

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: ALCOTEC
Name:
ClientProj: 2022235001
GTA ProjNo: 052022-3

Site Addr: ALCOTEC

Sampled By: D. THOMAS/GCES
Date Rec: 5/20/2022
Time Rec: 12:41 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	5/20/2022	10:05 AM	WATER
2	MW-2	5/20/2022	11:05 AM	WATER
3	MW-3	5/20/2022	11:55 AM	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

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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COMPANY: ALCOTEC

PROJECT NO: 2022235001

LOCATION: ALCOTEC

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 1

DATE SAMPLED: 5/20/2022

TIME SAMPLED: 10:05 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

SAMPLED BY: D. THOMAS/GCES

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		5/22/2022	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					
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: ALCOTEC

PROJECT NO: 2022235001

LOCATION: ALCOTEC

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 2

DATE SAMPLED: 5/20/2022

TIME SAMPLED: 11:05 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

SAMPLED BY: D. THOMAS/GCES

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		5/22/2022	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					
Naphthalene	ND	5.0					
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COMPANY: ALCOTEC

PROJECT NO: 2022235001

LOCATION: ALCOTEC

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 3

DATE SAMPLED: 5/20/2022

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

SAMPLED BY: D. THOMAS/GCES

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>
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Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
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COMPANY: ALCOTEC

PROJECT NO: 2022235001

LOCATION: ALCOTEC

SAMPLED BY: MI
D. THOMAS/GCES

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 1

DATE SAMPLED: 5/20/2022

TIME SAMPLED: 10:05 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

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	5/26/2022	5/26/2022	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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

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COMPANY: ALCOTEC

PROJECT NO: 2022235001

LOCATION: ALCOTEC

SAMPLED BY: MI
D. THOMAS/GCES

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 2

DATE SAMPLED: 5/20/2022

TIME SAMPLED: 11:05 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

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	5/26/2022	5/26/2022	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
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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					
2-Methylnaphthalene	ND	5.0					
Naphthalene	ND	5.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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COMPANY: ALCOTEC

GTA PROJECT NO: 052022-3

PROJECT NO: 2022235001

GTA SAMPLE NO: 3

LOCATION: ALCOTEC

DATE SAMPLED: 5/20/2022

TIME SAMPLED: 11:55 AM

SAMPLED BY: MI
D. THOMAS/GCES

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 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>
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Acenaphthylene	ND	5.0					
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Naphthalene	ND	5.0					
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COMPANY: ALCOTEC

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 1

NAME:

PROJECT NO: 2022235001

DATE SAMPLED: 5/20/2022

LOCATION: ALCOTEC

TIME SAMPLED: 10:05 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

SAMPLED BY: MI
D. THOMAS/GCES**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	MW-1							
SAMPLE MATRIX:	WATER							
DIESEL RANGE ORGANICS (DRO C10-C20)		ND	4.0	mg/L (PPM)	KC/TR	5/26/2022	5/26/2022	EPA 3510C
EPA 8015M								

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COMPANY: ALCOTEC

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 2

NAME:

PROJECT NO: 2022235001

DATE SAMPLED: 5/20/2022

LOCATION: ALCOTEC

TIME SAMPLED: 11:05 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

SAMPLED BY: MI
D. THOMAS/GCES**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	MW-2							
SAMPLE MATRIX:	WATER							
DIESEL RANGE ORGANICS (DRO C10-C20)		ND	4.0	mg/L (PPM)	KC/TR	5/26/2022	5/26/2022	EPA 3510C
EPA 8015M								

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

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COMPANY: ALCOTEC

GTA PROJECT NO: 052022-3

GTA SAMPLE NO: 3

NAME:

PROJECT NO: 2022235001

DATE SAMPLED: 5/20/2022

LOCATION: ALCOTEC

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 5/20/2022

TIME RECEIVED: 12:41 PM

SAMPLED BY: MI
D. THOMAS/GCES**ORGANICS**

<u>No:</u>	<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>
SAMPLE ID:	MW-3							
SAMPLE MATRIX:	WATER							
DIESEL RANGE ORGANICS (DRO C10-C20)		ND	4.0	mg/L (PPM)	KC/TR	5/26/2022	5/26/2022	EPA 3510C
EPA 8015M								

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER 2022235001	SITE NAME/ADDRESS Alcotec	COMPANY/NAME GCES Alcotec
SAMPLED BY D. Thomas	COMPANY GCES	GTA PROJECT # 052022-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-1	5/20/22	10:05	GW	BTEX+4, PNA₅, TPH-DRO
	MW-2	5/20/22	11:05	GW	↓
	MW-3	5/20/22	11:55	GW	

BILL TO: GCES	TempRec: ☐ 3.20C	On Ice? ☒ ☐	REPORT TO: ERIC V
-------------------------	---	--	-----------------------------

RELEASED BY David [Signature]	DATE/TIME 5/20/22 12:41p	RECEIVED BY K. [Signature]	DATE/TIME 5/20/22 12:41p

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