



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: 061119-3

Site Addr: LANSING C&T
LANSING
Sampled By: ELMER VAN WAGNER/GRT
Date Rec: 6/11/2019
Time Rec: 12:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	RW-1	6/10/2019	3:05 PM	WATER
2	RW-4	6/10/2019	3:10 PM	WATER
3	EFFLUENT	6/10/2019	3:15 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
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COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: LANSING C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT
SAMPLE MATRIX: WATER

GTA PROJECT NO: 061119-3
GTA SAMPLE NO: 1
DATE SAMPLED: 6/10/2019
TIME SAMPLED: 3:05 PM
DATE RECEIVED: 6/11/2019
TIME RECEIVED: 12:35 PM
SAMPLE ID: RW-1

EPA 624 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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/12/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	72	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	200	10					
Vinyl Chloride	12	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: LANSING C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT
SAMPLE MATRIX: WATER

GTA PROJECT NO: 061119-3
GTA SAMPLE NO: 2
DATE SAMPLED: 6/10/2019
TIME SAMPLED: 3:10 PM
DATE RECEIVED: 6/11/2019
TIME RECEIVED: 12:35 PM
SAMPLE ID: RW-4

EPA 624 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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/12/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	24	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	1,100	40					
Vinyl Chloride	3.4	1.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT
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COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: LANSING C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT
SAMPLE MATRIX: WATER

GTA PROJECT NO: 061119-3
GTA SAMPLE NO: 3
DATE SAMPLED: 6/10/2019
TIME SAMPLED: 3:15 PM
DATE RECEIVED: 6/11/2019
TIME RECEIVED: 12:35 PM
SAMPLE ID: EFFLUENT

EPA 624 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>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		6/12/2019	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
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COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: LANSING C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT

GTA PROJECT NO: 061119-3
GTA SAMPLE NO: 1
DATE SAMPLED: 6/10/2019
TIME SAMPLED: 3:05 PM
DATE RECEIVED: 6/11/2019
TIME RECEIVED: 12:35 PM

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: RW-1							
	CHLORIDE EPA 300.0	1,500	100	mg/L (PPM)	LV	6/13/2019	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	3,500	5.0	mg/L (PPM)	TR	6/14/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

DISS = DISSOLVED

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LOCATION: LANSING C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT

GTA PROJECT NO: 061119-3
GTA SAMPLE NO: 2
DATE SAMPLED: 6/10/2019
TIME SAMPLED: 3:10 PM
DATE RECEIVED: 6/11/2019
TIME RECEIVED: 12:35 PM

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: RW-4							
	CHLORIDE EPA 300.0	1,400	100	mg/L (PPM)	LV	6/13/2019	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	2,600	5.0	mg/L (PPM)	TR	6/14/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

DISS = DISSOLVED

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PROJECT NO: DOT9601
LOCATION: LANSING C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT

GTA PROJECT NO: 061119-3
GTA SAMPLE NO: 3
DATE SAMPLED: 6/10/2019
TIME SAMPLED: 3:15 PM
DATE RECEIVED: 6/11/2019
TIME RECEIVED: 12:35 PM

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: EFFLUENT							
	CHLORIDE EPA 300.0	1,500	100	mg/L (PPM)	LV	6/13/2019	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	3,000	5.0	mg/L (PPM)	TR	6/14/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

DISS = DISSOLVED

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CHAIN OF CUSTODY

PROJECT NUMBER DOT 9601	SITE NAME/ADDRESS Lansing C+T	COMPANY/NAME
SAMPLED BY Elmer VanWagner	COMPANY GRT	GTA PROJECT # 061119-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	RW-1	6/10/19	1505	water	CVOC + chloride
	RW-4	6/10/19	1510	water	CVOC + chloride
	Effluent	6/10/19	1515	water	CVOC + chloride

BILL TO:

eric@grtusa.com
richard@grtusa.com

REPORT TO:

eric@grtusa.com

RELEASED BY

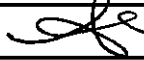
DATE/TIME



6/10/19 1600

RECEIVED BY

DATE/TIME



6/11/19 12:35

REQUESTED TAT



STANDARD



1 BUSINESS DAY



2 BUSINESS DAYS



3 BUSINESS DAYS