



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: HRF
Name:
ClientProj: 13.052
GTA ProjNo: 121223-5

Site Addr: S. RUST 10C
Sampled By: KWB/HURON
Date Rec: 12/12/2023
Time Rec: 11:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	12/7/2023		WATER
2	MW-2	12/7/2023		WATER
3	MW-3	12/7/2023		WATER
4	MW-4	12/7/2023		WATER
5	MW-5	12/7/2023		WATER
6	MW-6	12/7/2023		WATER
7	MW-7	12/7/2023		WATER
8	MW-8	12/7/2023		WATER
9	TW-1	12/7/2023		WATER
10	TW-2	12/7/2023		WATER
11	TW-3	12/7/2023		WATER
12	TW-4	12/7/2023		WATER
13	TW-5	12/7/2023		WATER
14	TW-6	12/7/2023		WATER
15	TW-7	12/7/2023		WATER
16	TW-8	12/7/2023		WATER
17	TW-9	12/7/2023		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
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Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 1
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-1	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	12/17/2023	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: 121223-5
 GTA SAMPLE NO: 2
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-2 CHLORIDE EPA 300.0	330	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 3
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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	75	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
GTA SAMPLE NO: 4
DATE SAMPLED: 12/7/2023
TIME SAMPLED:
DATE RECEIVED: 12/12/2023
TIME RECEIVED: 11:20 AM

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-4	CHLORIDE EPA 300.0	240	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

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

GTA PROJECT NO: 121223-5
GTA SAMPLE NO: 5
DATE SAMPLED: 12/7/2023
TIME SAMPLED:
DATE RECEIVED: 12/12/2023
TIME RECEIVED: 11:20 AM

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	15	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 6
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-6	CHLORIDE EPA 300.0	37	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 7
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 8
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 9

DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-1	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	12/17/2023	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: 121223-5
 GTA SAMPLE NO: 10
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-2 CHLORIDE EPA 300.0	87	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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COMPANY: HRF
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 LOCATION: S. RUST 10C

GTA PROJECT NO: 121223-5
 GTA SAMPLE NO: 11
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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	32	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

GTA PROJECT NO: 121223-5
GTA SAMPLE NO: 12
DATE SAMPLED: 12/7/2023
TIME SAMPLED:
DATE RECEIVED: 12/12/2023
TIME RECEIVED: 11:20 AM

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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	66	10	mg/L (PPM)	KC/TR	12/17/2023	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: 121223-5
 GTA SAMPLE NO: 13

DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-5	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	12/17/2023	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
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 121223-5
GTA SAMPLE NO: 14
DATE SAMPLED: 12/7/2023
TIME SAMPLED:
DATE RECEIVED: 12/12/2023
TIME RECEIVED: 11:20 AM

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	170	10	mg/L (PPM)	KC/TR	12/17/2023	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: 121223-5
 GTA SAMPLE NO: 15
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-7	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	12/17/2023	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: 121223-5
 GTA SAMPLE NO: 16
 DATE SAMPLED: 12/7/2023
 TIME SAMPLED:
 DATE RECEIVED: 12/12/2023
 TIME RECEIVED: 11:20 AM

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-8 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	12/17/2023	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
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 121223-5
GTA SAMPLE NO: 17
DATE SAMPLED: 12/7/2023
TIME SAMPLED:
DATE RECEIVED: 12/12/2023
TIME RECEIVED: 11:20 AM

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-9 CHLORIDE EPA 300.0	24	10	mg/L (PPM)	KC/TR	12/17/2023	WATER

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

