



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: M20-3253
GTA ProjNo: 062620-3

Site Addr: CHEBOYGAN WWTP

Sampled By: BRAD JEFFERS/MET
Date Rec: 6/26/2020
Time Rec: 1:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
33	TP-7 @ 2-3'	6/24/2020		SOIL
44	TP-9 @ 3-4'	6/24/2020		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
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

GTA PROJECT NO: 062620-3

PROJECT NO: M20-3253

GTA SAMPLE NO: 33

LOCATION: CHEBOYGAN WWTP

DATE SAMPLED: 6/24/2020

TIME SAMPLED:

SAMPLED BY: MI
BRAD JEFFERS/MET

DATE RECEIVED: 6/26/2020

TIME RECEIVED: 1:35 PM

SAMPLE ID: TP-7 @ 2-3'

SAMPLE MATRIX: SOIL

EPA 1311 TCLP - METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
BARIUM TCLP EPA 1311/6020A	0.65	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
CADMIUM TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
CHROMIUM TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
COPPER TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
LEAD TCLP EPA 1311/6020A	0.029	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
MERCURY TCLP EPA 1311/7470A	ND	0.00020	mg/L (PPM)	MR	7/20/2020	1311/7470
SELENIUM TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
SILVER TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
ZINC TCLP EPA 1311/6020A	0.26	0.25	mg/L (PPM)	MR	7/19/2020	1311/3005A

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

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COMPANY: MACKINAC ENVIRONMENTAL

GTA PROJECT NO: 062620-3

PROJECT NO: M20-3253

GTA SAMPLE NO: 44

LOCATION: CHEBOYGAN WWTP

DATE SAMPLED: 6/24/2020

TIME SAMPLED:

SAMPLED BY: MI
BRAD JEFFERS/MET

DATE RECEIVED: 6/26/2020

TIME RECEIVED: 1:35 PM

SAMPLE ID: TP-9 @ 3-4'

SAMPLE MATRIX: SOIL

EPA 1311 TCLP - METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
BARIUM TCLP EPA 1311/6020A	1.2	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
CADMIUM TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
CHROMIUM TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
COPPER TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
LEAD TCLP EPA 1311/6020A	0.096	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
MERCURY TCLP EPA 1311/7470A	ND	0.00020	mg/L (PPM)	MR	7/20/2020	1311/7470
SELENIUM TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
SILVER TCLP EPA 1311/6020A	ND	0.025	mg/L (PPM)	MR	7/19/2020	1311/3005A
ZINC TCLP EPA 1311/6020A	0.93	0.25	mg/L (PPM)	MR	7/19/2020	1311/3005A

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

CHAIN OF CUSTODY

PROJECT NUMBER M20-3253	SITE NAME/ADDRESS Cheboygan WWTP	COMPANY/NAME
SAMPLED BY Brad Jeffers	COMPANY MET	GTA PROJECT # 062620-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	TP-4 = 2-3'	6/24/20		Soil	VOCs, PNA's, 10 MI Metals
2	TP-6 = 4-5'				
3	TP-7 = 2-3'				(X) TCL P ₁₀ added 7/6/20
4	TP-9 = 3-4'				(X) ↓ ↓ per BS
5	BD-1				
6	TP-4			GW	
7	TP-6				
8	TP-7				
9	TP-9				
10	BD-1				
					* Samples Packed on ice
					* Metals Field Filtered
					w/ 0.45 um filter
					* GW = 3 business Days

BILL TO:

MET
PO Box 485
St. Ignace, MI 49781

REPORT TO:

metesault.com

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Brad Jeffers

6/24/20 6:30pm

[Signature] 6/26/20 1:35

Soil

on ice

Grandwater

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☒ **3 BUSINESS DAYS**