



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:

Site Addr: 6691 US-31

GTA ProjNo: 031821-11

Sampled By: ANDREW DUBAY/GRT
Date Rec: 3/18/2021
Time Rec: 2:47 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	10' NORTH	3/18/2021	11:26 AM	SOIL
2	10' SOUTH	3/18/2021	12:21 PM	SOIL
3	7' EAST	3/18/2021	12:54 PM	SOIL
4	10' WEST	3/18/2021	1:34 PM	SOIL

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
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830 Robinwood Court
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COMPANY: GRT
PROJECT NO:
LOCATION: 6691 US-31

GTA PROJECT NO: 031821-11
GTA SAMPLE NO: 1

DATE SAMPLED: 3/18/2021
TIME SAMPLED: 11:26 AM
DATE RECEIVED: 3/18/2021
TIME RECEIVED: 2:47 PM

SAMPLED BY: ANDREW DUBAY/GRT
SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS LAB MEOH PRESERVED.

SAMPLE ID: 10' NORTH

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) Analyst= MR Date Extracted= 3/18/2021 Date Completed= 3/19/2021 Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50.0
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50.0
BENZENE	ND	50.0	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100.0	ETHYLBENZENE	ND	50.0
BROMOCHLOROMETHANE	ND	100.0	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50.0	HEXACHLOROBUTADIENE	ND	50.0
BROMOFORM	ND	100.0	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200.0	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50.0	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50.0	ISOPROPYLBENZENE	ND	50.0
t-BUTYLBENZENE	ND	50.0	ISOPROPYLTOLUENE	ND	50.0
CARBON DISULFIDE	ND	250.0	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50.0	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50.0	METHYL-t-BUTYL ETHER	ND	250.0
1-CHLOROBUTANE	ND	100.0	METHYLENE CHLORIDE	ND	100.0
CHLOROFORM	ND	50.0	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250.0	MIBK	ND	2,500
CHLOROMETHANE	ND	250.0	2-METHYLNAPHTHALENE	ND	250.0
2-CHLOROTOLUENE	ND	50.0	NAPHTHALENE	ND	250.0
4-CHLOROTOLUENE	ND	50.0	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100.0	n-PROPYLBENZENE	ND	50.0
DIBROMOMETHANE	ND	250.0	STYRENE	ND	50.0
1,2-DIBROMOETHANE	ND	20.0	1,1,1,2-TETRACHLOROETHANE	ND	100.0
1,2-DICHLOROETHANE	ND	50.0	1,1,2,2-TETRACHLOROETHANE	ND	50.0
1,3-DICHLOROETHANE	ND	50.0	TETRACHLOROETHENE	ND	50.0
1,4-DICHLOROETHANE	ND	50.0	TOLUENE	ND	50.0
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROETHANE	ND	50.0
DICHLORODIFLUOROMETHANE	ND	250.0	1,2,4-TRICHLOROETHANE	ND	250.0
1,1-DICHLOROETHANE	ND	50.0	1,1,1-TRICHLOROETHANE	ND	50.0
1,2-DICHLOROETHANE	ND	50.0	1,1,2-TRICHLOROETHANE	ND	50.0
1,1-DICHLOROETHENE	ND	50.0	TRICHLOROETHENE	ND	50.0
cis-1,2-DICHLOROETHENE	ND	50.0	TRICHLORFLUOROMETHANE	ND	100.0
trans-1,2-DICHLOROETHENE	ND	50.0	1,2,3-TRICHLOROPROPANE	ND	100.0
1,2-DICHLOROPROPANE	ND	50.0	1,2,4-TRIMETHYLBENZENE	ND	50.0
1,3-DICHLOROPROPANE	ND	50.0	1,3,5-TRIMETHYLBENZENE	ND	50.0
2,2-DICHLOROPROPANE	ND	50.0	VINYL CHLORIDE	ND	40.0
1,1-DICHLOROPROPENE	ND	50.0	XYLENE (TOTAL)	ND	150.0

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



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COMPANY: GRT
PROJECT NO:
LOCATION: 6691 US-31

GTA PROJECT NO: 031821-11
GTA SAMPLE NO: 2

DATE SAMPLED: 3/18/2021
TIME SAMPLED: 12:21 PM
DATE RECEIVED: 3/18/2021
TIME RECEIVED: 2:47 PM

SAMPLED BY: ANDREW DUBAY/GRT
SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS LAB MEOH PRESERVED.

SAMPLE ID: 10' SOUTH

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) Analyst= MR Date Extracted= 3/18/2021 Date Completed= 3/19/2021 Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50.0
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50.0
BENZENE	ND	50.0	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100.0	ETHYLBENZENE	ND	50.0
BROMOCHLOROMETHANE	ND	100.0	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50.0	HEXACHLOROBUTADIENE	ND	50.0
BROMOFORM	ND	100.0	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200.0	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50.0	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50.0	ISOPROPYLBENZENE	ND	50.0
t-BUTYLBENZENE	ND	50.0	ISOPROPYLTOLUENE	ND	50.0
CARBON DISULFIDE	ND	250.0	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50.0	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50.0	METHYL-t-BUTYL ETHER	ND	250.0
1-CHLOROBUTANE	ND	100.0	METHYLENE CHLORIDE	ND	100.0
CHLOROFORM	ND	50.0	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250.0	MIBK	ND	2,500
CHLOROMETHANE	ND	250.0	2-METHYLNAPHTHALENE	ND	250.0
2-CHLOROTOLUENE	ND	50.0	NAPHTHALENE	ND	250.0
4-CHLOROTOLUENE	ND	50.0	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100.0	n-PROPYLBENZENE	ND	50.0
DIBROMOMETHANE	ND	250.0	STYRENE	ND	50.0
1,2-DIBROMOETHANE	ND	20.0	1,1,1,2-TETRACHLOROETHANE	ND	100.0
1,2-DICHLOROBENZENE	ND	50.0	1,1,2,2-TETRACHLOROETHANE	ND	50.0
1,3-DICHLOROBENZENE	ND	50.0	TETRACHLOROETHENE	ND	50.0
1,4-DICHLOROBENZENE	ND	50.0	TOLUENE	ND	50.0
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50.0
DICHLORODIFLUOROMETHANE	ND	250.0	1,2,4-TRICHLOROBENZENE	ND	250.0
1,1-DICHLOROETHANE	ND	50.0	1,1,1-TRICHLOROETHANE	ND	50.0
1,2-DICHLOROETHANE	ND	50.0	1,1,2-TRICHLOROETHANE	ND	50.0
1,1-DICHLOROETHENE	ND	50.0	TRICHLOROETHENE	ND	50.0
cis-1,2-DICHLOROETHENE	ND	50.0	TRICHLORFLUOROMETHANE	ND	100.0
trans-1,2-DICHLOROETHENE	ND	50.0	1,2,3-TRICHLOROPROPANE	ND	100.0
1,2-DICHLOROPROPANE	ND	50.0	1,2,4-TRIMETHYLBENZENE	ND	50.0
1,3-DICHLOROPROPANE	ND	50.0	1,3,5-TRIMETHYLBENZENE	ND	50.0
2,2-DICHLOROPROPANE	ND	50.0	VINYL CHLORIDE	ND	40.0
1,1-DICHLOROPROPENE	ND	50.0	XYLENE (TOTAL)	ND	150.0

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COMPANY: GRT
PROJECT NO:
LOCATION: 6691 US-31

GTA PROJECT NO: 031821-11
GTA SAMPLE NO: 3

DATE SAMPLED: 3/18/2021
TIME SAMPLED: 12:54 PM
DATE RECEIVED: 3/18/2021
TIME RECEIVED: 2:47 PM

SAMPLED BY: ANDREW DUBAY/GRT
SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS LAB MEOH PRESERVED.

SAMPLE ID: 7' EAST

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) Analyst= MR Date Extracted= 3/18/2021 Date Completed= 3/19/2021 Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50.0
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50.0
BENZENE	ND	50.0	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100.0	ETHYLBENZENE	ND	50.0
BROMOCHLOROMETHANE	ND	100.0	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50.0	HEXACHLOROBUTADIENE	ND	50.0
BROMOFORM	ND	100.0	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200.0	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50.0	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50.0	ISOPROPYLBENZENE	ND	50.0
t-BUTYLBENZENE	ND	50.0	ISOPROPYLTOLUENE	ND	50.0
CARBON DISULFIDE	ND	250.0	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50.0	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50.0	METHYL-t-BUTYL ETHER	ND	250.0
1-CHLOROBUTANE	ND	100.0	METHYLENE CHLORIDE	ND	100.0
CHLOROFORM	ND	50.0	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250.0	MIBK	ND	2,500
CHLOROMETHANE	ND	250.0	2-METHYLNAPHTHALENE	ND	250.0
2-CHLOROTOLUENE	ND	50.0	NAPHTHALENE	ND	250.0
4-CHLOROTOLUENE	ND	50.0	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100.0	n-PROPYLBENZENE	ND	50.0
DIBROMOMETHANE	ND	250.0	STYRENE	ND	50.0
1,2-DIBROMOETHANE	ND	20.0	1,1,1,2-TETRACHLOROETHANE	ND	100.0
1,2-DICHLOROBENZENE	ND	50.0	1,1,2,2-TETRACHLOROETHANE	ND	50.0
1,3-DICHLOROBENZENE	ND	50.0	TETRACHLOROETHENE	ND	50.0
1,4-DICHLOROBENZENE	ND	50.0	TOLUENE	ND	50.0
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50.0
DICHLORODIFLUOROMETHANE	ND	250.0	1,2,4-TRICHLOROBENZENE	ND	250.0
1,1-DICHLOROETHANE	ND	50.0	1,1,1-TRICHLOROETHANE	ND	50.0
1,2-DICHLOROETHANE	ND	50.0	1,1,2-TRICHLOROETHANE	ND	50.0
1,1-DICHLOROETHENE	ND	50.0	TRICHLOROETHENE	ND	50.0
cis-1,2-DICHLOROETHENE	ND	50.0	TRICHLORFLUOROMETHANE	ND	100.0
trans-1,2-DICHLOROETHENE	ND	50.0	1,2,3-TRICHLOROPROPANE	ND	100.0
1,2-DICHLOROPROPANE	ND	50.0	1,2,4-TRIMETHYLBENZENE	ND	50.0
1,3-DICHLOROPROPANE	ND	50.0	1,3,5-TRIMETHYLBENZENE	ND	50.0
2,2-DICHLOROPROPANE	ND	50.0	VINYL CHLORIDE	ND	40.0
1,1-DICHLOROPROPENE	ND	50.0	XYLENE (TOTAL)	ND	150.0

ND = NOT DETECTED, RESULT IS <LOD.

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COMPANY: GRT
PROJECT NO:
LOCATION: 6691 US-31

GTA PROJECT NO: 031821-11
GTA SAMPLE NO: 4

DATE SAMPLED: 3/18/2021
TIME SAMPLED: 1:34 PM
DATE RECEIVED: 3/18/2021
TIME RECEIVED: 2:47 PM

SAMPLED BY: ANDREW DUBAY/GRT
SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS LAB MEOH PRESERVED.

SAMPLE ID: 10' WEST

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) Analyst= MR Date Extracted= 3/18/2021 Date Completed= 3/19/2021 Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50.0
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50.0
BENZENE	ND	50.0	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100.0	ETHYLBENZENE	ND	50.0
BROMOCHLOROMETHANE	ND	100.0	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50.0	HEXACHLOROBUTADIENE	ND	50.0
BROMOFORM	ND	100.0	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200.0	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50.0	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50.0	ISOPROPYLBENZENE	ND	50.0
t-BUTYLBENZENE	ND	50.0	ISOPROPYLTOLUENE	ND	50.0
CARBON DISULFIDE	ND	250.0	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50.0	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50.0	METHYL-t-BUTYL ETHER	ND	250.0
1-CHLOROBUTANE	ND	100.0	METHYLENE CHLORIDE	ND	100.0
CHLOROFORM	ND	50.0	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250.0	MIBK	ND	2,500
CHLOROMETHANE	ND	250.0	2-METHYLNAPHTHALENE	ND	250.0
2-CHLOROTOLUENE	ND	50.0	NAPHTHALENE	ND	250.0
4-CHLOROTOLUENE	ND	50.0	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100.0	n-PROPYLBENZENE	ND	50.0
DIBROMOMETHANE	ND	250.0	STYRENE	ND	50.0
1,2-DIBROMOETHANE	ND	20.0	1,1,1,2-TETRACHLOROETHANE	ND	100.0
1,2-DICHLOROBENZENE	ND	50.0	1,1,2,2-TETRACHLOROETHANE	ND	50.0
1,3-DICHLOROBENZENE	ND	50.0	TETRACHLOROETHENE	ND	50.0
1,4-DICHLOROBENZENE	ND	50.0	TOLUENE	ND	50.0
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50.0
DICHLORODIFLUOROMETHANE	ND	250.0	1,2,4-TRICHLOROBENZENE	ND	250.0
1,1-DICHLOROETHANE	ND	50.0	1,1,1-TRICHLOROETHANE	ND	50.0
1,2-DICHLOROETHANE	ND	50.0	1,1,2-TRICHLOROETHANE	ND	50.0
1,1-DICHLOROETHENE	ND	50.0	TRICHLOROETHENE	ND	50.0
cis-1,2-DICHLOROETHENE	ND	50.0	TRICHLORFLUOROMETHANE	ND	100.0
trans-1,2-DICHLOROETHENE	ND	50.0	1,2,3-TRICHLOROPROPANE	ND	100.0
1,2-DICHLOROPROPANE	ND	50.0	1,2,4-TRIMETHYLBENZENE	ND	50.0
1,3-DICHLOROPROPANE	ND	50.0	1,3,5-TRIMETHYLBENZENE	ND	50.0
2,2-DICHLOROPROPANE	ND	50.0	VINYL CHLORIDE	ND	40.0
1,1-DICHLOROPROPENE	ND	50.0	XYLENE (TOTAL)	ND	150.0

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.

**INDEPENDENT TESTING LAB**

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COMPANY: GRT

GTA PROJECT NO: 031821-

NAME:

SAMPLED BY: ANDREW DUBAY/GRT

PROJECT NO:

DATE SAMPLED: 3/18/2021

TIME SAMPLED: 11:26 AM

LOCATION: 6691 US-31

SAMPLE MATRIX: SOIL

DATE RECEIVED: 3/18/2021

TIME RECEIVED: 2:47 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
	SAMPLE ID: 10' NORTH					
	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	3/18/2021
	SAMPLE ID: 10' SOUTH					
	% MOISTURE EPA 3550C	12	0.050	% OF SAMPLE	AS	3/18/2021
	SAMPLE ID: 7' EAST					
	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	3/18/2021
	SAMPLE ID: 10' WEST					
	% MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	AS	3/18/2021

