

April 01, 2025
Laboratory Report

MSUM
Thomas French

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RE: General Public - DL

Work Order: D072052

Enclosed are the results of analyses for samples received by the laboratory on 03/27/2025 10:20. If you have any questions concerning this report, please feel free to reach out to customer service at 888-200-5770 or the contacts listed below:

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Robert Borash	President CEO	Robert.Borash@rmbel.com	(218) 849-6420

Report approved by:



Tracy Borash
Drinking Water Project Manager
tracy.borash@rmbel.com
(218)846-1465

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Detroit Lakes (DL) Certification / Accreditation Numbers: EPA Lab ID MN00918 • Minnesota Department of Health 027-005-336 • North Dakota Department of Environmental Quality R-187
Burnsville (BL) Certification / Accreditation Numbers: EPA Lab ID MN01091 • Minnesota Department of Health 027-053-475 • North Dakota Department of Environmental Quality R-231
Hibbing (HB) Certification / Accreditation Numbers: EPA Lab ID MN01082 • Minnesota Department of Health 027-137-480 • North Dakota Department of Environmental Quality R-228

Laboratory Results	Report To: MSUM	Bill To: MSUM
April 01, 2025	Thomas French	Thomas French
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Lab Code:	D072052-01	Sample Description:	Kitchen #1
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:35	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
Metals (Total) by ICP-MS										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:13	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-02	Sample Description:	Kitchen #2
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:35	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:17	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-03	Sample Description:	Kitchen #3
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:35	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:19	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-04	Sample Description:	LO 82 Sink
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:25	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:20	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-05	Sample Description:	LO 82 Fountain
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:25	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:21	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-06	Sample Description:	LO 76 Sink
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:20	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:23	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-07	Sample Description:	LO 76 Fountain
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:20	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:27	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-08	Sample Description:	LO 78 Sink
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:20	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:28	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results April 01, 2025	Report To: MSUM Thomas French -	Bill To: MSUM Thomas French -
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Lab Code:	D072052-09	Sample Description:	LO 78 Fountain
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:20	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:29	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-10	Sample Description:	Office Sink
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:30	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:31	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-11	Sample Description:	LO 80 Sink
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:15	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:32	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results
April 01, 2025

Report To: MSUM
Thomas French
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Bill To: MSUM
Thomas French
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Lab Code:	D072052-12	Sample Description:	LO 80 Fountain
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:15	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:36	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Laboratory Results April 01, 2025	Report To: MSUM Thomas French - -	Bill To: MSUM Thomas French - -
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Lab Code:	D072052-13	Sample Description:	LO Gym Fountain
Matrix:	Water	Samplers:	Thomas French
Date/Time Sampled:	03/27/2025 07:25	Sampling Point:	
Date/Time Received:	03/27/2025 10:20	Well ID:	
Sample Receipt Temperature °C:	19.4	Sample Receipt Information:	Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
<u>Metals (Total) by ICP-MS</u>										
Lead	< 2.00	ug/L		2.00	1	15	EPA 200.8	EPA 200.8	04/01/25 09:40	DL

Laboratory Interpretation: The Lead result **MEETS** the primary drinking water standards set by the US Environmental Protection Agency.

Qualifiers and Definitions

Item	Definition
RL	Reporting Limit (Corrected for dilution factor when applicable due to sample preparation variation.)
DF	Dilution Factor
DL	Indicates test performed by RMB Environmental Laboratories - Detroit Lakes.

Client: MSUM		Phone #:		Fax #:		<input type="checkbox"/> "EQUIS" EDD Lab Format - MPCA Data Submittal																
Project Name: Childcare center		Project Task Code:		PO/WO #:		Analyses Requested												Preservation Code: A = None B = H ₂ SO ₄ C = HNO ₃ D = HCL E = NaOH F = Zn Acetate G = Na ₂ S ₂ O ₃ H = Ascorbic Acid I = MeOH J = Other				
Sampler: (print name) Thomas French		Sampler Phone #: 701-371-2109				Preserved at Collection Preserved at Lab Receipt Lead												Preservation Code				
Report to: Thomas French		Bill to: MSUM → EHS																Preservation Code				
Report to Email: thomas.french@mnsstate.edu →		Bill to Email:																Field Filtered Y/N				
Sample Number	Station ID/Sample Description	Date	Time	# of Bottles	Sample Method	Start Depth (m)	End Depth (m)	Sample Type	Matrix													Comments
01	Kitchen #1	3/27/25	735	1																		
02	Kitchen #2			1																		
03	Kitchen #3			1																		
04	LO 82 sink		725	1																		
05	LO 82 fountain			1																		
06	LO 76 sink		720	1																		
07	LO 76 fountain			1																		
08	LO 78 sink		720	1																		
09	LO 78 fountain			1																		
10	office sink		730	1																		
														Nitric Preservation Date: 3/27/25 Time: 1118 Staff: SMB DL Lab								
(Initials) In the event that samples are received by the lab at a temperature greater than 6° C, (10° C for micro) I hereby authorize RMB Environmental Laboratories to process the samples as received.																						
(Initials) In the event that samples are received by the lab at a temperature greater than 6° C, (10° C for micro) please contact client at phone # before processing samples.																						
Relinquished by: (client signature) Thomas French		Print Name: Thomas French		Date: 3-27-25		Time: 1020		Shipping to Lab: <input type="checkbox"/> Speedee <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> RMB Courier <input type="checkbox"/> Hand Delivery														
FOR LAB USE ONLY																						
Received by Lab: (signature) SMB		Date: 3/27/25		Time: 1020		Mileage:		Field Staff:		Shipping:		Courier:		Equipment:		Other:						
<input checked="" type="checkbox"/> DOES meet proper sample storage and transportation guidelines <input type="checkbox"/> Received on ice <input type="checkbox"/> Received at room temperature Received Temp: 19.9 °C Therm. ID: LTG 11																						
<input type="checkbox"/> Does NOT meet proper sample storage and transportation guidelines <input checked="" type="checkbox"/> Samples received same day as collection Chlorine: No Yes N/A																						
Comments: 3/28 Emailed invoice. TJB VOC vials received w/o headspace: bubble < 6mm: Yes No N/A Page 1 of 1																						

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