



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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FAX: 231-929-0894

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

Company: HRF  
Name:  
ClientProj: 13.052  
GTA ProjNo: 061924-7

Site Addr: SOUTH RUST 10C

Sampled By: KWB/HURON  
Date Rec: 6/19/2024  
Time Rec: 12:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	6/18/2024		WATER
2	MW-4	6/18/2024		WATER
3	MW-5	6/18/2024		WATER
4	MW-6	6/18/2024		WATER
5	MW-7	6/18/2024		WATER
6	MW-8	6/18/2024		WATER
7	TW-3	6/18/2024		WATER
8	TW-4	6/18/2024		WATER
9	TW-5	6/18/2024		WATER

ELECTRONIC SIGNATURE 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  
Grand Traverse Analytical  
830 Robinwood Court  
Traverse City, MI 49686  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)

COMPANY: HRF  
 PROJECT NO: 13.052  
 LOCATION: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 PM

MI  
 SAMPLED BY: 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	15	10	mg/L (PPM)	KC/TR	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 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	76	10	mg/L (PPM)	KC/TR	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 PM

MI  
 SAMPLED BY: 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	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 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	30	10	mg/L (PPM)	KC/TR	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 PM

MI  
 SAMPLED BY: 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	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 PM

MI  
 SAMPLED BY: 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	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 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-3 CHLORIDE EPA 300.0	71	10	mg/L (PPM)	KC/TR	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 PM

MI  
 SAMPLED BY: 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	28	10	mg/L (PPM)	KC/TR	6/25/2024	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: SOUTH RUST 10C

GTA PROJECT NO: 061924-7  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 6/18/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 6/19/2024  
 TIME RECEIVED: 12:00 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-6 CHLORIDE EPA 300.0	100	10	mg/L (PPM)	KC/TR	6/25/2024	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
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SAMPLED BY KIM WALLIS-BURKE Huron Engineering & Surveying	COMPANY Huron Engineering & Surveying	GTA PROJECT # 061924-7
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SAMPLE INFORMATION						F Cond.
#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	mS/cm
3	MW3	6/18/24		GW	Cl-	0.52
4	MW4	}	}	}	}	0.78
5	MW5					0.50
4	MW6					0.65
5	MW7					0.44
6	MW8					0.53
9	TW3					0.80
8	TW4					0.60
9	TW6					0.82

BILL TO: KWB Huron	TempRec: <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	RECEIVED BY Alpena DPS	DATE/TIME 6/18/24
			6/19/24 12:00

REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS