



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: GCES
Name:
ClientProj: 2021045004.03
GTA ProjNo: 120121-11

Site Addr: 3520 RENNIE SCHOOL RD

Sampled By: MAX KORNDORFER/GCES
Date Rec: 12/1/2021
Time Rec: 2:33 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SAND BLAST MEDIA	12/1/2021	11:30 AM	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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: GCES
 PROJECT NO: 2021045004.03
 LOCATION: 3520 RENNIE SCHOOL RD
 MI
 SAMPLE ID: SAND BLAST MEDIA

GTA PROJECT NO: 120121- - 1
 DATE SAMPLED: 12/1/2021
 TIME SAMPLED: 11:30 AM
 DATE RECEIVED: 12/1/2021
 TIME RECEIVED: 2:33 PM
 SAMPLED: MAX KORNDORFER/GCES
 SAMPLE MATRIX: SOIL

EPA 8260B/1311 TCLP 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	12/1/2021	12/2/2021	1311/5030B
Carbon Tetrachloride	ND	1.0					
Chlorobenzene	ND	1.0					
Chloroform	ND	1.0					
1,2-Dichloroethane	ND	1.0					
1,1-Dichloroethene	ND	1.0					
Methyl Ethyl 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 BASIS.
 ND = NOT
 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

COMPANY: GCES
PROJECT NO: 2021045004.03
LOCATION: 3520 RENNIE SCHOOL RD
MI
SAMPLED BY: MAX KORNDORFER/GCES
SAMPLE ID: SAND BLAST MEDIA
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 120121-11
GTA SAMPLE NO: 1
DATE SAMPLED: 12/1/2021
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 12/1/2021
TIME RECEIVED: 2:33 PM

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	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
BARIUM TCLP EPA 1311/6020A	0.18	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
CADMIUM TCLP EPA 1311/6020A	ND	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
CHROMIUM TCLP EPA 1311/6020A	0.0088	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
COPPER TCLP EPA 1311/6020A	ND	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
LEAD TCLP EPA 1311/6020A	0.041	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
MERCURY TCLP EPA 1311/7470A	ND	0.0002	mg/L (PPM)	MR	12/6/2021	EPA 7470
SELENIUM TCLP EPA 1311/6020A	ND	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
SILVER TCLP EPA 1311/6020A	ND	0.0050	mg/L (PPM)	MR	12/3/2021	EPA 3005A
ZINC TCLP EPA 1311/6020A	0.38	0.050	mg/L (PPM)	MR	12/3/2021	EPA 3005A

ND = NOT DETECTED
LOD = LIMIT OF DETECTION
DISS = DISSOLVED



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: GCES

NAME:
PROJECT NO: 2021045004.03

LOCATION: 3520 RENNIE SCHOOL RD

MI

GTA PROJECT NO: 120121-
SAMPLED BY: MAX KORNDORFER/GCES

DATE SAMPLED: 12/1/2021

SAMPLE MATRIX: SOIL

DATE RECEIVED: 12/1/2021
TIME RECEIVED: 2:33 PM

MOISTURE

No: Analysis

SAMPLE ID: SAND BLAST MEDIA
% MOISTURE EPA 3550C

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
2.7	0.050	% OF SAMPLE	AS	12/1/2021

CHAIN OF CUSTODY

PROJECT NUMBER 2021045004.03	SITE NAME/ADDRESS 3520 Pennie School Rd	COMPANY/NAME GCEs
SAMPLED BY M. Korndorfer	COMPANY GCEs	GTA PROJECT # 120121-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	Soil Blast Media	12-1-21	11:30	Soil	TCLP Metals, TCLP Voc's
2	HA-1 (1')			Soil	Voc's, MI 10 metals
3	HA-2 (1')			Soil	Voc's, MI 10 metals
4	HA-3 (1')			Soil	Voc's, MI 10 metals
5	HA-4 (1')			Voc's, PNA's	
6	HA-5 (1')			Voc's, PNA's	
7	HA-6 (1')			Voc's, PNA's	
8	HA-7 (1')			Voc's, MI 10 metals	
9	HA-8 (1')			Voc's, MI 10 metals	

BILL TO: GCEs	TempRec: <input type="checkbox"/> On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/> 3.5°C	REPORT TO: Eric Vincke / Max Korndorfer
-------------------------	---	---

RELEASED BY 	DATE/TIME 12-1-21 2:33 p	RECEIVED BY 	DATE/TIME 12/1/21 2:33
------------------------	------------------------------------	------------------------	----------------------------------

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