



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: HRF  
Name:  
ClientProj: 13.052  
GTA ProjNo: 091224-5

Site Addr: S. RUST 10C  
Sampled By: KWB/HURON  
Date Rec: 9/12/2024  
Time Rec: 2:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	9/11/2024		WATER
2	MW-3	9/11/2024		WATER
3	MW-4	9/11/2024		WATER
4	MW-5	9/11/2024		WATER
5	MW-6	9/11/2024		WATER
6	MW-7	9/11/2024		WATER
7	MW-8	9/11/2024		WATER
8	TW-2	9/11/2024		WATER
9	TW-4	9/11/2024		WATER
10	TW-6	9/11/2024		WATER

ELECTRONIC SIGNITURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

*Kirk Chase*

Kirk L. Chase/Chemist  
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COMPANY: HRF  
PROJECT NO: 13.052  
LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
GTA SAMPLE NO: 1  
DATE SAMPLED: 9/11/2024  
TIME SAMPLED:  
DATE RECEIVED: 9/12/2024  
TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-2 CHLORIDE EPA 300.0	210	10	mg/L (PPM)	KC/TR	9/16/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
s.u. = STANDARD pH UNITS REPORTED AT 25 C



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COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-3 CHLORIDE EPA 300.0	22	10	mg/L (PPM)	KC/TR	9/16/2024	WATER

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 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-4 CHLORIDE EPA 300.0	75	10	mg/L (PPM)	KC/TR	9/16/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
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COMPANY: HRF  
PROJECT NO: 13.052  
LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
GTA SAMPLE NO: 4

DATE SAMPLED: 9/11/2024  
TIME SAMPLED:  
DATE RECEIVED: 9/12/2024  
TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-5 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/16/2024	WATER

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LOD = LIMIT OF DETECTION  
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-6 CHLORIDE EPA 300.0	21	10	mg/L (PPM)	KC/TR	9/16/2024	WATER

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COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-7	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/16/2024	WATER

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COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-8 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/17/2024	WATER

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 LOD = LIMIT OF DETECTION  
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COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: TW-2 CHLORIDE EPA 300.0	40	10	mg/L (PPM)	KC/TR	9/17/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: S. RUST 10C

GTA PROJECT NO: 091224-5  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 9/11/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 9/12/2024  
 TIME RECEIVED: 2:00 PM

SAMPLED BY: MI  
 KWB/HURON

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: TW-4 CHLORIDE EPA 300.0	26	10	mg/L (PPM)	KC/TR	9/17/2024	WATER

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PROJECT NO: 13.052  
LOCATION: S. RUST 10C  
MI  
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 091224-5  
GTA SAMPLE NO: 10  
DATE SAMPLED: 9/11/2024  
TIME SAMPLED:  
DATE RECEIVED: 9/12/2024  
TIME RECEIVED: 2:00 PM

**SAMPLE ANALYSIS**

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: TW-6 CHLORIDE EPA 300.0	63	10	mg/L (PPM)	KC/TR	9/17/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
s.u. = STANDARD pH UNITS REPORTED AT 25 C

1/4 14 Groundwater Monitoring - Spring 22 TB Release

**CHAIN OF CUSTODY**

PROJECT NUMBER 13.052	SITE NAME/ADDRESS S. Rust IOC	COMPANY/NAME HRF
SAMPLED BY Kim Wallis-Burke Huron Engineering & Surveying		COMPANY GTA PROJECT # 091224-5

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	Field Cond. ms/cm
1	MW 2	09/11/24		GW	Cl-	1.2
2	MW 3	↓		↓		0.59
3	MW 4					0.72
4	MW 5					0.47
5	MW 6					0.60
6	MW 7					0.45
7	MW 8					0.57
8	TW 2					0.67
9	TW 4					0.52
10	TW 6					0.69

BILL TO: KWB Huron	Temp Rec: <input type="checkbox"/> N/A On Ice? <input type="checkbox"/> <input checked="" type="checkbox"/>	REPORT TO: KWB Huron
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RELEASED BY Kimberly Wallis-Burke	DATE/TIME 9/11/24	RECEIVED BY Alpena WPS	DATE/TIME 9/12/24 d.o.g.
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS