



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: APOLLO
Name:
ClientProj:

Site Addr: TOWNSITE 1-17

GTA ProjNo: 071423-18

Sampled By: LMH-J/ECT
Date Rec: 7/14/2023
Time Rec: 4:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	NORTH	7/14/2023		SOIL
2	NORTH #2	7/14/2023		SOIL
3	SOUTH	7/14/2023		SOIL
4	WEST	7/14/2023		SOIL
5	EAST	7/14/2023		SOIL
6	F-1	7/14/2023		SOIL
7	F-2	7/14/2023		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
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COMPANY: APOLLO

PROJECT NO:

LOCATION: TOWNSITE 1-17

MI

SAMPLE MATRIX: SOIL
 SAMPLE ID: NORTH

GTA PROJECT NO: 071423-18

GTA SAMPLE NO: 1

DATE SAMPLED: 7/14/2023

TIME SAMPLED:

DATE RECEIVED: 7/14/2023

TIME RECEIVED: 4:50 PM

SAMPLED BY: LMH-J/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	290	50					
Ethylbenzene	ND	50					
Xylene(Total)	800	150					
1,2,4-Trimethylbenzene	230	50					
1,3,5-Trimethylbenzene	99	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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

COMPANY: APOLLO
PROJECT NO:
LOCATION: TOWNSITE 1-17
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: NORTH #2

GTA PROJECT NO: 071423-18
GTA SAMPLE NO: 2
DATE SAMPLED: 7/14/2023
TIME SAMPLED:
DATE RECEIVED: 7/14/2023
TIME RECEIVED: 4:50 PM

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	250	150					
1,2,4-Trimethylbenzene	160	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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LOD = LIMIT OF DETECTION

COMPANY: APOLLO
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SOUTH

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

SAMPLED BY: LMH-J/ECT
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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: APOLLO
PROJECT NO:
LOCATION: TOWNSITE 1-17
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: WEST

GTA PROJECT NO: 071423-18
GTA SAMPLE NO: 4
DATE SAMPLED: 7/14/2023
TIME SAMPLED:
DATE RECEIVED: 7/14/2023
TIME RECEIVED: 4:50 PM

SAMPLED BY: LMH-J/ECT
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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: APOLLO
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: EAST

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 5
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

SAMPLED BY: LMH-J/ECT
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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	150	50					
Ethylbenzene	ND	50					
Xylene(Total)	530	150					
1,2,4-Trimethylbenzene	150	50					
1,3,5-Trimethylbenzene	55	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: APOLLO
PROJECT NO:
LOCATION: TOWNSITE 1-17
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: F-1

GTA PROJECT NO: 071423-18
GTA SAMPLE NO: 6
DATE SAMPLED: 7/14/2023
TIME SAMPLED:
DATE RECEIVED: 7/14/2023
TIME RECEIVED: 4:50 PM

SAMPLED BY: LMH-J/ECT
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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	170	50					
Ethylbenzene	ND	50					
Xylene(Total)	500	150					
1,2,4-Trimethylbenzene	210	50					
1,3,5-Trimethylbenzene	67	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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LOD = LIMIT OF DETECTION

COMPANY: APOLLO
PROJECT NO:
LOCATION: TOWNSITE 1-17
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: F-2

GTA PROJECT NO: 071423-18
GTA SAMPLE NO: 7
DATE SAMPLED: 7/14/2023
TIME SAMPLED:
DATE RECEIVED: 7/14/2023
TIME RECEIVED: 4:50 PM

SAMPLED BY: LMH-J/ECT
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/14/2023	7/19/2023	EPA 5035A
Toluene	630	50					
Ethylbenzene	ND	50					
Xylene(Total)	1,900	150					
1,2,4-Trimethylbenzene	800	50					
1,3,5-Trimethylbenzene	240	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 1
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID:	NORTH							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS (DRO C10-C20) EPA 8270D		ND	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C

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

COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 2
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID:	NORTH #2							
SAMPLE	SOIL							
DIESEL RANGE ORGANICS (DRO C10-C20) EPA 8270D		ND	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C

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

COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID: SAMPLE	SOUTH SOIL	ND	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C
DIESEL RANGE ORGANICS (DRO C10-C20) EPA 8270D								

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

COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID: SAMPLE	WEST SOIL	ND	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C
DIESEL RANGE ORGANICS (DRO C10- C20) EPA 8270D								

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

COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 5
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID: SAMPLE	EAST SOIL	ND	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C
DIESEL RANGE ORGANICS (DRO C10-C20) EPA 8270D								

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

COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 6
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID: SAMPLE	F-1 SOIL	ND	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C
DIESEL RANGE ORGANICS (DRO C10-C20) EPA 8270D								

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

COMPANY: APOLLO
 NAME:
 PROJECT NO:
 LOCATION: TOWNSITE 1-17
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 071423-18
 GTA SAMPLE NO: 7
 DATE SAMPLED: 7/14/2023
 TIME SAMPLED:
 DATE RECEIVED: 7/14/2023
 TIME RECEIVED: 4:50 PM

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>Completed</u>	<u>Prep Method</u>
SAMPLE ID: SAMPLE	F-2 SOIL	130	10	mg/Kg (PPM)	KC/TR	6/19/2023	6/20/2023	EPA 3500C
DIESEL RANGE ORGANICS (DRO C10-C20) EPA 8270D								

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COMPANY: APOLLO

NAME:
PROJECT NO:

LOCATION: TOWNSITE 1-17

MI

GTA PROJECT NO: 071423-18
SAMPLED BY: LMH-J/ECT

DATE SAMPLED: 7/14/2023

SAMPLE SOIL

DATE RECEIVED: 7/14/2023
TIME RECEIVED: 4:50 PM

MOISTURE

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: NORTH % MOISTURE EPA 3550C	3.6	0.10	% OF SAMPLE	AS	7/14/2023
SAMPLE ID: NORTH #2 % MOISTURE EPA 3550C	4.4	0.10	% OF SAMPLE	AS	7/14/2023
SAMPLE ID: SOUTH % MOISTURE EPA 3550C	4.5	0.10	% OF SAMPLE	AS	7/14/2023
SAMPLE ID: WEST % MOISTURE EPA 3550C	5.9	0.10	% OF SAMPLE	AS	7/14/2023
SAMPLE ID: EAST % MOISTURE EPA 3550C	6.3	0.10	% OF SAMPLE	AS	7/14/2023
SAMPLE ID: F-1 % MOISTURE EPA 3550C	3.5	0.10	% OF SAMPLE	AS	7/14/2023
SAMPLE ID: F-2 % MOISTURE EPA 3550C	6.1	0.10	% OF SAMPLE	AS	7/14/2023

