



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: RIVERSIDE
Name:
ClientProj: 94-038B
GTA ProjNo: 101723-9

Site Addr: BROADWELL HULSAPPLE 1-11A
Sampled By: WPM/OMPC
Date Rec: 10/17/2023
Time Rec: 3:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	10/16/2023	3:30 PM	WATER
2	MW-2	10/17/2023	12:20 PM	WATER
3	MW-3	10/16/2023	11:50 AM	WATER
4	MW-4	10/16/2023	3:00 PM	WATER
5	MW-5	10/17/2023	11:55 AM	WATER
6	MW-6	10/16/2023	1:50 PM	WATER
7	MW-7	10/17/2023	9:30 AM	WATER
8	MW-8	10/17/2023	11:30 AM	WATER
9	MW-9	10/17/2023	9:00 AM	WATER
10	MW-10	10/16/2023	1:20 PM	WATER
11	MW-11	10/16/2023	12:55 PM	WATER
12	MW-12	10/16/2023	12:20 PM	WATER
13	MW-13	10/16/2023	2:20 PM	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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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 1
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 3:30 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION



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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/17/2023
 TIME SAMPLED: 12:20 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	RIVERSIDE	GTA PROJECT NO:	101723-9
PROJECT NO:	94-038B	GTA SAMPLE NO:	3
LOCATION:	BROADWELL HULSAPPLE 1-11A	DATE SAMPLED:	10/16/2023
		TIME SAMPLED:	11:50 AM
		DATE RECEIVED:	10/17/2023
	MI	TIME RECEIVED:	3:10 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	WPM/OMPC
SAMPLE ID:	MW-3		

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-4

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 3:00 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	55	1.0					
1,3,5-Trimethylbenzene	54	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	13	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/17/2023
 TIME SAMPLED: 11:55 AM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	5.2	1.0					
Xylene(Total)	100	3.0					
1,2,4-Trimethylbenzene	140	1.0					
1,3,5-Trimethylbenzene	57	1.0					
Naphthalene	6.8	5.0					
2-Methylnaphthalene	53	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 1:50 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	27	3.0					
1,2,4-Trimethylbenzene	27	1.0					
1,3,5-Trimethylbenzene	31	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	26	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 7
 DATE SAMPLED: 10/17/2023
 TIME SAMPLED: 9:30 AM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 8
 DATE SAMPLED: 10/17/2023
 TIME SAMPLED: 11:30 AM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-9

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 9
 DATE SAMPLED: 10/17/2023
 TIME SAMPLED: 9:00 AM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	26	3.0					
1,2,4-Trimethylbenzene	5.1	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 10
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 1:20 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION



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FAX: 231-929-0894

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-11

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 11
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 12:55 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-12

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 12
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 12:20 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: RIVERSIDE
 PROJECT NO: 94-038B
 LOCATION: BROADWELL HULSAPPLE 1-11A
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

GTA PROJECT NO: 101723-9
 GTA SAMPLE NO: 13
 DATE SAMPLED: 10/16/2023
 TIME SAMPLED: 2:20 PM
 DATE RECEIVED: 10/17/2023
 TIME RECEIVED: 3:10 PM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/18/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER 94038B	SITE NAME/ADDRESS Bradwell Hulsapple 1-11A	COMPANY/NAME Riverside
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 101723-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	10-16-23	1530	H ₂ O	HIPs
2	MW-2	10-17-23	1220	↓	↓
3	MW-3	10-16-23	1150		
4	MW-4	10-16-23	1500		
5	MW-5	10-17-23	11505		
6	MW-6	10-16-23	1350		
7	MW-7	10-17-23	930		
8	MW-8	↓	1130		
9	MW-9	↓	900		
10	MW-10	10-16-23	1320		
11	MW-11	↓	1255		
12	MW-12	↓	1220		
13	MW-13	↓	1420		
14					

BILL TO:	TempRec: <input type="checkbox"/> 4.00C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Dan Barton
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RELEASED BY [Signature]	DATE/TIME 10-17-23 1510	RECEIVED BY [Signature]	DATE/TIME 10/17/23 1510
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS