

**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: M91-090
GTA ProjNo: 081021-9

Site Addr: USA 311

Sampled By: SDM/SLR - MET
Date Rec: 8/10/2021
Time Rec: 3:06 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-21	8/3/2021	9:55 AM	WATER
2	MW-10	8/3/2021	10:01 AM	WATER
3	MW-25	8/3/2021	10:06 AM	WATER
4	MW-14	8/3/2021	11:15 AM	WATER
5	VW-5	8/3/2021	11:45 AM	WATER
6	VW-3	8/3/2021	12:11 PM	WATER
7	MW-29	8/3/2021	12:50 PM	WATER
8	MW-1R	8/3/2021	1:25 PM	WATER
9	MW-30	8/3/2021	2:04 PM	WATER
10	MW-2	8/3/2021	2:40 PM	WATER
11	MW-16	8/3/2021	3:25 PM	WATER
12	A2	8/4/2021	1:20 PM	WATER
13	A3	8/4/2021	1:50 PM	WATER
14	MW-6	8/4/2021	2:35 PM	WATER
15	MW-3	8/4/2021	2:50 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 Chase

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COMPANY: MACKINAC ENVIRONMENTAL

PROJECT NO: M91-090

LOCATION: USA 311

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-21

GTA PROJECT NO: 081021-9

GTA SAMPLE NO: 1

DATE SAMPLED: 8/3/2021

TIME SAMPLED: 9:55 AM

DATE RECEIVED: 8/10/2021

TIME RECEIVED: 3:06 PM

SAMPLED BY: SDM/SLR - 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		8/12/2021	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: MACKINAC ENVIRONMENTAL

PROJECT NO: M91-090

LOCATION: USA 311

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-10

GTA PROJECT NO: 081021-9

GTA SAMPLE NO: 2

DATE SAMPLED: 8/3/2021

TIME SAMPLED: 10:01 AM

DATE RECEIVED: 8/10/2021

TIME RECEIVED: 3:06 PM

SAMPLED BY: SDM/SLR - 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	100	1.0	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	2.0	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	17	3.0					
1,2,4-Trimethylbenzene	16	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	220	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	15	5.0					

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	3
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	10:06 AM
		DATE RECEIVED:	8/10/2021
	MI	TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-25	SAMPLED BY:	SDM/SLR - 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	320	5.0	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	3.7	3.0					
1,2,4-Trimethylbenzene	1.4	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	440	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MACKINAC ENVIRONMENTAL

PROJECT NO: M91-090

LOCATION: USA 311

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-14

GTA PROJECT NO: 081021-9

GTA SAMPLE NO: 4

DATE SAMPLED: 8/3/2021

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 8/10/2021

TIME RECEIVED: 3:06 PM

SAMPLED BY: SDM/SLR - 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		8/12/2021	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	5
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	11:45 AM
	MI	DATE RECEIVED:	8/10/2021
		TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	VW-5	SAMPLED BY:	SDM/SLR - 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		8/12/2021	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:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	6
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	12:11 PM
		DATE RECEIVED:	8/10/2021
	MI	TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	VW-3	SAMPLED BY:	SDM/SLR - 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	290	10	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	2.8	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	37	3.0					
1,2,4-Trimethylbenzene	160	10					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	87	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	10	5.0					

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LOD = LIMIT OF DETECTION

COMPANY: MACKINAC ENVIRONMENTAL

GTA PROJECT NO: 081021-9

PROJECT NO: M91-090

GTA SAMPLE NO: 7

LOCATION: USA 311

DATE SAMPLED: 8/3/2021

TIME SAMPLED: 12:50 PM

MI

DATE RECEIVED: 8/10/2021

TIME RECEIVED: 3:06 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-29

SAMPLED BY: SDM/SLR - 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	1,500	10	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	27	1.0					
Ethylbenzene	50	1.0					
Xylene(Total)	240	21					
1,2,4-Trimethylbenzene	13	1.0					
1,3,5-Trimethylbenzene	2.0	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.

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LOD = LIMIT OF DETECTION

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	8
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	1:25 PM
	MI	DATE RECEIVED:	8/10/2021
		TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1R	SAMPLED BY:	SDM/SLR - 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	4,600	50	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	3,500	50					
Ethylbenzene	740	50					
Xylene(Total)	4,600	150					
1,2,4-Trimethylbenzene	3,000	50					
1,3,5-Trimethylbenzene	1,100	50					
Methyl-t-Butyl Ether	300	5.0					
Naphthalene	280	5.0					
2-Methylnaphthalene	84	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	9
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	2:04 PM
	MI	DATE RECEIVED:	8/10/2021
		TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-30	SAMPLED BY:	SDM/SLR - 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	350	5.0	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	4.4	1.0					
Ethylbenzene	3.5	1.0					
Xylene(Total)	1,000	11					
1,2,4-Trimethylbenzene	24	1.0					
1,3,5-Trimethylbenzene	7.7	1.0					
Methyl-t-Butyl Ether	13	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	10
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	2:40 PM
	MI	DATE RECEIVED:	8/10/2021
		TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2	SAMPLED BY:	SDM/SLR - 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	31	1.0	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	1.6	1.0					
Ethylbenzene	1.2	1.0					
Xylene(Total)	45	3.0					
1,2,4-Trimethylbenzene	3.5	1.0					
1,3,5-Trimethylbenzene	1.1	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.

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LOD = LIMIT OF DETECTION

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	11
LOCATION:	USA 311	DATE SAMPLED:	8/3/2021
		TIME SAMPLED:	3:25 PM
	MI	DATE RECEIVED:	8/10/2021
		TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-16	SAMPLED BY:	SDM/SLR - 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	690	50	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	4,800	50					
Ethylbenzene	600	50					
Xylene(Total)	4,200	150					
1,2,4-Trimethylbenzene	5,400	50					
1,3,5-Trimethylbenzene	1,700	50					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	180	5.0					
2-Methylnaphthalene	110	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	12
LOCATION:	USA 311	DATE SAMPLED:	8/4/2021
		TIME SAMPLED:	1:20 PM
	MI	DATE RECEIVED:	8/10/2021
		TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	A2	SAMPLED BY:	SDM/SLR - 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	31,000	50	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	340	50					
Ethylbenzene	2,200	50					
Xylene(Total)	8,400	150					
1,2,4-Trimethylbenzene	6,000	50					
1,3,5-Trimethylbenzene	1,800	50					
Methyl-t-Butyl Ether	9,600	50					
Naphthalene	850	50					
2-Methylnaphthalene	190	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	13
LOCATION:	USA 311	DATE SAMPLED:	8/4/2021
		TIME SAMPLED:	1:50 PM
		DATE RECEIVED:	8/10/2021
	MI	TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	A3	SAMPLED BY:	SDM/SLR - 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	1,300	50	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	460	50					
Ethylbenzene	8,900	50					
Xylene(Total)	6,900	150					
1,2,4-Trimethylbenzene	2,900	50					
1,3,5-Trimethylbenzene	640	50					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	340	5.0					
2-Methylnaphthalene	82	5.0					

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COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	14
LOCATION:	USA 311	DATE SAMPLED:	8/4/2021
		TIME SAMPLED:	2:35 PM
		DATE RECEIVED:	8/10/2021
	MI	TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-6	SAMPLED BY:	SDM/SLR - 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	48	1.0	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	6.2	1.0					
Ethylbenzene	140	10					
Xylene(Total)	1,000	21					
1,2,4-Trimethylbenzene	720	10					
1,3,5-Trimethylbenzene	120	10					
Methyl-t-Butyl Ether	43	5.0					
Naphthalene	8.8	5.0					
2-Methylnaphthalene	51	5.0					

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LOD = LIMIT OF DETECTION

COMPANY:	MACKINAC ENVIRONMENTAL	GTA PROJECT NO:	081021-9
PROJECT NO:	M91-090	GTA SAMPLE NO:	15
LOCATION:	USA 311	DATE SAMPLED:	8/4/2021
		TIME SAMPLED:	2:50 PM
		DATE RECEIVED:	8/10/2021
	MI	TIME RECEIVED:	3:06 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	SDM/SLR - 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	95	5.0	ug/L (PPB)	MR		8/12/2021	EPA 5030B
Toluene	200	5.0					
Ethylbenzene	1,200	50					
Xylene(Total)	1,700	100					
1,2,4-Trimethylbenzene	190	5.0					
1,3,5-Trimethylbenzene	67	5.0					
Methyl-t-Butyl Ether	58	5.0					
Naphthalene	21	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

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COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-090
LOCATION: USA 311

GTA PROJECT NO: 081021-9
GTA SAMPLE NO: 13

DATE SAMPLED: 8/4/2021
TIME SAMPLED: 1:50 PM

SAMPLED BY: MI
SDM/SLR - MET

DATE RECEIVED: 8/10/2021
TIME RECEIVED: 3:06 PM

SAMPLE MATRIX: WATER
SAMPLE ID: A3

PNA EPA 8270D (SIM)

<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>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	8/12/2021	8/12/2021	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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LOD = LIMIT OF DETECTION.

COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-090
LOCATION: USA 311

GTA PROJECT NO: 081021-9
GTA SAMPLE NO: 14

DATE SAMPLED: 8/4/2021
TIME SAMPLED: 2:35 PM

SAMPLED BY: MI
SDM/SLR - MET

DATE RECEIVED: 8/10/2021
TIME RECEIVED: 3:06 PM

SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

PNA EPA 8270D (SIM)

<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>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	8/12/2021	8/12/2021	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

COMPANY: MACKINAC ENVIRONMENTAL
PROJECT NO: M91-090
LOCATION: USA 311

GTA PROJECT NO: 081021-9
GTA SAMPLE NO: 15

DATE SAMPLED: 8/4/2021
TIME SAMPLED: 2:50 PM

SAMPLED BY: MI
SDM/SLR - MET

DATE RECEIVED: 8/10/2021
TIME RECEIVED: 3:06 PM

SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

PNA EPA 8270D (SIM)

<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>
Acenaphthene	ND	5.0	ug/L (PPB)	KC/TR	8/12/2021	8/12/2021	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

CHAIN OF CUSTODY

PROJECT NUMBER M91-090	SITE NAME/ADDRESS USA 311	COMPANY/NAME
SAMPLED BY SDM/SLR	COMPANY MET	GTA PROJECT # 081021-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-21	8/3/2021	0955	GW	ULG
2	MW-10		1001		
3	MW-25		1006		
4	MW-14		1115		
5	VW-5		1145		
6	VW-3		1211		
7	MW-29		1250		
8	MW-1R		1325		
9	MW-30		1404		
10	MW-2		1440		
11	MW-16	↓	1525		
12	A2	8/4/2021	1320		
13	A3	↓	1350		
14	MW-6		1435		
15	MW-3	↓	1450	↓	↓

Shipped
on ice

PNA

BILL TO: Ed Radecki
met@Sault.com

TempRec: ☐

2.4C

On Ice? ☒ Y ☐ N

REPORT TO:
Same as Bill to

RELEASED BY

DATE/TIME

Sena Reynolds 8/9/2021
1500

RECEIVED BY

DATE/TIME

K. J. J. 8/10/21 3:06p

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