



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: APOLLO ENERGY
Name:
ClientProj:

Site Addr: JOHNSON

GTA ProjNo: 042723-6

Sampled By: LMH-J/ECT
Date Rec: 4/27/2023
Time Rec: 3:22 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SS #1	4/27/2023		SOIL
2	SS #2	4/27/2023		SOIL
3	SS #3	4/27/2023		SOIL
4	SS #5	4/27/2023		SOIL
5	SS #6	4/27/2023		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

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COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: JOHNSON

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS #1

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 1

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	4/27/2023	5/3/2023	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					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: APOLLO ENERGY

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 2

PROJECT NO:

LOCATION: JOHNSON

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS #2

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	4/27/2023	5/3/2023	EPA 5035A
Toluene	130	50					
Ethylbenzene	ND	50					
Xylene(Total)	270	150					
1,2,4-Trimethylbenzene	120	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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

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LOD = LIMIT OF DETECTION

COMPANY: APOLLO ENERGY

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 3

PROJECT NO:

LOCATION: JOHNSON

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS #3

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	4/27/2023	5/3/2023	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					

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

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LOD = LIMIT OF DETECTION

COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: JOHNSON

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS #5

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 4

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 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>Complete</u>	<u>Prep Method</u>
Benzene	190	50	ug/Kg (PPB)	MR	4/27/2023	5/3/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	100	50					
Xylene(Total)	830	150					
1,2,4-Trimethylbenzene	110	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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

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LOD = LIMIT OF DETECTION

COMPANY: APOLLO ENERGY

GTA PROJECT NO: 042723-6

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: JOHNSON

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS #6

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	4/27/2023	5/3/2023	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					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: JOHNSON

SAMPLED BY: MI
LMH-J/ECT

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 1

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SS #1

CHLORIDE EPA 300.0

Concentration

260

LOD

110

Units

mg/L (PPM)

Analyst

KC/AS

Date Completed

4/28/2023

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: JOHNSON

SAMPLED BY: MI
LMH-J/ECT

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 2

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: SS #2

CHLORIDE EPA 300.0

Concentration

190

LOD

97

Units

mg/L (PPM)

Analyst

KC/AS

Date Completed

4/28/2023

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: JOHNSON

SAMPLED BY: MI
LMH-J/ECT

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 3

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SS #3

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
160	100	mg/L (PPM)	KC/AS	4/28/2023	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: APOLLO ENERGY

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 4

PROJECT NO:

LOCATION: JOHNSON

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

MI

SAMPLED BY: LMH-J/ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SS #5

CHLORIDE EPA 300.0

Concentration

180

LOD

110

Units

mg/L (PPM)

Analyst

KC/AS

Date Completed

4/28/2023

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: JOHNSON

SAMPLED BY: MI
LMH-J/ECT

GTA PROJECT NO: 042723-6

GTA SAMPLE NO: 5

DATE SAMPLED: 4/27/2023

TIME SAMPLED:

DATE RECEIVED: 4/27/2023

TIME RECEIVED: 3:22 PM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SS #6

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
170	110	mg/L (PPM)	KC/AS	4/28/2023	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: APOLLO ENERGY

GTA PROJECT NO: 042723-
SAMPLED BY: LMH-J/ECTNAME:
PROJECT NO:

DATE SAMPLED: 4/27/2023

LOCATION: JOHNSON

SAMPLE MATRIX: SOIL

DATE RECEIVED: 4/27/2023
TIME RECEIVED: 3:22 PM

MI

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: SS #1	% MOISTURE EPA 3550C	9.3	0.10	% OF SAMPLE	AS	4/27/2023
SAMPLE ID: SS #2	% MOISTURE EPA 3550C	8.5	0.10	% OF SAMPLE	AS	4/27/2023
SAMPLE ID: SS #3	% MOISTURE EPA 3550C	5.0	0.10	% OF SAMPLE	AS	4/27/2023
SAMPLE ID: SS #5	% MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AS	4/27/2023
SAMPLE ID: SS #6	% MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AS	4/27/2023

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS <i>Johnson</i>	COMPANY/NAME <i>Apollo</i>
SAMPLED BY <i>LMH. J</i>	COMPANY <i>ECT</i>	GTA PROJECT # <i>042723-6</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<i>SS #1</i>	<i>4-27-23</i>		<i>SOIL</i>	<i>BTEX +4 & CL</i>
	<i>SS #2</i>				
	<i>SS #3</i>				
	<i>SS #4</i>				
	<i>SS #5</i>				
	<i>SS #6</i>				

BILL TO:

Apollo

REPORT TO:

Lisa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Lisa H. Jones *4-27-23*

[Signature] *4/27/23 3:22*
REL 1.5°C
ONTCE

REQUESTED TAT



STANDARD

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**