



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: 051419-3

Site Addr: MDOT C&T
LANSING
Sampled By: ELMER VAN WAGNER/GRT
Date Rec: 5/14/2019
Time Rec: 11:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	RW-1	5/13/2019	1:31 PM	WATER
2	RW-4	5/13/2019	1:39 PM	WATER
3	EFFLUENT	5/13/2019	1:44 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: MDOT C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT
SAMPLE MATRIX: WATER

GTA PROJECT NO: 051419-3
GTA SAMPLE NO: 1
DATE SAMPLED: 5/13/2019
TIME SAMPLED: 1:31 PM
DATE RECEIVED: 5/14/2019
TIME RECEIVED: 11:15 AM
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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		5/15/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	100	10					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	420	10					
Vinyl Chloride	30	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: MDOT C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT
SAMPLE MATRIX: WATER

GTA PROJECT NO: 051419-3
GTA SAMPLE NO: 2
DATE SAMPLED: 5/13/2019
TIME SAMPLED: 1:39 PM
DATE RECEIVED: 5/14/2019
TIME RECEIVED: 11:15 AM
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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
1,1-Dichloroethane	ND	1.0	ug/L (PPB)	MR		5/15/2019	EPA 5030B
1,1-Dichloroethene	ND	1.0					
cis-1,2-Dichloroethene	3.8	1.0					
trans-1,2-Dichloroethene	ND	1.0					
Methyl Isobutyl Ketone	ND	10					
Tetrachloroethene	ND	1.0					
Trichloroethene	1,100	40					
Vinyl Chloride	ND	1.0					

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COMPANY: GRT
PROJECT NO: DOT9601
LOCATION: MDOT C&T
LANSING
MI
SAMPLED BY: ELMER VAN WAGNER/GRT
SAMPLE MATRIX: WATER

GTA PROJECT NO: 051419-3
GTA SAMPLE NO: 3
DATE SAMPLED: 5/13/2019
TIME SAMPLED: 1:44 PM
DATE RECEIVED: 5/14/2019
TIME RECEIVED: 11:15 AM
SAMPLE ID: EFFLUENT

EPA 624 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		5/15/2019	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	GTA PROJECT NO:	051419-3
PROJECT NO:	DOT9601	GTA SAMPLE NO:	1
LOCATION:	MDOT C&T	DATE RECEIVED:	5/14/2019
	LANSING	TIME RECEIVED:	11:15 AM
	MI	DATE SAMPLED:	5/13/2019
		TIME SAMPLED:	1:31 PM
SAMPLED BY:	ELMER VAN WAGNER/GRT	SAMPLE MATRIX:	WATER
SAMPLE ID:	RW-1		

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
CHLORIDE EPA 300.0	1,300	50	mg/L (PPM)	LV	5/16/2019
TOTAL DISSOLVED SOLIDS EPA 160.1	3,000	5.0	mg/L (PPM)	TR	5/16/2019

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED



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COMPANY:	GRT	GTA PROJECT NO:	051419-3
PROJECT NO:	DOT9601	GTA SAMPLE NO:	2
LOCATION:	MDOT C&T	DATE RECEIVED:	5/14/2019
	LANSING	TIME RECEIVED:	11:15 AM
	MI	DATE SAMPLED:	5/13/2019
SAMPLED BY:	ELMER VAN WAGNER/GRT	TIME SAMPLED:	1:39 PM
SAMPLE ID:	RW-4	SAMPLE MATRIX:	WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
CHLORIDE EPA 300.0	1,200	50	mg/L (PPM)	LV	5/16/2019
TOTAL DISSOLVED SOLIDS EPA 160.1	2,800	5.0	mg/L (PPM)	TR	5/16/2019

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COMPANY:	GRT	GTA PROJECT NO:	051419-3
PROJECT NO:	DOT9601	GTA SAMPLE NO:	3
LOCATION:	MDOT C&T	DATE RECEIVED:	5/14/2019
	LANSING	TIME RECEIVED:	11:15 AM
	MI	DATE SAMPLED:	5/13/2019
SAMPLED BY:	ELMER VAN WAGNER/GRT	TIME SAMPLED:	1:44 PM
SAMPLE ID:	EFFLUENT	SAMPLE MATRIX:	WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
CHLORIDE EPA 300.0	1,300	50	mg/L (PPM)	LV	5/16/2019
TOTAL DISSOLVED SOLIDS EPA 160.1	2,900	5.0	mg/L (PPM)	TR	5/16/2019

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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