ _____

Description of request: Build a 32x60 garage

Existing use: Grage open area

Is this a permitted use under the current zoning ordinance? Yes ☐ No ☒ If no, attach a copy of the conditional use permit, variance, or other document permitting use, or attach an explanation of why the use is permitted.

Has a variance, conditional use permit, or rezoning been applied for previously? Yes ☐ No ☒ When? _____

When the City is required to get outside review, such as legal, engineering, etc., or there are direct costs for processing the application, such as publishing required notices, the costs are billed to the applicant and the applicant, by signing this request, agrees to pay such fees.

[Signature]
Applicant Signature

Date: 9-14-22

Application Received by:
[Signature]

Date: 9-28-22

**NOTICE OF PUBLIC HEARING
CONDITIONAL USE**

TO WHOM IT MAY CONCERN:

Notice is hereby given that the Planning Commission of Madison, Minnesota, will meet in the Auditorium of the Madison Municipal Building at 12 noon on Friday, October 21, 2022 in a public hearing to consider comments on the proposed Conditional Use Permit for construction of a 32' x 60' residential storage garage on property located at 816 6th Avenue, in the City of Madison, Lac qui Parle County, State of Minnesota.

By Order of the Planning
Commission Secretary

Published in The Western Guard October 11, 2022

APPLICATION FOR PLANNING REQUEST
CITY OF MADISON



Street address of property: 601 1st St. W. Madison

General
Zoning: Industrial Dist.

Legal Description: Attached

Applicant:

Name: Kristine Shelsman

Phone #: 512-626-9972

Address: _____

City/State/Zip: _____

Property Owner:

Name: Kristine Shelsman

Phone #: 512-626-9972

Address: 521 2nd Ave

City/State/Zip: MADISON, MN

Type of request: Variance ☐ Rezoning ☐ Conditional Use Permit ☒ Plan Review ☐

Subdivision Plat ☐ Other ☐

Description of request: operate business in Industrial Zone

Existing use: _____

Is this a permitted use under the current zoning ordinance? Yes ☐ No ☐ If no, attach a copy of the conditional use permit, variance, or other document permitting use, or attach an explanation of why the use is permitted.

Has a variance, conditional use permit, or rezoning been applied for previously? Yes ☐ No ☒ When? _____

When the City is required to get outside review, such as legal, engineering, etc., or there are direct costs for processing the application, such as publishing required notices, the costs are billed to the applicant and the applicant, by signing this request, agrees to pay such fees.

Kristine Shelsman
Applicant Signature

Date: 7 Oct 22

Application Received by:

Christine Enders

Date: 10/7/22

Businesses in Building ~~March~~

1. MADISON Art Gallery (SOle3)
2. MADISON Mercantile Coffee house
3. Healing STONE Massage therapy
4. Camden Recap Sports Newspaper
5. Corina Kells Art and Photography
6. MARY Boylan ART
7. The country Butcher
8. Tentative: Bit Coin Mining Facility
9. Tentative: Fishmore manufacturing
10. Tentative: GOOD Food Co-op
11. January 2023 - MADISON ART and INNOVATION Center
12. Torchwood Communications - Landlord/Building mgr.

**NOTICE OF PUBLIC HEARING
CONDITIONAL USE**

TO WHOM IT MAY CONCERN:

Notice is hereby given that the Planning Commission of Madison, Minnesota, will meet in the Auditorium of the Madison Municipal Building at 12:10 p.m. on Friday, October 21, 2022 in a public hearing to consider comments on the proposed conditional use permits for businesses to operate in the industrial zoned land on property located at 103 6th Avenue South, in the City of Madison, Lac qui Parle County, State of Minnesota.

By Order of the Planning
Commission Secretary

Published in The Western Guard October 11, 2022

The main idea

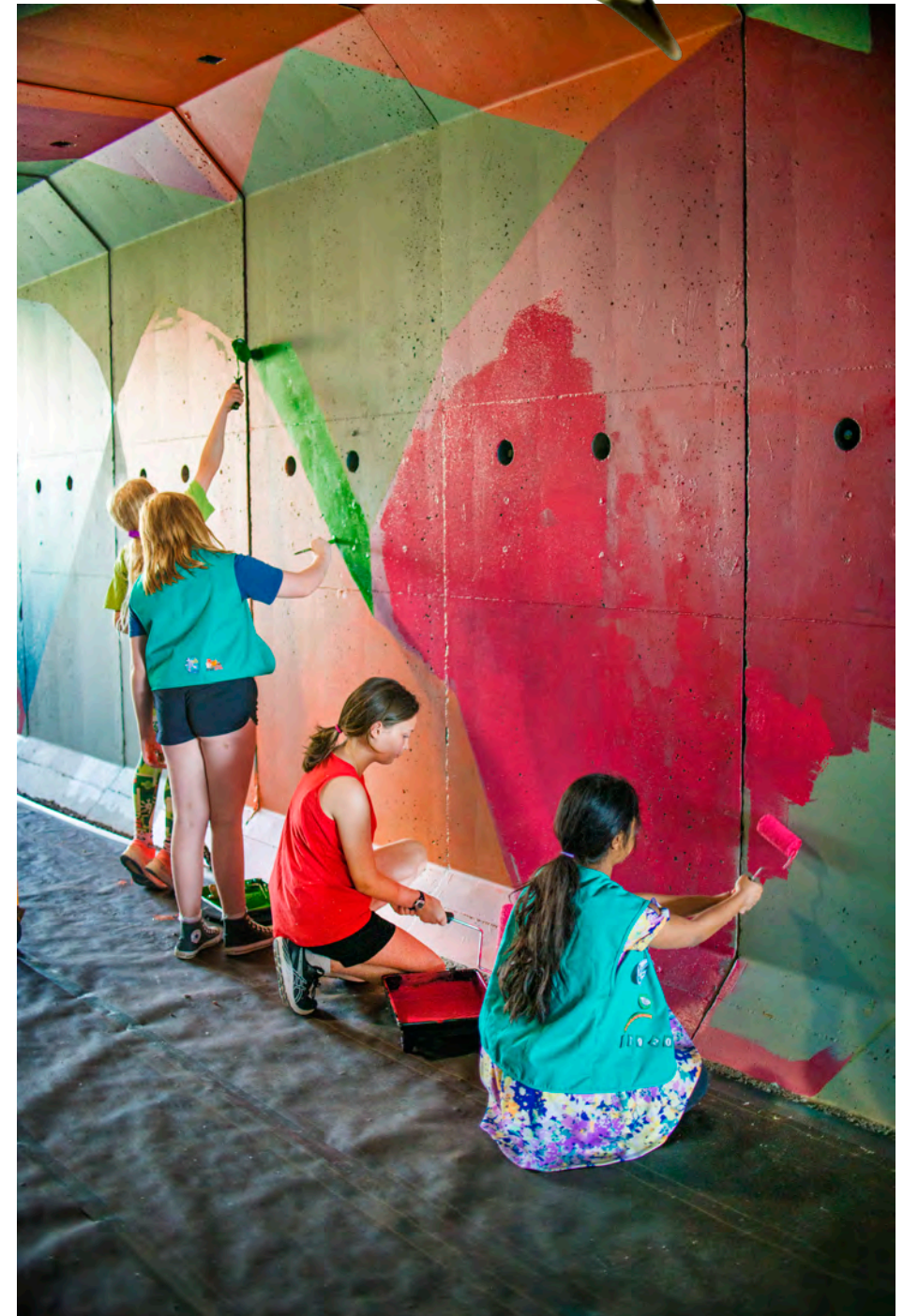


Public art can do many things: it can nurture a sense of place and identity, celebrate stories of communities, encourage economic vitality, and promote healing. I take pride in creating public art that is durable and high quality, yet playful and accessible to all.

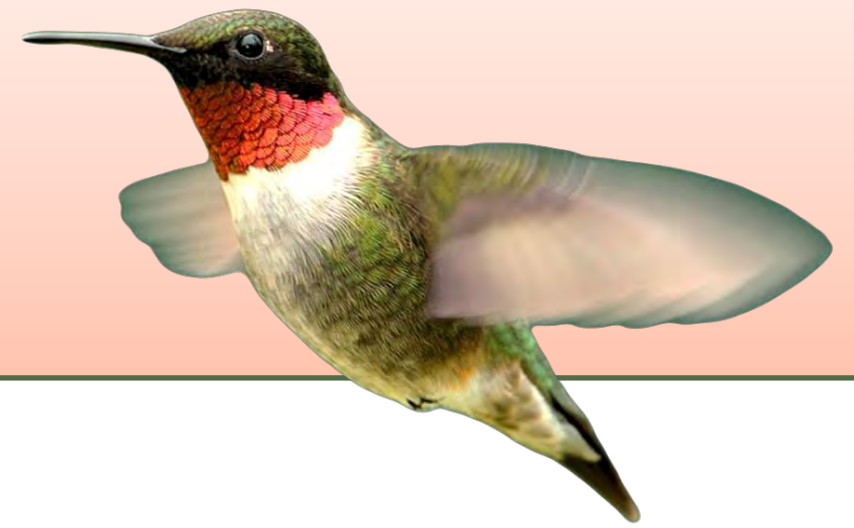
My mural proposal for Madison's Grand Park is designed to integrate with the adjacent garden landscaping and curving walkways as well as reflect some of the defining features of the area such as agriculture, hand crafted arts and Madison's identity as part of the upper Minnesota River community.

I am thrilled to submit this design for a new mural based on the stated goals of this project and what I've learned about Madison through research. I would love to offer a fun paint event that will further open the mural process and ownership of the communal space.

Once the design is approved, the process will involve projecting the design and creating a large paint by number for community members to paint during a fun paint event that will be accessible to all ages and abilities with mural canvases laid out on tables. I will then install those canvases directly to the wall as a permanent component to the mural as well as painting directly to the wall to give Grand Park a high quality, professional mural that will last about 20 years with low upkeep required.

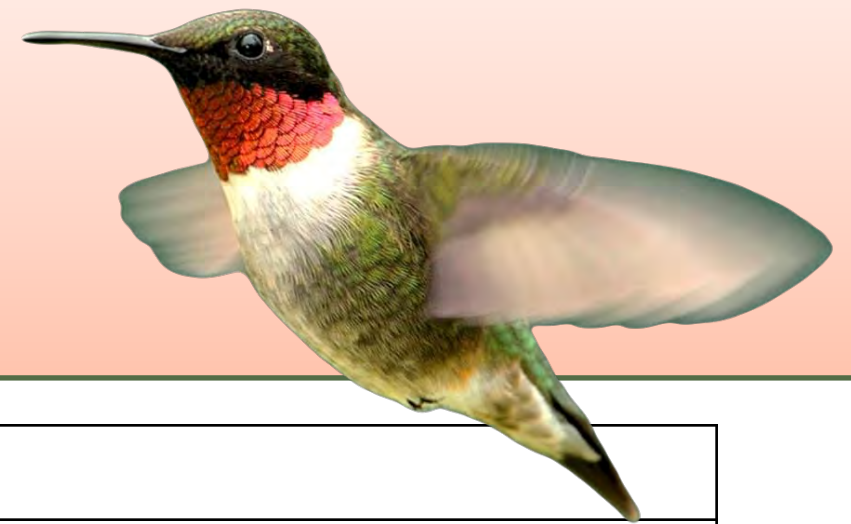


Why, “Humming with the Earth”?



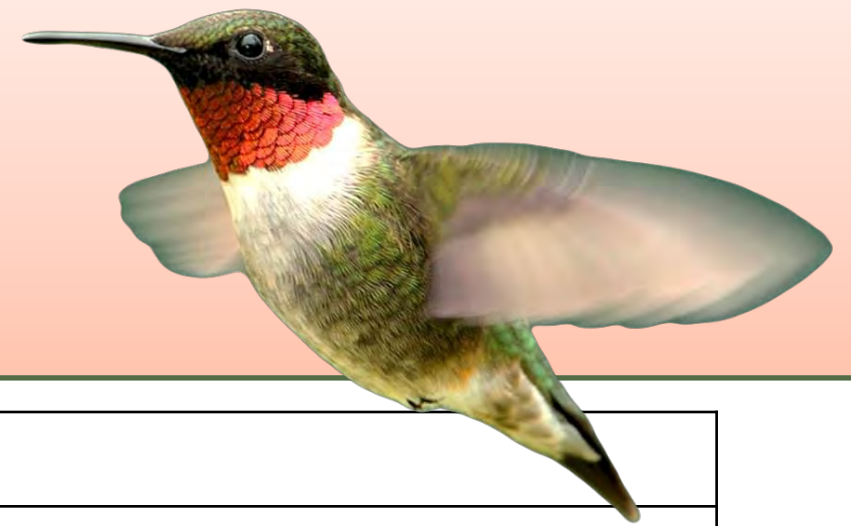
The Earth is humming with change all the time— through the weeks of a month, through the seasons of growth and freeze, through the frenzied hurry of pollination and future generations—we are part of this rhythm. We hum along as we participate in growth and change, both in response and resolve. We hand off our learning, craft and culture to future generations, sewing into the land and into things to come. Just as a river moves along steadily and is always new, there is so much happening all around us and within us.

What you see



Elements in the design	Meaning
Hummingbird	The border of Minnesota and South Dakota marks the edge of the ruby-throated hummingbird's breeding ground and the beginning of its migratory path, representative of the hurried pace of the short growing season in Minnesota as well as the hurried pace we find ourselves in, they are special birds that cause us to stop what we are doing and take notice of them.
Quilt pattern	Both Dakota/Sioux and Nordic traditional quilts incorporate the star pattern represented in the mural, showing the cross-over of cultures and how these patterns are like our cultural and community flags. Quilts evoke feelings of home, identity and belonging and speak to the passing down of tradition and craft through the generations.
Geometric shapes (quilt)	Representative of the modern built-landscape, people-made places
Upper Minnesota River	Madison, MN is defined in part by its proximity to the Upper Minnesota River and it's connection to the surrounding communities in that particular region, especially in regards to its involvement with the Meander Art Crawl. Bodies of water like the Minnesota River hold so much cultural history including a kind of origin for many communities that first settled along it, branching out from there. Rivers are always in motion, both the same and new every day— just like us.

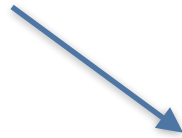
What you see



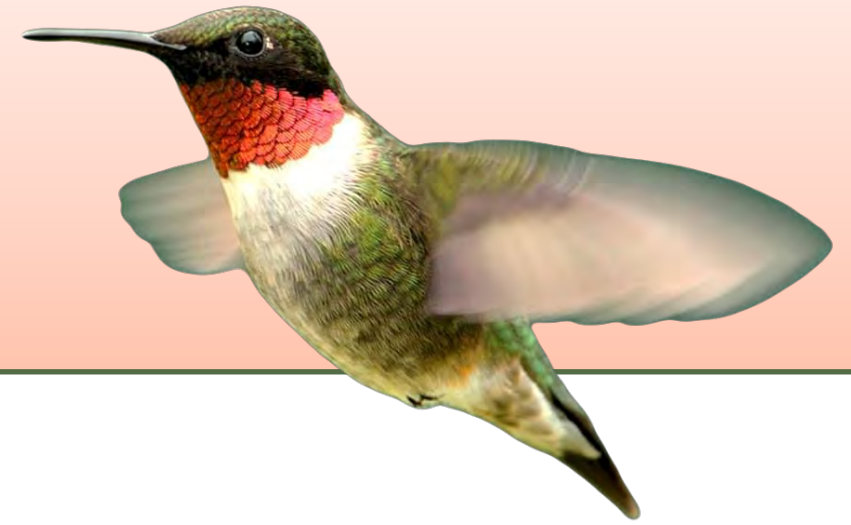
Elements in the design	Meaning
Woven Basket Detail	Symbolic of handmade local art and the beauty of our functional and cultural pieces that play a part in our daily lives
Frost	Speaking to the suddenness of the cold and how we respond to it with resilience as Minnesotans. Noticing the beauty of the shapes a frost makes on glass, pausing to appreciate it (even when our better judgement might tell us to fly south! Haha)
Moon Phases	Plants, animals, and people are made up of mostly water. The moon's gravity pulls on us, whether we are aware of it or not. Our bodies respond to the celestial body just beyond earth. It marks the times and shines a light in the darkness.
Arugula Flower	Even crops like Arugula can have dainty beautiful flowers that we often don't see because there isn't time for it to grow and bolt since, for consumption reasons, we harvest it before this point. Again, letting nature teach us to wait for something good, to self-seed and start again.
Checkered White Butterflies	Symbolizing transformation and the dynamic relationship we have with these bugs that are both destructive caterpillars and beautiful pollinators
Corn field	Not only does the nature of where we live play some part in defining us, but we also define the nature where we live. This is true with agriculture. It is such a strong connection place of relationship ²⁰ between people and the earth.

To get a sense of what you're looking at...

Examples of sketches created on the
computer and the final product.



Timeline



October 2022: Design proposal

November 2022- January 2023: Edits/Revisions based on your feedback

April 2023: Prepping materials

May 2023: Mural Painting Event followed by install and onsite painting

End of May 2023: Mural complete.

Budget

Grand Park Mural- Madison, MN				
10/3/2022				
Estimated Project Start-Winter/Spring 2023				
ARTIST DESIGN				
Development of 1 Digital Design			\$500	
Edits and final rendering based on mural committee feedback			\$250	
				\$750
COMMUNITY PAINT EVENT				
Prep (priming, projecting, marking)				
Lead Artist	8 hrs	\$50/hr	\$400	
Assistant	16 hrs	\$30/hr	\$480	
1 Community Paint Party				
Lead Artist	4 hrs	\$50/hr	\$200	
Assistant	4 hrs	\$30/hr	\$120	
				\$800
Mural FABRICATION				
Projecting:				
Lead Artist (layout work)	6 hrs	\$50/hr	\$300	
Assistant	6 hrs	\$30/hr	\$180	
				\$480
INSTALLATION (of polytab portions + direct painting)				
Lead Artist	100	\$50/hr	\$5,000	
Assistant	100	\$30/hr	\$3,000	
				\$8,000
PROJECT COORDINATION				
Project Management			\$1,000	
Liability Insurance			\$1,000	
				\$2,000
MATERIALS				
Community Events Materials (expendables, etc.)			\$150	
Parachute cloth fabric	1 roll		\$400	
Clearcoat	5 gallons		\$500	
Expendables: tape, tar paper, rollers, brushes, etc.			\$500	
Nova color paint			\$1,500	
Noval gel for priming and install	10 gallons		\$700	
Wall Prep:				
Lift/scaffolding and permits			\$3,000	
Wall Priming (labor + priming)			\$1,000	
				\$7,750
	23		TOTAL	\$19,780



**CITY OF MADISON MINNESOTA
RESOLUTION NO. 22-40**

STATE OF MINNESOTA)
COUNTY OF LAC QUI PARLE)
CITY OF MADISON)

**RESOLUTION CERTIFYING DELINQUENT UTILITIES,
WEED ERADICATION (MOWING), AND OTHER CITY SERVICES
AGAINST RESPECTIVE PROPERTIES**

WHEREAS, the City of Madison desires to certify delinquent utilities, weed eradication (mowing), and other city services against the respective properties; and

WHEREAS, the City of Madison Code provides that the owner shall be liable for city utility services supplied to their property, whether he or she is occupying the property or not; and

WHEREAS, a notice and an opportunity for a hearing have been provided to affected owners of said property, and all such charges which are unpaid shall be certified to the County Auditor. The amounts so certified shall be extended by the Auditor on the tax rolls against such premises in the same manner as other taxes, payable in one year with no interest; and

WHEREAS, following is the name of the owner, address of property served, and amount to be certified. Any amounts collected prior to November 15, 2022, will be removed and not certified to the Auditor.

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MADISON, LAC QUI PARLE COUNTY, MINNESOTA, that the City Clerk is hereby authorized to certify the aforementioned special assessments to the County Auditor.

DELINQUENT UTILITY ACCOUNTS/MOWING/ OTHER CITY SERVICES

UTILITIES:

<u>Parcel</u>	<u>Name</u>	<u>Property Served</u>	<u>Amount Due</u>
(Parcel #54-0048-000)	Rogelio Diaz (Brandon Bendel)	706 7 th Avenue	\$408.69
(Parcel #54-0174-000)	Manny Fred (Brandon Bendel)	410 7 th Avenue	\$314.08
(Parcel #54-0063-000)	Talonda Jackson (Brandon Bendel)	621 W 6 th Avenue	\$491.72
(Parcel #54-0567-000)	Ann Serrano (Brandon Bendel)	1031 4 th Avenue	\$325.44
(Parcel #54-0181-000)	Katelyn Wiese (Brandon Bendel)	411 5 th Avenue Apt. #4	\$294.11
(Parcel #54-0495-000)	Dianna Cottle (Diane & Toby Cottle)	222 3 rd Street East	\$622.96
(Parcel #54-0468-000)	Mitchell Sprick (Mitchell & Tiffany Rhoades)	203 5 th Street East	\$192.80
(Parcel #54-0640-030)	Melissa Debraske	213 9 th Ave #201	\$191.64
	Jolene Wirkus (Early Sunset LLC)	213 9 th Ave #101	\$136.56
(Parcel #54-0055-000)	Kirk Trier	722 7 th Street	\$245.29
(Parcel #54-0640-040)	Sharon Miller	207 9 th Ave #102	\$114.78
(Parcel #54-0614-000)	Robert Jung	817 5 th Street East	\$43.89
(Parcel #54-0491-000)	Mason & Charlene Pomerleau (Destiny Moen)	321 Central Ave	\$840.33
(Parcel #54-0031-000)	Dan Wahl	713 4 th Avenue	\$1148.27

MOWING:

(Parcel #54-0273-000)	Joseph Goblirsch	322 8 th Avenue	\$242.38
(Parcel #54-0063-000)	Talonda Jackson (Brandon Bendel)	621 W 6 th Avenue	\$388.57

(Parcel #54-0491-000)	Mason & Charlene Pomerleau (Destiney Moen)	321 Central Ave	\$406.51
(Parcel #54-0443-000)	Sara Stewart	302 5 th Street East	\$552.70
(Parcel #54-0055-000)	Kirk Trier	722 7 th Street	\$798.91

SNOW REMOVAL:

(Parcel #54-0148-000)	Christina Crossland (Brandon Bendel)	622 5 th Street West	\$114.13
(Parcel #54-0048-000)	Rogelio Diaz (Brandon Bendel)	706 7 th Avenue	\$114.13
(Parcel #54-0567-000)	Ann Serrano (Brandon Bendel)	1031 4 th Avenue	\$228.26
(Parcel #54-0468-000)	Mitchell Sprick (Mitchell & Tiffany Rhoades)	203 5 th Street East	\$110.00

FIRE CALL:

(Parcel #24-0108-010)	David Peterson	2581 310 th Street	\$1,000.00
(Parcel #54-0052-000)	Martha Trevino (Brandon Bendel)	715 7 th Avenue	\$594.50

MISCELLANEOUS:

(Parcel #54-0610-000)	Lynda Smith (Lynda Smith & Christina Johnson)	409 8 th Avenue	\$50.00
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UTILITIES \$5,370.56
MOWING \$2,389.07
SNOW REMOVAL: \$566.52
FIRECALL: \$1,594.50
MISCELLANEOUS: \$50.00
GRAND TOTAL \$9,970.65

Upon vote taken thereon, the following voted:

For:
Against:
Absent:

Whereupon said Resolution No. 22-40 was declared duly passed and adopted this 24th day of October, 2022.

Greg Thole
Mayor

ATTEST: _____
Christine Enderson
City Clerk



Memo

To: Mayor and City Council

From: Christine Enderson, City Clerk

Date: October 20, 2022

Subject: Demolition /Special Assessments

Bruce and Coleen Hoiium purchased property at 512 4th Avenue formerly owned by Tim Trelstad. They have combined two parcels into one and are requesting that the remaining Infrastructure Replacement Project special assessments on the 512 4th Avenue parcel be removed. The remaining special assessments for utility work would be \$548.38 and for street work would be \$59.56.

Memo

To: Mayor and Council Members
From: Val Halvorson City Manager
CC: Dean Broin
Date: October 20, 2022
Re: Water Treatment Plant Filter Cleaning

Background:

The Water Treatment Plant utilizes a gravity filter with 3 cells that contain media to capture impurities from the water prior to the reverse osmosis filters. The Water Treatment Plant filter media was replaced in January 2019 at a cost of \$119,000. This process has been done every 7-10 years. The media particles become smaller and do not have the surface area to capture the metals from raw water.

In July of 2021 work was performed on cell 1 that required replacing the media to access and replace the air lateral that supports the backwash process. This cell is operating normally.

Cells 2 and 3 have not been functioning properly causing the plant to run at shorter times and increased staff intervention. Since the media age is still fairly new we wanted to avoid replacing. The media within these cells was tested to determine if it could be cleaned. The samples are run through the proprietary cleaning process and analyzed to determine how much material can be removed and if the media can be restored close to original condition.

The report showed treating the Anthracite and Greensand from cells 2 and 3 will remove from 412 to 618 pounds of deposits, and that cleaning should result in significant benefit,

Discussion/Recommendation:

Based on recommendations of our BMI engineer, MN rural water, and Water Supervisor I recommend approval.



Filter Media Analysis

Report# 3096-2
October 12, 2022

Filter 2

**City of Madison
Madison, MN 56256**

Prepared by:

Blue Earth Products
14580 W 99th St.
Lenexa, KS 66215

www.BlueEarthProducts.com



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Executive Summary

The Anthracite and Greensand media samples are covered with mixed deposits consisting of different minerals with the primary metal contaminant being iron.

Microscopy, the mineral content in the reaction supernatants, and dry weight loss show that there is significant fouling on the tested media. Based on the laboratory testing, treating the media will remove between 256 lbs and 306 lbs of deposits from Filter 2.

The expected benefits of cleaning media include lower head loss (which often results in longer filter runs), improved backwash air and water distribution and extended media lifetime. Additionally, cleaning media typically loosens filter beds so that the accumulated sludge can be washed out. Cleaning Greensand media in general can remove accumulated layers of regenerant, as well as accumulated calcium which blocks adsorption sites. Cleaning the filters helps ensure reliable performance through periods of poor source water quality and peak-demand, when operational problems due to media fouling usually first appear.

In conjunction with Blue Earth Products' Filter Fit® filter wall cleaner, Top Ultra™ storage tank cleaner and the addition of Clearitas® deposit control products in the distribution system, the procedure evaluated in this report can help reduce disinfection byproduct accumulation and chlorine demand by optimizing filtration and removing fouling from the entire water system.

The analysis contained herein provides the best available estimate of field cleaning performance and required chemical and neutralization dosages. However external factors, not considered in the lab report, may cause deviations between lab and field performance. Examples of external factors include but are not limited to: non-representative samples, excessive underdrain or filter wall fouling, poor chemical distribution and or mixing, inaccurate information provided on the Sample Information Sheet.

Important: All Blue Earth Products' filter and tank cleaning products can cause injury to personnel or damage to facilities if not handled or applied correctly. All users of these products must be trained and certified by Blue Earth Products prior to use. The expectations of product performance set forth in this laboratory report can only be realized in the field when administered by trained and qualified personnel. While multiple filters with common source water, treatment and performance may be present in your plant, the results and conclusions provided within this report are limited to the filter from which the media was sampled and assume a representative sample of media with sufficient amounts of all materials was provided initially. If this analysis is being used to infer conditions of more than the specific filter from which the sample was obtained, variations in the end-result may occur. Using the dosage recommendations of one filter as an estimation for the dosages applied to un-sampled and un-tested filters may result in excessive neutralization and possible damage or insufficient cleaning.



The Science of Filtration Media

Engineers design water filters to remove turbidity (cloudiness) from water at specified flow rates. They select filter media materials for physical properties, all of which affect filter performance. Among them are:

- Size of the particles
- Uniformity of size of the particles
- Angularity of the particles
- Density of the materials
- Adsorptive properties of the materials

They also choose the combination and placement of media materials in the filter bed. These choices greatly affect capacity and performance of the filter. Among the important characteristics of media placement are the:

- Depth of the media
- Combination of media types
- Stratification of the media in the filter bed

Filter media remove material from the water flowing through it. This material accumulates on the media where it degrades performance until either the filtration rate or the quality of filtered water (or both) is no longer acceptable. Once this occurs, the operators backwash the filter to remove accumulated material and to restore the filter to its designed specifications and performance.

However, backwashing cannot remove all the deposits. Some deposits remain where they accumulate onto the media and affect every design and performance specification of the filter.

Deposits tend to:

- Increase the size of media particles - As deposits increase, the size of individual media particles increases. This degrades both the capacity and filtration properties of the filter.
- Reduce the uniformity of media particles – Deposits do not accumulate uniformly throughout the media bed. Therefore, uniformity changes as deposits increase. A change in uniformity alters fluid flow and degrades filter performance.
- Mask the angularity of the particles – Sharp edges of media particles create turbulent flow that enhances filtration performance. Deposits cover these edges and cause the media to appear rounded. Rounding is the most frequently cited reason for media replacement.



Testing Methodology

Sample Preparation:

Once filtration media is received in our laboratory, it is separated into its components (for mixed media filters). These samples are then thoroughly dried. Each of the filter media components are weighed, treated and analyzed separately.

Pre-treatment Inspection:

Prior to chemically cleaning the filtration media, the as-received media is analyzed for evidence of the type and extent of surface deposition on the individual filter media grains. These observations are recorded and used for comparison with the results of the cleaning process. This analysis includes the following measurements and observations:

- 1) Visual and physical inspection
- 2) Microscopic pictograph

Chemical Treatment:

Due to the variety of filter and backwash systems and media contamination, not all media cleaning chemistries are equally effective or appropriate. Blue Earth Products considers the condition of the filtration media, the disposal track of the backwash water, the configuration of the filter, the filter construction material, as well as any other factor that may be unique to the filter system and relevant in the selection of treatment chemistries. The filtration media is then subjected to a laboratory procedure designed to mimic the cleaning process and chemical contact time used in the on-location cleaning procedure.

Data Analysis:

Once the media components of the system are individually cleaned and dried, several observations and measurements are made and compared to the as-received filtration media. These include visual and physical inspection, and the same microscopy and photography as performed initially. In addition, the dry weight loss is calculated and the post treatment pH is measured. The neutralization requirements for the rinsate are calculated and a verification titration is performed.

This expanded filter media analysis also includes an Inductively Coupled Plasma (ICP) metals analysis of the deposits removed from the media grains (absent the contribution from the cleaning chemistry). Additionally, the amount of metals released into the backwash stream are calculated. The expanded filter media analysis also includes a particle size analysis (sieve analysis), which helps in determining the expected longevity of the media components.

In summary, the media analysis procedure generates the following information about the media tested:



- Before and after visual and physical inspection.
- Before and after microscopic pictographs.
- Dry weight loss
- Neutralization requirements
- ICP metals analysis of media deposits
- Mass of metals released in backwash
- Uniformity Coefficient of media components
- Effective particle size of media components



Filter Information

Summary of Filter Information

Filter ID:	2
Treatment Plant	Madison Water Treatment Plant
Filter Type:	Gravity
Orientation:	Vertical
Filter Construction:	Metal
Filter Coating:	Not Coated
Location of Filter:	Indoor
Underdrain	Pipe Laterals
Backwash:	Filter to Waste
Air Scour:	NO
Media Installation Date:	2019
Media Age (yr.):	3.8
Filter Width (ft):	8
Filter Length (ft):	8
Anthracite depth (in.):	12
Greensand depth (in.):	18
Support Gravel depth (in.):	12
Media Bed Volume (ft3):	160
Support Gravel Volume (ft3):	64
Treatment Chemistry:	neXt

Table 1: Filter information summary table.



Results and Observations

Dry Weight Loss:

Filter ID: 2		Dosage		
Summary		2x	4x	6x
Total Volume of Media Before (ft3)		160		
Total Estimated Weight of Media (lbs)		11,360		
Avg. Dry Weight Loss		2.3%	2.5%	2.7%
Total Weight Removed (lbs)		256	279	306

Table 2: Media volume and weight before treatment and weight removed by treatment.

Lab samples are weighed before and after cleaning. The difference in weight is the dry weight loss through cleaning. The higher the dry weight loss, the greater the amount of deposits removed by cleaning. The main goal of the filter cleaning process is to restore the filtration media as close to its original condition as possible by removing the accumulated buildup on the filtration media. By removing the deposits that have accumulated onto the surfaces of the filtration media, surface depressions are uncovered and increase the overall surface area of the filtration media.



Media Image Analysis



Pre-Treatment

2x



4x



6x



Post-Treatment

Figure 1: Microscopy images of Anthracite filter media before and after treatment.
20x magnification.



Pre-Treatment

2x



4x



6x



Post-Treatment

Figure 2: Microscopy images of Greensand filter media before and after treatment.
40x magnification.



As seen in the images above, the Anthracite media sample is coated with deposits and the Greensand media sample is coated with deposits prior to treatment with neXt. This untreated media, appearing encrusted, performs poorly due to changes in particle shape, size, apparent density, and surface area. The longer a filter is used without being cleaned, the more deposits accumulate onto the surfaces of the media and the more challenging it becomes to restore the filtration media to original specifications. Cleaning maintenance can reduce buildup and prolong the life of the filtration media.

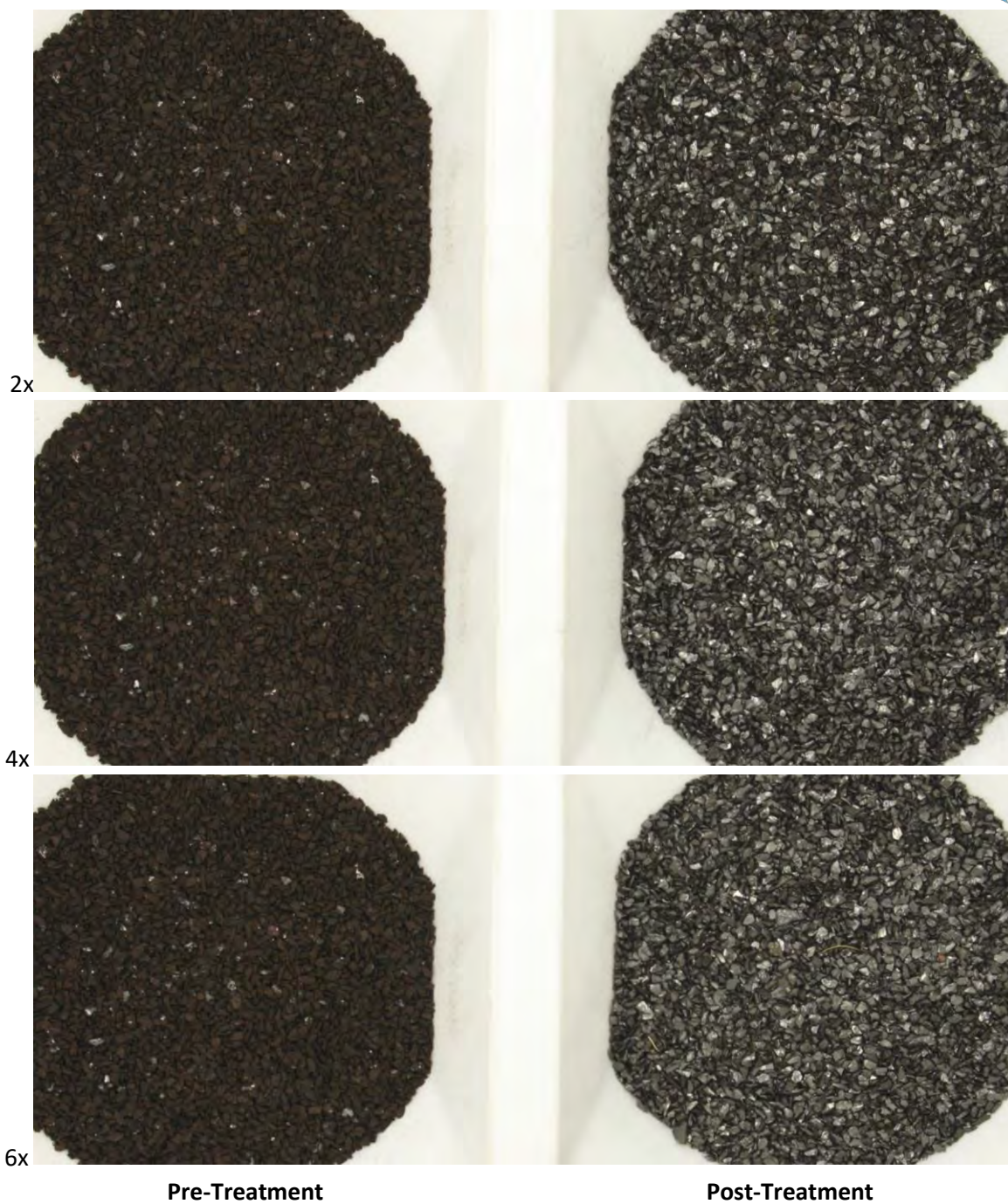


Figure 3: Photographic images of Anthracite filter media before and after 2x, 4x, and 6x treatment.

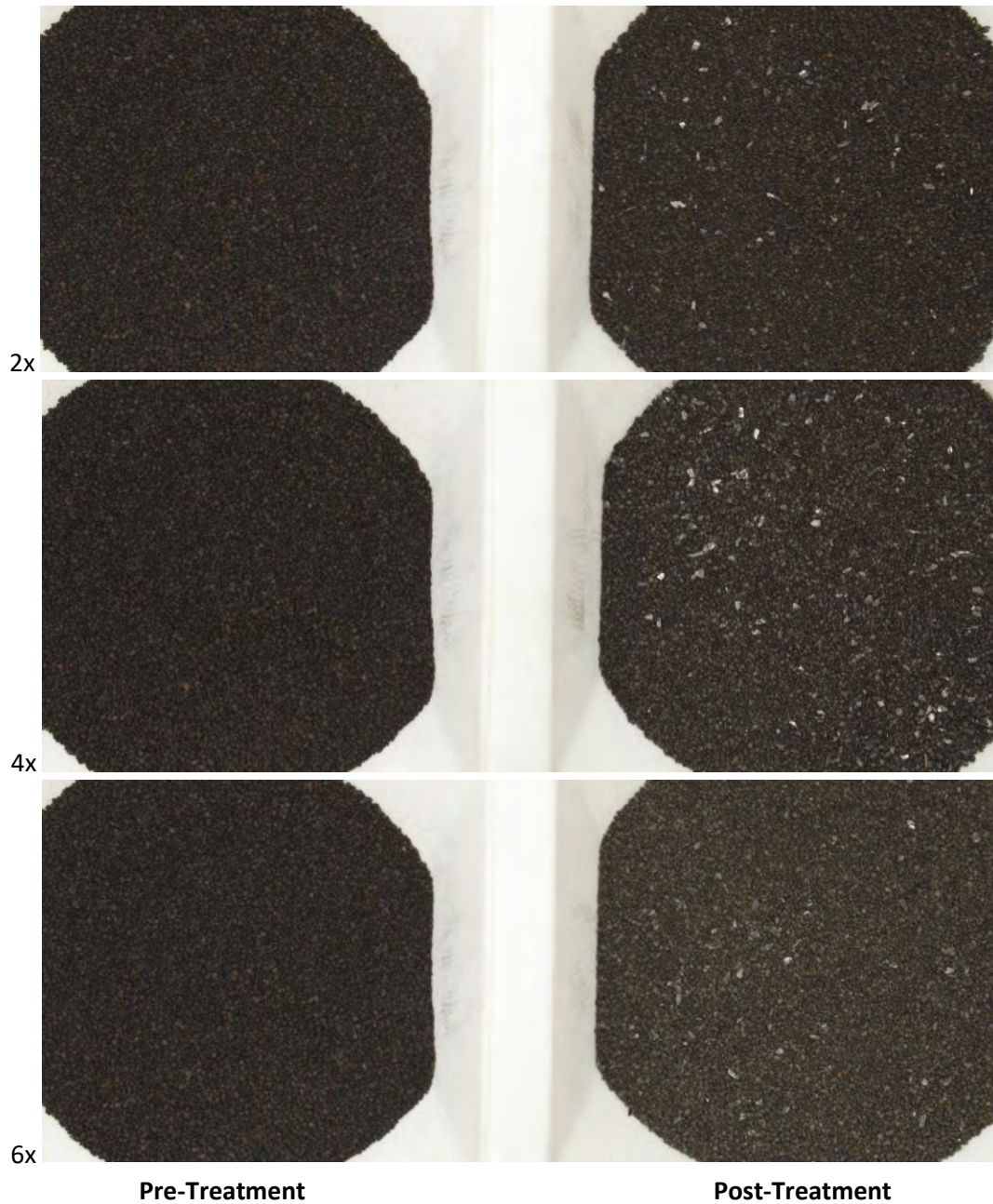


Figure 4: Photographic images of Greensand filter media before and after 2x, 4x, and 6x treatment.

The above side by side images provide a macroscopic view of the untreated and treated media (2x, 4x, and 6x dosages). In general deposits accumulations reduce the differences in densities and result in greater mixing of media layers and the loss of transition zones. Additionally, deposits on the surfaces of media tend to occupy or mask the bonding sites that aid in removing contaminants from water.



Sieve Analysis

Method: Adapted from AWWA Standard B-100

Assuming the filter media sample is representative of the entire filter, the media size can be determined and compared to the original specification of the filter media. The size of filter media (e.g. anthracite, sand, greensand, etc.) is represented by effective size, and uniformity coefficient (UC).

The sieve opening size that allows ten percent of the dry filter media sample to pass through is considered the effective size of the filter media. The uniformity coefficient is the ratio of the size opening that allows 60% of the dry filter media sample to pass through divided by the effective size. The effective size and uniformity coefficient are extrapolated based on the measured data.

According to the ANSI/ AWWA B-100 method, the ideal uniformity coefficient for anthracite ranges from 1.0-1.7, and the effective sizes of anthracite lie between 0.6 mm and 1.6 mm. The UC for silica sand is lower than 1.7, and the effective sizes for silica sand are 0.35 mm to 0.65 mm. The UC for high-density sands is 2.2 or lower, and the effective sizes for these high-density sands are 0.18 mm to 0.60 mm. The following tables and charts provide these values specific to the media tested in this report.

This method uses a smaller sample size and smaller sieve diameters than called for in the B-100 standard. Additionally, the B-100 standard is designed for testing original media prior to mixing with other media types. The process of physically separating media layers from a sample introduces some additional potential for error. Likewise, proper media sampling procedures in the field are encouraged but not strictly enforced thereby contributing additional potential for error. Blue Earth Labs has developed processes and procedures to minimize the impact of these contributing factors to the final results, however, please note that these results are likely to differ slightly from testing performed on the original media prior to installation.



Sieve dia. (mm)	Anthracite % Weight Passing	Greensand % Weight Passing
2.800	100.00	100.00
2.000	100.00	100.00
1.700	100.00	100.00
1.400	99.76	100.00
1.000	87.33	100.00
0.850	47.10	100.00
0.710	13.82	100.00
0.500	3.03	61.27
0.355	0.21	6.21
0.250	0.07	0.52
0.180	0.06	0.33
0.125	0.06	0.18
0.090	0.06	0.07

	Anthracite	Greensand
Effective Size (mm):	0.64	0.36
60% passing (mm):	0.90	0.50
Uniformity Coefficient:	1.41	1.36

Table 3: Sieve data table for 6x treatment.

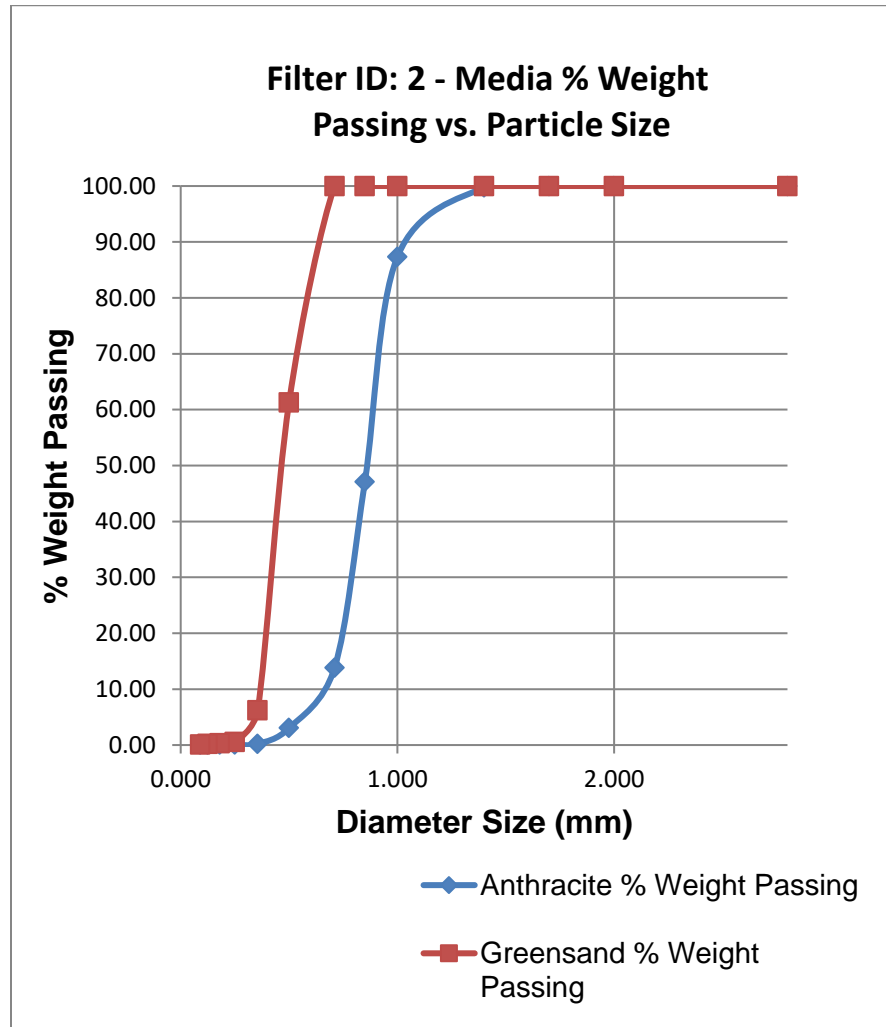


Figure 5: Chart of sieve data for 6x treatment.



Deposit Metals Analysis

Inductively coupled plasma (ICP) analysis is an analytical technique that simultaneously measures a variety of different inorganic metals that may be present on a particular media sample.

ICP analysis was performed on the post 6x media treatment run-off. The following table shows the results specific to the media tested in this report. These results are semi-quantitative and represent the relevant amount of each type of metal found within the media deposits on this filter. The metals contributed by the treatment chemistries have been subtracted from the results below to provide data specific to the media deposits removed by the chemical treatment. The metals selected for the panel are those commonly found in water systems, other less common metals may be present in the sample which are not accounted for in this analysis. As a result the relative percentage provided only compares the metals in the testing panel.

Analytical Method: EPA 6010 Preparation Method: EPA 3010

Parameters	ICP Results	Units	Report Limit	Wt. %
Aluminum	315.6	mg/L	0.075	15.5%
Barium	0.2	mg/L	0.01	0.0%
Boron	0.4	mg/L	0.1	0.0%
Cadmium	0.0	mg/L	0.005	0.0%
Calcium	363.2	mg/L	0.1	17.8%
Chromium	0.2	mg/L	0.005	0.0%
Copper	1.8	mg/L	0.01	0.1%
Iron	850.3	mg/L	0.05	41.7%
Lead	0.1	mg/L	0.005	0.0%
Magnesium	34.5	mg/L	0.05	1.7%
Manganese	87.2	mg/L	0.005	4.3%
Nickel	0.2	mg/L	0.005	0.0%
Phosphorus	17.3	mg/L	0.1	0.8%
Potassium	26.1	mg/L	0.5	1.3%
Silicon	340.9	mg/L	0.5	16.7%
Sodium	ND	mg/L	0.5	
Zinc	0.6	mg/L	0.05	0.0%
			Total:	100.0%

Table 4: Metals analysis of deposits removed from media.



Treatment Runoff:

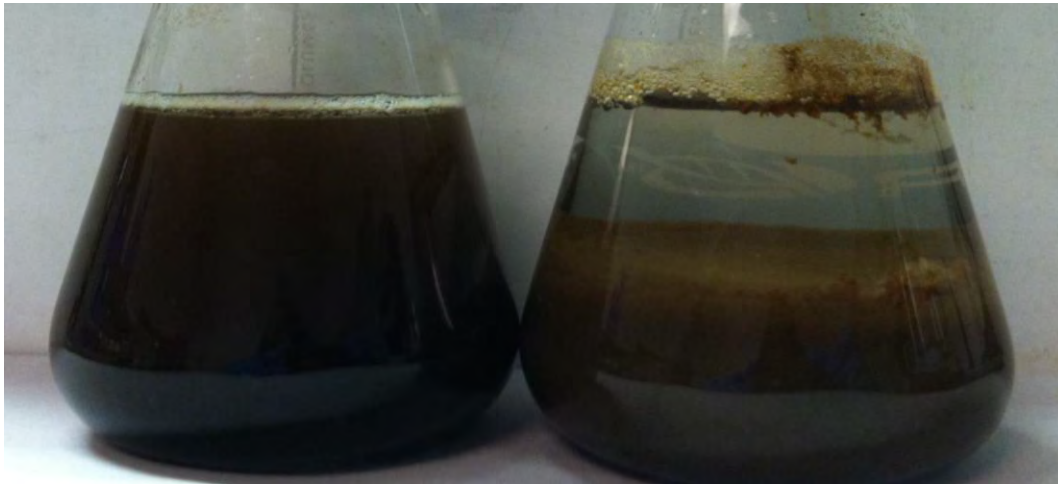


Figure 6: Treatment runoff images: as produced (left) and neutralized (right).

This sample runoff contains the contaminants removed from the media particles through cleaning. These solutions are representative of the “backwash” solution from the filter after cleaning. In the field, the backwash runoff is typically neutralized after treatment once it has left the filter in order to bring the pH level to an acceptable range. During the neutralization process, contaminants solidify and come out of solution. If neutralization is required, it should not occur directly on the filter, as contaminants will likely re-deposit back onto the filtration media.



Backwash Composition Analysis

The table below reflects an estimation of the the minimum and maximum amount of contaminants that are expected to be removed in the post treatment backwash (treatment runoff). These numbers are calculated assuming on average the weight of metals contribute approximately half of the total inorganic weight of the deposits removed. The range is bounded with the assumption that the deposits contain between 5% and 30% organic material.

	2x Treatment		4x Treatment		6x Treatment	
Metal	Min (lbs)	Max (lbs)	Min (lbs)	Max (lbs)	Min (lbs)	Max (lbs)
Aluminum	13.9	18.8	15.2	20.6	16.6	22.5
Barium						
Boron						
Cadmium						
Calcium	16.1	21.8	17.7	23.9	19.4	26.2
Chromium						
Copper		0.1		0.1		0.1
Iron	37.3	50.7	40.8	55.4	44.7	60.6
Lead						
Magnesium	1.5	2.1	1.7	2.3	1.8	2.5
Manganese	3.8	5.2	4.2	5.7	4.6	6.2
Nickel						
Phosphorus	0.8	1.1	0.9	1.2	1.0	1.3
Potassium	1.2	1.6	1.4	1.8	1.6	2.1
Silicon	15.0	20.3	16.4	22.2	17.9	24.3
Sodium	100.4	100.4	200.8	200.8	301.2	301.2
Zinc						

Table 5: Expected total weight range of metals in the filter runoff after treatment, prior to neutralization.



Treatment and Dosing Recommendations

Dosing and Neutralization vs. Treatment Type

The following table provides the quantity of chemicals needed to replicate the lab treatments in the field. The advantage of having chemical quantities for each treatment is apparent when dosing adjustments need to be made due to field conditions. The quantity of neutralizing chemistry is also provided for each option. Additionally, this table provides the calculated dosage rates for allowable alternative treatment chemistries. These alternatives are calculated using acidity equivalence and therefore will require the same amount of neutralization chemistry.

Filter ID: 2		Dosage		
Dosing		2x	4x	6x
neXt (lbs)		503	1007	1510
Deposits Removed (lbs)		256	279	306
Final Runoff pH		3.2	2.2	1.7
Bags of neXt needed (50 lbs ea.)		11	21	31
Neutralization Options				
pHinish-S (lbs)		28	99	182
pHinish-L (gal)		11	37	69
pHaze (lbs)		70	247	456
Alternative Treatment Chemistry (Equivalent Dosage by Calculation)				
Media Master RR (lbs)		461	922	1383
Floran Catalyst (gal) for Media Master RR		12	23	35
CSR Plus LF(gal)		97	193	290
Floran Catalyst (gal) for CSR Plus LF		12	23	35
CSR Plus (gal)		97	193	290
Floran Catalyst (gal) for CSR Plus		12	23	35
Filter Fit (gal)		63	127	190
Floran Catalyst (gal) for Filter Fit		12	23	35

Table 6: Chemical dosing and neutralization requirements for each dosage tested.



Laboratory Notes

The amount of neutralizer suggested in the dosing table is an estimate of the upper limit of what should be required, it does not account for some minor sources of in situ neutralization such as reactions with deposits in the underdrain or on the sidewalls.



Summary and Conclusion

As materials accumulate onto the surfaces of the filtration media, deposits solidify and the surface depressions of the media particles are no longer exposed. This decreases overall filter performance. Deposits eventually cause filtration media particles to clump together and form mudballs (i.e. “cementing”). This causes “channeling,” as the water will begin to flow through only certain parts of the filter resulting in uneven buildup. Other indicators of decreased filter performance include the following: increased media depth (bigger average particle size), blocked underdrains, short or declining run times, high starting head loss, uneven backwash, and high backwash pressures.

When the symptoms of dirty filters become intolerable, the conventional solution is to replace the media (and/or to replace the underdrains) – both very expensive and time-consuming undertakings. More often than not, neither is necessary. The Blue Earth Products lab has tested media from thousands of filters and has found that the vast majority of media is in structurally like-new or near-new condition beneath covering deposits (Blue Earth Products’ product line can clean underdrains in place without the need to remove media). Cleaning can restore the properties of the media and the performance of the filter without the need for replacement or rebuilding. Cleaning always takes less time than replacement or rebuilding and is more often than not a much less expensive alternative.

Blue Earth Products has developed a filter media remediation process that removes organic and inorganic materials that have encapsulated the filtration media.

Based on this report, treating the Anthracite and Greensand media in Filter 2 will remove between 256 lbs and 306 lbs of deposits. This report shows that cleaning the media will be successful and should result in significant benefits as described herein.

Please refer to the Treatment and Dosing Recommendation section for more application specific information.

The analysis contained herein provides the best available estimate of field cleaning performance and required chemical and neutralization dosages. However external factors, not considered in the lab report, may cause deviations between lab and field performance. Examples of external factors include but are not limited to: non-representative samples, excessive underdrain or filter wall fouling, poor chemical distribution and or mixing, inaccurate information provided on the Sample Information Sheet.

Important: All Blue Earth Products’ filter and tank cleaning products can cause injury to personnel or damage to facilities if not handled or applied correctly. All users of these products must be trained and certified by Blue Earth Products prior to use. The expectations of product performance set forth in this laboratory report can only be realized in the field when administered by trained and qualified personnel. While multiple filters with common source water, treatment and performance may be present in your plant, the results and conclusions provided within this report are limited to the filter from which the media was sampled and assume a representative sample of media with sufficient amounts of all materials was provided initially. If this analysis is being used to infer conditions of more than the specific filter from



which the sample was obtained, variations in the end-result may occur. Using the dosage recommendations of one filter as an estimation for the dosages applied to un-sampled and un-tested filters may result in excessive neutralization and possible damage or insufficient cleaning.

Appendix I - Original SIS

Filter Media Sample Information Sheet (SIS)

2

Instructions: Collect approximately 1/4 gal. (1 L) of each type of media (sand/anthracite/GAC etc) per filter to be analyzed. Reports are specific to the filter sampled and due to variations between filters cannot be relied upon to represent all filters. Send both this SIS and the media sample to Blue Earth Products.

Send to:
Blue Earth Products
Attn: Laboratory Services
14580 W 99th St.
Lenexa, KS 66215
Lab@BlueEarthProducts.com

blueearthproducts
the science of safe water®

Collection Data

Collected By: Dean Brain Phone: 320 905 9395 Date: 9-26-22
Collected from Filter#: cell 2 + cell 3 Treatment Plant: Madison Water Treatment Plant
Media Installation Date: 2019 Lasted Cleaned: N/A Total # of Filters at Plant: 3 cells
Current Filter Run Time: 5.0 hrs.

Laboratory Services Requested:

- ☒ Expanded Laboratory Analysis ☐ Iodine Number Analysis (GAC Only)
☐ Post Filter Cleaning Analysis

Utility Data

Utility: City of Madison
Contact Name: Dean Brain Title: Water Supervisor
Contact Phone: 320 905 9395 Email: dean.brain@ci.madison.wi.us
Address: 616 8th St W
City: Madison State: WI Zip: 53706

Filter Data:

Filter Type:

- ☐ Concrete Gravity
☒ Steel Gravity
☐ Pressure Vessel (Vertical)
☐ Pressure Vessel (Horizontal)
☐ Package Plant

Dimensions:

Width: 8 ft.
Length: 8 ft.
Diameter: _____ ft.
Freeboard: _____ ft.

Media Depth:

Anthracite: 12 in.
Sand: _____ in.
Greensand: 18 in.
GAC: _____ in.
Other: 12 in.
Describe Other: support gravel

Depths described above are:

- ☐ Actual (recently measured)
☒ Based on Specification (not measured)

Backwash: (check all that apply)

- ☒ Filter to Waste (Sewer)
☐ Filter to Waste (NPDES)
☐ Recycled to Head of Plant
☐ Other (Specify): _____

Distribution Residual:

- ☒ Free Chlorine Residual
☐ Chloramine Residual

Water Source:

- ☐ Surface Water
☒ Ground Water

Describe Chemical Treatment Before Filter:

400gpm goes through aeration then Potassium permanganate, Polymer & a Aquak Hawk are added. Goes through detention tank for 22 min then goes to three separate 8'x8' filter cells

Location:

- ☒ Indoors
☐ Outdoors

Underdrain:

- ☐ Direct Media Support
☒ Pipe Laterals incased in cement
☐ Other (Specify): _____

Misc: (check all that apply)

- ☐ Air Scouring
☐ Filter has Coating
Age of Coating: _____

Known Issues: (check all that apply)

- ☐ Cementing
☐ Head Loss Increase
☐ Media Growth
☐ Media Loss
☒ Mudballs
☐ Other (Specify): _____

Comments:

Samples not meeting minimum volumes may not be analyzed. Submitting incomplete information sheets will delay analysis.



Quality Review

It is hereby certified that the testing and analysis conducted and reported herein have been performed in compliance with the cataloged specifications, or any previously quoted specifications applicable to any testing and analysis not cataloged. The calibration of the equipment used for this testing is traceable to the National Institutes of Standards and Technology

Authorization to Release

Released By:

A handwritten signature in black ink, appearing to be 'S. J. ...'.

Date:

10/12/2022

v.11



5055 W Patrick Ln STE 101
Las Vegas Nevada 89118
U.S.A
P: 702-851-4760
<https://blueearthproducts.com/>

Quote

7282

Bill To

City of Madison

616 8th Street West
Madison 56256 Minnesota United States

Estimate Date : 10/13/2022

Reference# : To Follow

Ship To

616 8th Street West
Madison 56256 Minnesota United States

Sales person : Ron Major

Freight Method : Pre-Pay & Add

Item	Qty	List price	Amount
neXt - 50 lbs	62.00	192.00	10,118.40
pHaze - 50 lbs	20.00	154.00	2,618.00
Labor	4.00	550.00	2,200.00
Sub Total			14,936.40
Total			\$14,936.40

All prices FOB manufacturing plant. Price does not include any applicable sales or use taxes.

*** Subject to Blue Earth Labs standard terms and conditions. ***

**CITY OF MADISON MINNESOTA
RESOLUTION NO. 22-34**

STATE OF MINNESOTA)
COUNTY OF LAC QUI PARLE)
CITY OF MADISON)

**RESOLUTION ESTABLISHING ASSIGNMENT OF WAGE
INCREASE SCHEDULE 2023**

WHEREAS, the City Council is interested in establishing the assignment of wage increases in conformity to the requirements of pay equity for the City of Madison for the 2023 fiscal year and continuing thereafter until modified therein; and

WHEREAS, the City Council is determining that the establishment of wage increases shall be contained in this resolution effective with payment in the 2023 fiscal calendar year, with wage changes as described within and continuing thereafter until modified therein; and

WHEREAS, the City Council has determined the wage increase to be applied for the below employees following a satisfactory performance evaluation for the 2022 fiscal year;

WHEREAS, the below request follows the City Council established Compensation Plan;

JOB TITLE	2023 Step Adjustment Available type in for resolution	2023 Payrate	MAX range value
Liquor Store Clerk	\$0.530	\$13.67	\$18.39
Deputy Clerk	\$0.500	\$21.90	\$21.90
W&WW Operator	\$0.000	\$20.00	\$26.08
W&WW Operator	\$0.680	\$22.04	\$26.08
Streets & Parks Maint	\$0.000	\$22.72	\$26.08
Liquor Store Manager	\$0.000	\$29.30	\$29.30
Deputy Clerk Treas	\$0.760	\$27.02	\$29.30
City Clerk	\$0.810	\$25.44	\$31.06
Streets & Parks Sup	\$0.810	\$26.25	\$31.06
W&WW Supervisor	\$0.000	\$31.06	\$31.06
City Manager	\$0.960	\$45.96	\$46.92
Journey Lineworker	\$0.000	\$37.03	\$38.95
Line Sup&PW Coord	\$0.000	\$45.57	\$45.57

THEREFORE, BE IT FURTHER RESOLVED That the City Council of Madison, Lac qui Parle County, Minnesota does hereby authorize the adoption and implementation of the Assignment of Wage Increases as contained herein with approval date of October 24, 2022 with payment effective for 2023 fiscal year and continuing thereafter until modified therein.

Upon vote taken thereon, the following voted:

For: Meyer, Conroy, Volk, Thole, and Zahrbock

Against: None

Absent: None

Whereupon said Resolution No. 22-34 was declared duly passed and adopted this 24th day of October 2022.

Greg Thole, Mayor

Attest: _____
Christine Enderson, City Clerk

**CITY OF MADISON, MINNESOTA
RESOLUTION 22-41**

STATE OF MINNESOTA)
COUNTY OF LAC QUI PARLE)
CITY OF MADISON)

**FUND TRANSFER ADJUSTMENT EFFECTIVE
October 24, 2022**

WHEREAS, the City Council is in need of making transfers of various funds.

NOW THEREFORE, BE IT RESOLVED that the Madison City Council, Lac qui Parle County, Minnesota is ordering the following transfer between funds based on the information provided by the City Manager in Attachment A:

Upon vote taken thereon, the following voted

For:
Against:
Absent:

Whereupon said Resolution No. 22-41 was declared duly passed and adopted this 24th day of October 2022.

Greg Thole
Mayor

Attest: _____
Christine Enderson
City Clerk

22-41 Attachment A

To:	Fund	Account	Description	Amount	
	General Fund	Transfer In (Elec. Fund)	101-39205 Annual Operating	\$ 60,000.00	
	General Fund	Transfer In (Liquor)	101-39209 Annual Operating	\$ 20,000.00	
	Culture Rec	Transfer In (General)	420-39201 Flags of Honor	\$ 3,500.00	
	Culture Rec	Transfer In (General)	420-39201 Dog Park	\$ 11,500.00	
	Amb	Transfer In (General)	201-39201 Annual Operating	\$ 10,000.00	
	EDA	Transfer In (General)	211-39201 Annual Operating	\$ 20,000.00	
	EDA	Transfer In (Elec. Fund)	211-39205 Annual Operating	\$ 20,000.00	
	Culture & Rec	Transfer In (EDA)	420-39206 2022 Appropriation - Grand Park	\$ 12,500.00	
	Bldg and Equipment	Transfer In (General)	425-39201 Fire Department	\$ 10,000.00	
	Bldg and Equipment	Transfer In (General)	425-39201 Adminstration	\$ 20,000.00	
	Bldg and Equipment	Transfer In (General)	425-39201 City Hall	\$ 30,000.00	
	Bldg and Equipment	Transfer In (General)	425-39201 Downtown Revitalization	\$ 10,000.00	
	Streets Capital	Transfer In (General)	430-39201 2022 Appropriation	\$ 80,000.00	
	Culture & Rec	Transfer In (Reserve)	420-39207 ARPA Library Roof	\$ 10,000.00	
	Culture & Rec	Transfer In (Reserve)	420-39207 ARPA Parks	\$ 80,000.00	
	Culture & Rec	Transfer In (Elec. Fund)	Need Acct 2022 Appropriation - Grand Park	\$ 10,000.00	
	Reserve	Transfer In (Sanitation)	851-39204 2022 Appropriation	\$ 40,000.00	
	Reserve	Transfer In (Elec. Fund)	851-39205 2022 Appropriation	\$ 20,000.00	
	Infra Replace 2021	Transfer In(Sewer Fund)	350-39203 2022 Debt Services	\$ 113,000.00	
	Infra Replace 2021	Transfer In(Water Fund)	350-39208 2022 Debt Services	\$ 108,000.00	
	Infra Replace 2021	Transfer In (Storm Sewer)	350-39211 2022 Debt Services	\$ 10,000.00	
	2015 GO ref	Transfer In (Sewer Fund)	351-39203 2022 Debt Services	\$ 14,164.00	
	2015 GO ref	Transfer In (Water Fund)	351-39208 2022 Debt Services	\$ 165,244.00	
	GO Ref 2016	Transfer In (Water Fund)	353-39208 2022 Debt Services	\$ 33,926.00	
	GO Ref 2016	Transfer In (Storm Sewer)	353-39211 2022 Debt Services	\$ 112,088.00	
	Sewer Sys Replace	Transfer In (Sewer Fund)	225-39203 2022 Appropriation	\$ 15,000.00	\$ 1,038,922.00

From:	General Fund-Fire	Transfer Out (Bldg & Equip)	101-42200-723 Fire Department	\$ 10,000.00	\$ 1,038,922.00
	General Fund-Ambulance	Transfer Out (Ambulance)	101-49990-711 Ambulance Fund	\$ 10,000.00	
	General Fund	Transfer Out (EDA Fund)	101-49990-712 EDA Annual Appropriation	\$ 20,000.00	
	General Fund	Transfer Out (Cult & Rec)	101-49990-722 2022 Appropriation	\$ 15,000.00	
	General Fund	Transfer Out (Bldg & Equip)	101-49990-723 2022 Appropriation	\$ 60,000.00	
	General Fund	Transfer Out (Streets Capital)	101-49990-724 2022 Appropriation	\$ 80,000.00	
	EDA	Transfer Out(Cult & Rec)	211-46500-722 2022 Appropriation - Grand Park	\$ 12,500.00	
	Reserve	Transfer Out (Cult & Rec)	851-49300-422 ARPA Pool/Library	\$ 90,000.00	
	Electric	Transfer Out (General)	604-49590-710 2022 Appropriation	\$ 60,000.00	
	Electric	Transfer Out (EDA Fund)	604-49590-712 2022 Appropriation	\$ 20,000.00	
	Electric	Transfer Out (Cult & Rec)	Need Acct 2022 Appropriation - Grand Park	\$ 10,000.00	
	Electric	Transfer Out (Reserve)	604-49590-717 2022 Appropriation	\$ 20,000.00	
	Sanitation	Transfer Out (Reserve)	603-49520-717 2022 Appropriation	\$ 40,000.00	
	Water	Transfer Out (2016 Go Ref WT)	601-49440-719 2022 Debt Service	\$ 33,926.00	
	Water	Transfer Out (Infra Replace)	601-49440-750 2022 Debt Service	\$ 108,000.00	
	Water	Transfer Out(2015 GO Ref)	601-49440-752 2022 Debt Service	\$ 165,244.00	
	Sewer	Transfer Out (Sew Sys Rep)	602-49470-720 2022 Appropriation	\$ 15,000.00	
	Sewer	Transfer Out(Infra Replace)	602-49470-750 2022 Debt Service	\$ 113,000.00	
	Sewer	Transfer Out(2015 GO Ref)	602-49470-752 2022 Debt Service	\$ 14,164.00	
	Liquor	Transfer Out(General)	609-49750-710 2022 General Operating	\$ 20,000.00	
	Storm	Transfer Out (2016 Go Ref WT)	605-49620-719 2022 Debt Service	\$ 112,088.00	
	Storm	Transfer Out (Infra Replace)	605-49620-750 2022 Debt Service	\$ 10,000.00	

CLAIMS REPORT

Check Range: 10/14/2022-10/14/2022

UP OK #63538-63559

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	DATE
	GENERAL MAYOR AND COUNCIL				
101-41110-351	LQP BROADCASTING COMPANY, INC	COUNC-ORDINANCE	50.00	63546	10/14/22
101-41110-390	CITY OF MADISON	COUNC-EMPLOYEE SEPARATION-RS	111.07	63541	10/14/22
	4111 MAYOR AND COUNCIL TOTAL		161.07		
	ADMINISTRATION				
101-41320-194	CITY OF MADISON	WELLNESS-MAD BUCKS-GOODDEEDS	25.00	63541	10/14/22
101-41320-201	CITY OF MADISON	ADMIN-RISERS	16.70	63541	10/14/22
101-41320-322	CITY OF MADISON	ADMIN-BIZ OFFICE STAMPS	66.36	63541	10/14/22
101-41320-323	FARMERS MUTUAL TELEPHONE	ADMIN-INTERNET 10/22	124.95	63543	10/14/22
101-41320-404	XEROX CORPORATION	ADMIN-LEASE B405 10/22	61.59	63559	10/14/22
	4132 ADMINISTRATION TOTAL		294.60		
	ELECTIONS				
101-41410-192	CITY OF MADISON	ELECTION-SUPPLIES/POP JUDGES	2.00	63541	10/14/22
	4141 ELECTIONS TOTAL		2.00		
	CITY HALL				
101-41940-401	PLUNKETT'S INC.	CTY HALL-SPRAYING 10/3/22	67.71	63555	10/14/22
	4194 CITY HALL TOTAL		67.71		
	FIRE DEPARTMENT				
101-42200-323	FARMERS MUTUAL TELEPHONE	FIRE-INTERNET 10/22	71.95	63543	10/14/22
101-42200-324	MEDIACOM	FIRE HALL-DIGITAL ADAPTER	7.37	63549	10/14/22
	4220 FIRE DEPARTMENT TOTAL		79.32		
	STREET MAINTENANCE				
101-43100-219	MADISON HARDWARE HANK	STR-GARDEN HOSE	64.99	63548	10/14/22
101-43100-221	MADISON HARDWARE HANK	STR-FASTENERS	3.98	63548	10/14/22
101-43100-223	MADISON HARDWARE HANK	STR-CHAIN/SPRING SNAP	16.43	63548	10/14/22
101-43100-240	MADISON HARDWARE HANK	STR-SQUARE/UTIL KNIFE	30.98	63548	10/14/22
	4310 STREET MAINTENANCE TOTAL		116.38		
	SWIMMING POOLS				
101-45124-219	CITY OF MADISON	POOL-START UP MONEY NT RETURNE	50.00	63541	10/14/22
	4512 SWIMMING POOLS TOTAL		50.00		
	SKATING RINK				
101-45127-210	CITY OF MADISON	SK RINK-REIMB RINK SUPPLIES	11.73	63541	10/14/22
	4512 SKATING RINK TOTAL		11.73		
	PRAIRIE ARTS CENTER				
101-45180-380	MN ENERGY RESOURCES	PR ARTS-NAT GAS 10/22	41.85	63550	10/14/22

CLAIMS REPORT

Check Range: 10/14/2022-10/14/2022

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	CHECK DATE
		4518 PRAIRIE ARTS CENTER TOTAL	41.85		
101-45181-323	GRAND THEATER FARMERS MUTUAL TELEPHONE	GRAND-INTERNET 10/22	86.95	63543	10/14/22
		4518 GRAND THEATER TOTAL	86.95		
101-45200-219	PARKS AND RECREATION MADISON HARDWARE HANK	PARKS-EPOXY/ROPE/KEYS	150.11	63548	10/14/22
101-45200-221	ARNESON TIRE SHOP	PARKS-LAWN MOWER TIRE REPAIR	50.00	63538	10/14/22
101-45200-221	MADISON HARDWARE HANK	PARKS-BOLTS	29.34	63548	10/14/22
101-45200-223	MADISON HARDWARE HANK	PARKS-FASTENERS	24.79	63548	10/14/22
101-45200-406	MADISON HARDWARE HANK	PARKS-ACTION HOE	44.99	63548	10/14/22
		4520 PARKS AND RECREATION TOTAL	299.23		
101-45500-592	LIBRARY PIONEERLAND LIBRARY SYS.	LIB-DVD'S	999.73	63554	10/14/22
		4550 LIBRARY TOTAL	999.73		
101-49250-380	UNALLOCATED EXPENDITURES VERIZON WIRELESS	CTY HALL-CELL PHONE 10/22	40.01	63557	10/14/22
		4925 UNALLOCATED EXPENDITURES TOTAL	40.01		
		101 GENERAL TOTAL	2,250.58		
201-44100-210	AMBULANCE MADISON HARDWARE HANK	AMB-SIMPLE GREEN	6.99	63548	10/14/22
201-44100-320	EXPERT BILLING, LLC	AMB-AMBULANCE BILLING EXP 9/22	1,189.50	63542	10/14/22
201-44100-323	FARMERS MUTUAL TELEPHONE	AMB-INTERNET 10/22	71.95	63543	10/14/22
201-44100-325	VERIZON WIRELESS	AMB-CELL PHONE 10/22	40.01	63557	10/14/22
		4410 AMBULANCE TOTAL	1,308.45		
		201 AMBULANCE TOTAL	1,308.45		
211-46500-219	EDA ECONOMIC DEVELOPMENT CITY OF MADISON	EDA-NOON MEETING LUNCH	33.11	63541	10/14/22
211-46500-351	RBM PUBLICATIONS	EDA-PUBLIC HEARING	44.00	63558	10/14/22
		4650 ECONOMIC DEVELOPMENT TOTAL	77.11		
		211 EDA TOTAL	77.11		

CLAIMS REPORT

Check Range: 10/14/2022-10/14/2022

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	CHECK DATE
	CULTURE & REC CAP. FUND				
	CAPITAL PROJ (CULT & REC)				
420-45020-409	OVERALL SIGNS	ARTS COUNC-MEMORY TREE SIGNS	493.12	63553	10/14/22
420-45020-409	PRO IMAGE PARTNERS	MAC-TSHIRTS/BROCHURE LOGO	45.00	63556	10/14/22

		4502 CAPITAL PROJ (CULT & REC) TOTAL	538.12		

		420 CULTURE & REC CAP. FUND TOTAL	538.12		

	WATER				
	WATER PRODUCTION				
601-49400-193	FASTENAL COMPANY	WT-GLOVES	118.22	63545	10/14/22
601-49400-221	ARNESON TIRE SHOP	WT-TIRES	294.00	63538	10/14/22
601-49400-239	C EMERY NELSON INC	WT-ANTISCALANT	5,322.00	63539	10/14/22
601-49400-323	FARMERS MUTUAL TELEPHONE	WT-INTERNET 10/22	71.95	63543	10/14/22
601-49400-325	VERIZON WIRELESS	WT-CELL PHONE 10/22	24.20	63557	10/14/22
601-49400-409	CITY OF MADISON	WT-FLOURDIE SMAPLE MAILING	8.70	63541	10/14/22

		4940 WATER PRODUCTION TOTAL	5,839.07		

	ADMINISTRATION AND GENERA				
601-49440-201	MADISON HARDWARE HANK	WT-NOTEBOOKS	14.48	63548	10/14/22

		4944 ADMINISTRATION AND GENERA TOTAL	14.48		

		601 WATER TOTAL	5,853.55		

	SEWER				
	SEWER TREATMENT				
602-49450-193	FASTENAL COMPANY	SEW-GLOVES	118.22	63545	10/14/22
602-49450-240	MADISON HARDWARE HANK	SEW-GAS CAN	29.99	63548	10/14/22
602-49450-323	FARMERS MUTUAL TELEPHONE	SEW-INTERNET 10/22	71.95	63543	10/14/22
602-49450-325	VERIZON WIRELESS	SEW-CELL PHONE 10/22	24.20	63557	10/14/22
602-49450-380	MN VALLEY REC	SEW-UTILITY EXPENSE	3,220.32	63551	10/14/22
602-49450-409	MVTL LABORATORIES INC	SEW-REGULAR TESTING	339.70	63552	10/14/22

		4945 SEWER TREATMENT TOTAL	3,804.38		

		602 SEWER TOTAL	3,804.38		

	ELECTRIC UTILITY				
	ELECTRICAL DISTRIBUTION				
604-49570-323	FARMERS MUTUAL TELEPHONE	ELEC-INTERNET 10/22	71.95	63543	10/14/22
604-49570-325	VERIZON WIRELESS	ELEC-CELL PHONE 10/22	81.39	63557	10/14/22

		4957 ELECTRICAL DISTRIBUTION TOTAL	153.34		

	ADMINISTRATION AND GENERA				
604-49590-410	LQP BROADCASTING COMPANY, INC	ELEC-UTIL AD	63.70	63546	10/14/22

CLAIMS REPORT
Check Range: 10/14/2022-10/14/2022

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	CHECK DATE
		4959 ADMINISTRATION AND GENERA TOTAL	63.70		
		604 ELECTRIC UTILITY TOTAL	217.04		
609-49750-323	LIQUOR OFF-SALE LIQUOR FARMERS MUTUAL TELEPHONE	LIQ-INTERNET 10/22	71.95	63543	10/14/22
		4975 OFF-SALE LIQUOR TOTAL	71.95		
		609 LIQUOR TOTAL	71.95		
851-49300-810	RESERVE RESERVE FUND EXPENDITURES FARMERS MUTUAL TELEPHONE	RESERVE-LOCAL MATCH	400,000.00	63544	10/14/22
		4930 RESERVE FUND EXPENDITURES TOTAL	400,000.00		
		851 RESERVE TOTAL	400,000.00		
		Accounts Payable Total	414,121.18		

CLAIMS REPORT
CLAIMS FUND SUMMARY

FUND	NAME	AMOUNT
101	GENERAL	2,250.58
201	AMBULANCE	1,308.45
211	EDA	77.11
420	CULTURE & REC CAP. FUND	538.12
601	WATER	5,853.55
602	SEWER	3,804.38
604	ELECTRIC UTILITY	217.04
609	LIQUOR	71.95
851	RESERVE	400,000.00

	TOTAL FUNDS	414,121.18

CLAIMS REPORT

Check Range: 10/18/2022-10/18/2022

Page 1

UP CK # 63565-63590

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	CHECK DATE
	GENERAL ADMINISTRATION				
101-41320-325	VAL HALVORSON	ADMIN-CELL PHONE REIMB	100.29	63573	10/18/22
101-41320-331	COALITION OF GREATER MN CITIES	TRAINING-FALL CONF-V HALVORSON	170.00	63570	10/18/22
101-41320-404	XEROX CORPORATION	ADMIN-BUYOUT LEASE 8055 10/22	3,307.64	63589	10/18/22
	4132 ADMINISTRATION TOTAL		3,577.93		
	FIRE DEPARTMENT				
101-42200-212	LQP CO-OP OIL	FIRE-FUEL EXPENSE	182.03	63580	10/18/22
101-42200-240	STONE BROOK FIRE & SAFETY	FIRE-FLASHLIGHTS/BATTERIES	1,431.49	63586	10/18/22
	4220 FIRE DEPARTMENT TOTAL		1,613.52		
	CIVIL DEFENSE				
101-42500-409	KTJ'S LLC	CIV DEF-PR ARTS EXTRA SHINGLES	15,300.00	63577	10/18/22
	4250 CIVIL DEFENSE TOTAL		15,300.00		
	STREET MAINTENANCE				
101-43100-180	MN MUNICIPAL UTIL. ASSN.	STR-SAFETY TRAINING	3,614.00	63584	10/18/22
	4310 STREET MAINTENANCE TOTAL		3,614.00		
	PARKS AND RECREATION				
101-45200-221	ZIEGLER INC.	PARKS-MOWER OIL FILTERS	143.95	63590	10/18/22
101-45200-406	HEATHER NURSERY	PARKS-PREEN-GRAND PARK	39.99	63574	10/18/22
101-45200-406	BART HILL	BASEBALL FIELD CONTRACT	2,000.00	63575	10/18/22
	4520 PARKS AND RECREATION TOTAL		2,183.94		
	LIBRARY				
101-45500-409	MACDONALD & MACK ARCHITECTS	LIB-ROOF SOW	3,130.00	63581	10/18/22
	4550 LIBRARY TOTAL		3,130.00		
	UNALLOCATED EXPENDITURES				
101-49250-409	BOLTON & MENK INC	MNDOT 40/75 OVERLAY	430.00	63567	10/18/22
	4925 UNALLOCATED EXPENDITURES TOTAL		430.00		
	101 GENERAL TOTAL		29,849.39		
	AMBULANCE				
	AMBULANCE				
201-44100-212	LQP CO-OP OIL	AMB-FUEL EXPENSE	679.39	63579	10/18/22
201-44100-217	A-OX WELDING SUPPLY COMPA	AMB-OXYGEN COMPRESSED	158.86	63565	10/18/22
201-44100-217	BOUND TREE MEDICAL LLC	AMB-CHART PAPER THERMAL	160.96	63568	10/18/22
201-44100-217	INTERSTATE ALL BATTERY CENTER	AMB-BATTERIES	70.92	63576	10/18/22
201-44100-217	MADISON AMBULANCE SERVICE	AMB-SHIRTS	263.00	63582	10/18/22
201-44100-332	MADISON AMBULANCE SERVICE	AMB-MEAL REIMB FOR TRANSFERS	151.08	63582	10/18/22

CLAIMS REPORT

Check Range: 10/18/2022-10/18/2022

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	CHECK DATE
		4410 AMBULANCE TOTAL	1,484.21		
		201 AMBULANCE TOTAL	1,484.21		
407-46520-303	UTIL EXT PROJECT FUND UTILITY EXPANSION BOLTON & MENK INC	UTILITY EXTENSION	5,517.50	63567	10/18/22
		4652 UTILITY EXPANSION TOTAL	5,517.50		
		407 UTIL EXT PROJECT FUND TOTAL	5,517.50		
420-45020-409	CULTURE & REC CAP. FUND CAPITAL PROJ (CULT & REC)	FLAGSOFHONOR-CONCRETE FOR STAT	900.00	63571	10/18/22
420-45020-409	CROATT'S CONCRETE LIZA DARLINGTON	MAC-MURAL GRAND PARK	500.00	63572	10/18/22
		4502 CAPITAL PROJ (CULT & REC) TOTAL	1,400.00		
		420 CULTURE & REC CAP. FUND TOTAL	1,400.00		
601-49400-180	WATER WATER PRODUCTION MN MUNICIPAL UTIL. ASSN.	WT-SAFETY TRAINING	2,710.00	63584	10/18/22
		4940 WATER PRODUCTION TOTAL	2,710.00		
		601 WATER TOTAL	2,710.00		
602-49450-180	SEWER SEWER TREATMENT MN MUNICIPAL UTIL. ASSN.	SEW-SAFETY TRAINING	2,715.00	63584	10/18/22
602-49450-409	MVTL LABORATORIES INC	SEW-REGULAR TESTING	405.29	63585	10/18/22
		4945 SEWER TREATMENT TOTAL	3,120.29		
602-49470-810	ADMINISTRATION AND GENERA CITY OF MADISON	SEW-OUTSIDE WT REIMB	4,310.36	63569	10/18/22
		4947 ADMINISTRATION AND GENERA TOTAL	4,310.36		
		602 SEWER TOTAL	7,430.65		
604-49570-180	ELECTRIC UTILITY ELECTRICAL DISTRIBUTION MN MUNICIPAL UTIL. ASSN.	ELEC-SAFETY TRAINING	5,114.00	63584	10/18/22

CLAIMS REPORT

Check Range: 10/18/2022-10/18/2022

GL ACCT #	VENDOR NAME	REFERENCE	AMOUNT	CHECK#	CHECK DATE
		4957 ELECTRICAL DISTRIBUTION TOTAL	5,114.00		
		604 ELECTRIC UTILITY TOTAL	5,114.00		
605-49600-303	STORM SEWER STORM SEWER BOLTON & MENK INC	STORM POND CLEANING	95.00	63567	10/18/22
		4960 STORM SEWER TOTAL	95.00		
		605 STORM SEWER TOTAL	95.00		
609-49750-251	LIQUOR OFF-SALE LIQUOR BEVERAGE WHOLESALERS	LIQ-LIQUOR EXPENSE	1,358.95	63566	10/18/22
609-49750-251	MADISON BOTTLING CO.	LIQ-BEER EXPENSE	2,076.75	63583	10/18/22
609-49750-342	LQP BROADCASTING COMPANY, INC	LIQ-ADVERTISING	137.50	63578	10/18/22
609-49750-342	RBM PUBLICATIONS	LIQ-ADVERTISING	240.00	63588	10/18/22
609-49750-401	JIM TROST	LIQ-INSTALL NEW DOOR THRESHOLD	67.50	63587	10/18/22
		4975 OFF-SALE LIQUOR TOTAL	3,880.70		
		609 LIQUOR TOTAL	3,880.70		
		Accounts Payable Total	57,481.45		

**CLAIMS REPORT
CLAIMS FUND SUMMARY**

FUND	NAME	AMOUNT
101	GENERAL	29,849.39
201	AMBULANCE	1,484.21
407	UTIL EXT PROJECT FUND	5,517.50
420	CULTURE & REC CAP. FUND	1,400.00
601	WATER	2,710.00
602	SEWER	7,430.65
604	ELECTRIC UTILITY	5,114.00
605	STORM SEWER	95.00
609	LIQUOR	3,880.70

	TOTAL FUNDS	57,481.45