

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: GRT
Name:
ClientProj: DOT9601
GTA ProjNo: 061719-7

Site Addr: C & T LANSING

Sampled By: AK/GRT
Date Rec: 6/17/2019
Time Rec: 2:31 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-26	6/11/2019	5:36 PM	WATER
2	MW-18-13	6/11/2019	6:19 PM	WATER
3	MW-07-3	6/11/2019	7:01 PM	WATER
4	MW-08-14	6/11/2019	7:38 PM	WATER
5	MW-08-15	6/11/2019	8:10 PM	WATER
6	MW-08-16	6/11/2019	8:11 PM	WATER
7	DUP	6/11/2019	8:12 PM	WATER
8	MSD	6/11/2019	8:17 PM	WATER
9	TRIP	6/11/2019	4:00 PM	WATER
10	EQUIPMENT BLANK	6/11/2019	4:09 PM	WATER
11	FIELD BLANK	6/11/2019	4:01 PM	WATER
12	MS	6/11/2019	8:15 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 L Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
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COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 1

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 5:36 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MW-26

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	12	1.0					
Vinyl Chloride	ND	1.0					

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

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COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 2

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 6:19 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MW-18-13

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/19/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	2.7	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 3

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 7:01 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MW-07-3

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 Complete</u>	<u>Prep Method</u>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 4

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 7:38 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MW-08-14

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 5

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 8:10 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MW-08-15

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 6

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 8:11 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MW-08-16

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 7

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 8:12 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: DUP

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/19/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 8

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 8:17 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MSD

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 9

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 4:00 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: TRIP

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 10

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 4:09 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: EQUIPMENT BLANK

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/19/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 11

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 4:01 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: FIELD BLANK

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/19/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: C & T LANSING

MI
SAMPLED BY: AK/GRT

SAMPLE MATRIX: WATER

GTA PROJECT NO: 061719-7
GTA SAMPLE NO: 12

DATE SAMPLED: 6/11/2019
TIME SAMPLED: 8:15 PM
DATE RECEIVED: 6/17/2019
TIME RECEIVED: 2:31 PM

SAMPLE ID: MS

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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR	6/19/2019		EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	ND	1.0					
Vinyl Chloride	ND	1.0					

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

CHAIN OF CUSTODY

PROJECT NUMBER DOT 9601	SITE NAME/ADDRESS CET, LANSING	COMPANY/NAME GRT
SAMPLED BY HAARON LEOBUCK	COMPANY GRT	GTA PROJECT # 061719-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-26	6/11/19	1736	1420	8260 Lansing Scan
2	MW-08-13		1819		
3	MW-07-3		1901		
4	MW-08-04		1938		
5	MW-08-15		2010		
6	MW-08-16		2011		
7	DUP		2012		
8	MSD		2017		
9	TRIP		1600		
10	EQUIPMENT BLANK		1609		
11	FIELD BLANK		1601		
12	MS		2015		

BILL TO: Richard@grtusa.com

REPORT TO:
richard@grtusa.com
bress@grtusa.com

RELEASED BY 	DATE/TIME 6-17-19/1431	RECEIVED BY 	DATE/TIME 6/17/19 14:31
		Rec 20L	

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