

**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: 97-071B
GTA ProjNo: 051525-8

Site Addr: KALKASKA 1-21

Sampled By: ANDREW PUFFPAFF/OMPC
Date Rec: 5/15/2025
Time Rec: 9:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-37 @ 10'	5/14/2025		SOIL
2	MW-37 @ 15'	5/14/2025		SOIL
3	MW-37 @ 20'	5/14/2025		SOIL
4	MW-37 @ 25'	5/14/2025		SOIL
5	MW-37 @ 30'	5/14/2025		SOIL
6	MW-37 @ 35'	5/14/2025		SOIL
7	MW-37 @ 40'	5/14/2025		SOIL
8	MW-37 @ 45'	5/14/2025		SOIL
9	MW-37	5/14/2025		WATER
10	MW-38	5/14/2025		WATER
11	MW-39	5/14/2025		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: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 10'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 1

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	7,300	1,000	ug/Kg (PPB)	MR	5/14/2025	5/20/2025	EPA 5035A
Toluene	50,000	1,000					
Ethylbenzene	9,100	1,000					
Xylene(Total)	52,000	3,000					
1,2,4-Trimethylbenzene	21,000	1,000					
1,3,5-Trimethylbenzene	6,300	100					
Naphthalene	380	250					
2-Methylnaphthalene	1,200	250					

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: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 15'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 2

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
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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>Complete</u>	<u>Prep Method</u>
Benzene	1,900	50	ug/Kg (PPB)	MR	5/14/2025	5/20/2025	EPA 5035A
Toluene	12,000	50					
Ethylbenzene	1,200	50					
Xylene(Total)	15,000	150					
1,2,4-Trimethylbenzene	4,900	50					
1,3,5-Trimethylbenzene	1,600	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 20'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 3

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	50,000	2,000	ug/Kg (PPB)	MR	5/14/2025	5/20/2025	EPA 5035A
Toluene	200,000	2,000					
Ethylbenzene	29,000	2,000					
Xylene(Total)	130,000	6,000					
1,2,4-Trimethylbenzene	35,000	2,000					
1,3,5-Trimethylbenzene	11,000	2,000					
Naphthalene	690	500					
2-Methylnaphthalene	1,900	500					

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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 25'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 4

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	270	50	ug/Kg (PPB)	MR	5/14/2025	5/21/2025	EPA 5035A
Toluene	230	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 30'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 5

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	5/14/2025	5/20/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 35'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 6

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	270	50	ug/Kg (PPB)	MR	5/14/2025	5/20/2025	EPA 5035A
Toluene	370	50					
Ethylbenzene	61	50					
Xylene(Total)	380	150					
1,2,4-Trimethylbenzene	140	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 40'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 7

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	5/14/2025	5/21/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MW-37 @ 45'

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 8

DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/OMPC
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	5/14/2025	5/20/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY:	RIVERSIDE	GTA PROJECT NO:	051525-8
PROJECT NO:	97-071B	GTA SAMPLE NO:	9
LOCATION:	KALKASKA 1-21	DATE SAMPLED:	5/14/2025
		TIME SAMPLED:	
		DATE RECEIVED:	5/15/2025
	MI	TIME RECEIVED:	9:30 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-37	SAMPLED BY:	ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	510	1.0	ug/L (PPB)	MR		5/20/2025	EPA 5030B
Toluene	240	1.0					
Ethylbenzene	13	1.0					
Xylene(Total)	82	3.0					
1,2,4-Trimethylbenzene	12	1.0					
1,3,5-Trimethylbenzene	7.5	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	RIVERSIDE	GTA PROJECT NO:	051525-8
PROJECT NO:	97-071B	GTA SAMPLE NO:	10
LOCATION:	KALKASKA 1-21	DATE SAMPLED:	5/14/2025
		TIME SAMPLED:	
	MI	DATE RECEIVED:	5/15/2025
		TIME RECEIVED:	9:30 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-38	SAMPLED BY:	ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	110	1.0	ug/L (PPB)	MR		5/20/2025	EPA 5030B
Toluene	12	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	81	1.0					
1,3,5-Trimethylbenzene	35	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: RIVERSIDE
PROJECT NO: 97-071B
LOCATION: KALKASKA 1-21
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-39

GTA PROJECT NO: 051525-8
GTA SAMPLE NO: 11
DATE SAMPLED: 5/14/2025
TIME SAMPLED:
DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	120	1.0	ug/L (PPB)	MR		5/20/2025	EPA 5030B
Toluene	5.6	1.0					
Ethylbenzene	4.6	1.0					
Xylene(Total)	19	3.0					
1,2,4-Trimethylbenzene	210	1.0					
1,3,5-Trimethylbenzene	67	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	15	5.0					

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COMPANY: RIVERSIDE

NAME:
PROJECT NO: 97-071B

LOCATION: KALKASKA 1-21

MI

GTA PROJECT NO: 051525-8
SAMPLED BY: ANDREW PUFFPAFF/OMPC

DATE SAMPLED: 5/14/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/15/2025
TIME RECEIVED: 9:30 AM**MOISTURE**

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed
SAMPLE ID: MW-37 @ 10' % MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 15' % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 20' % MOISTURE EPA 3550C	2.4	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 25' % MOISTURE EPA 3550C	2.4	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 30' % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 35' % MOISTURE EPA 3550C	4.2	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 40' % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	5/15/2025
SAMPLE ID: MW-37 @ 45' % MOISTURE EPA 3550C	2.7	0.10	% OF SAMPLE	AA	5/15/2025

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CHAIN OF CUSTODY

PROJECT NUMBER 97-071B	SITE NAME/ADDRESS Kalkaska 1-21	COMPANY/NAME Riverside
SAMPLED BY Andrew Puffert	COMPANY OMPC	GTA PROJECT # 051525-8

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-37 @ 10'	5/14/25		Soil	HIPs
2	MW-37 @ 15'				
3	MW-37 @ 20'				
4	MW-37 @ 25'				
5	MW-37 @ 30'				
6	MW-37 @ 35'				
7	MW-37 @ 40'				
8	MW-37 @ 45'			↓	
9	MW-37			H ₂ O	
10	MW-38			↓	
11	MW-39	↓		↓	↓

BILL TO:

OMPC

TempRec: ☐

0.8°C

On Ice? ☒ ☐

REPORT TO:

Dan Barton

dbarton@otwellmawby.com

RELEASED BY

DATE/TIME

Andrew Puffert

5/15/25 9:28a

RECEIVED BY

DATE/TIME

[Signature]

5/15/25 9:30

REQUESTED TAT ☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS