

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MACKINAC ENVIRONMENTAL
Name:
ClientProj: M91-103
GTA ProjNo: 082719-3

Site Addr: ETS CONVENIENCE

Sampled By: MJR/MET
Date Rec: 8/27/2019
Time Rec: 1:07 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	VW-1	8/26/2019	11:02 AM	WATER
2	MW-2	8/26/2019	10:50 AM	WATER
3	MW-8	8/26/2019	11:45 AM	WATER
4	VW-2	8/26/2019	11:56 AM	WATER
5	MW-9	8/26/2019	12:25 PM	WATER
6	MW-3	8/26/2019	1:00 PM	WATER
7	MW-6R	8/26/2019	1:17 PM	WATER
8	MW-1R	8/26/2019	1:45 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
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-103
LOCATION: ETS CONVENIENCE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: VW-1

GTA PROJECT NO: 082719-3
GTA SAMPLE NO: 1
DATE SAMPLED: 8/26/2019
TIME SAMPLED: 11:02 AM
DATE RECEIVED: 8/27/2019
TIME RECEIVED: 1:07 PM
SAMPLED BY: MJR/MET

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	8.5	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	4.0	1.0					
Ethylbenzene	5.8	1.0					
Xylene(Total)	5.3	3.0					
1,2,4-Trimethylbenzene	53	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-103
LOCATION: ETS CONVENIENCE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 082719-3
GTA SAMPLE NO: 2
DATE SAMPLED: 8/26/2019
TIME SAMPLED: 10:50 AM
DATE RECEIVED: 8/27/2019
TIME RECEIVED: 1:07 PM
SAMPLED BY: MJR/MET

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	ND	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	68	1.0					
1,3,5-Trimethylbenzene	45	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	5.3	5.0					

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COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-103
LOCATION: ETS CONVENIENCE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8

GTA PROJECT NO: 082719-3
GTA SAMPLE NO: 3
DATE SAMPLED: 8/26/2019
TIME SAMPLED: 11:45 AM
DATE RECEIVED: 8/27/2019
TIME RECEIVED: 1:07 PM
SAMPLED BY: MJR/MET

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	ND	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-103
LOCATION: ETS CONVENIENCE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: VW-2
GTA PROJECT NO: 082719-3
GTA SAMPLE NO: 4
DATE SAMPLED: 8/26/2019
TIME SAMPLED: 11:56 AM
DATE RECEIVED: 8/27/2019
TIME RECEIVED: 1:07 PM
SAMPLED BY: MJR/MET

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	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	082719-3
PROJECT NO:	M91-103	GTA SAMPLE NO:	5
LOCATION:	ETS CONVENIENCE	DATE SAMPLED:	8/26/2019
		TIME SAMPLED:	12:25 PM
		DATE RECEIVED:	8/27/2019
	MI	TIME RECEIVED:	1:07 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-9	SAMPLED BY:	MJR/MET

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	ND	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	082719-3
PROJECT NO:	M91-103	GTA SAMPLE NO:	6
LOCATION:	ETS CONVENIENCE	DATE SAMPLED:	8/26/2019
		TIME SAMPLED:	1:00 PM
	MI	DATE RECEIVED:	8/27/2019
		TIME RECEIVED:	1:07 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	MJR/MET

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	ND	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-103
LOCATION: ETS CONVENIENCE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6R

GTA PROJECT NO: 082719-3
GTA SAMPLE NO: 7
DATE SAMPLED: 8/26/2019
TIME SAMPLED: 1:17 PM
DATE RECEIVED: 8/27/2019
TIME RECEIVED: 1:07 PM
SAMPLED BY: MJR/MET

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	ND	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	082719-3
PROJECT NO:	M91-103	GTA SAMPLE NO:	8
LOCATION:	ETS CONVENIENCE	DATE SAMPLED:	8/26/2019
		TIME SAMPLED:	1:45 PM
	MI	DATE RECEIVED:	8/27/2019
		TIME RECEIVED:	1:07 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1R	SAMPLED BY:	MJR/MET

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	1.6	1.0	ug/L (PPB)	MR		8/28/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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