



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj: 2018100139.03  
GTA ProjNo: 080425-3

Site Addr: MAYFIELD 16

Sampled By: T. ACKLER/GCES  
Date Rec: 8/4/2025  
Time Rec: 10:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-10R3 (5')	7/31/2025	10:00 AM	SOIL
2	SB-10R3 (10')	7/31/2025	11:05 AM	SOIL
3	SB-26R (7')	7/31/2025	11:45 AM	SOIL
4	SB-26R (10')	7/31/2025	12:35 PM	SOIL
5	SB-PR-3R3 (7')	7/31/2025	1:30 PM	SOIL
6	SB-DH-1R (3.5')	7/31/2025	2:30 PM	SOIL
7	SB-DH-1R (10')	7/31/2025	3:00 PM	SOIL
8	SW-1AR (2')	8/1/2025	10:25 AM	SOIL
9	SW-1AR (5')	8/1/2025	10:45 AM	SOIL
10	HA-3R (2')	8/1/2025	11:15 AM	SOIL
11	HA-3R (5')	8/1/2025	11:30 AM	SOIL
12	SW-7AR (2')	8/1/2025	11:50 AM	SOIL
13	HA-4R (2')	8/1/2025	12:40 PM	SOIL
14	HA-4R (5')	8/1/2025	12:55 PM	SOIL
15	HA-2R (2')	8/1/2025	1:20 PM	SOIL
16	SB-DH-3R (5')	8/1/2025	2:40 PM	SOIL
17	SB-DH-3R (8')	8/1/2025	3:00 PM	SOIL
18	SB-DH-7 (5')	8/1/2025	3:25 PM	SOIL
19	SB-DH-7 (8')	8/1/2025	4:00 PM	SOIL
20	SB-DH-10 (3')	8/1/2025	10:24 AM	SOIL
21	SB-DH-10 (9')	8/1/2025	10:35 AM	SOIL
22	SB-DH-8 (4')	8/1/2025	10:51 AM	SOIL
23	SB-DH-8 (8.5')	8/1/2025	11:20 AM	SOIL
24	SB-DH-9 (3')	8/1/2025	11:38 AM	SOIL
25	SB-DH-6 (7.5')	8/1/2025	12:54 PM	SOIL
26	SB-DH-5 (3')	8/1/2025	1:19 PM	SOIL
27	SB-DH-5 (6')	8/1/2025	1:36 PM	SOIL
28	SB-DH-5 (10')	8/1/2025	2:17 PM	SOIL
29	SB-DH-4 (2')	8/1/2025	2:38 PM	SOIL
30	SB-DH-4 (6')	8/1/2025	2:50 PM	SOIL
31	SB-DH-2R (4')	8/1/2025	3:06 PM	SOIL
32	SB-DH-2R (9')	8/1/2025	3:18 PM	SOIL



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

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](mailto: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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-10R3 (5')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 1

DATE SAMPLED: 7/31/2025

TIME SAMPLED: 10:00 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/16/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	1,000	50					
Xylene(Total)	4,600	150					
1,2,4-Trimethylbenzene	4,900	50					
1,3,5-Trimethylbenzene	1,200	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	080425-3
PROJECT NO:	2018100139.03	GTA SAMPLE NO:	2
LOCATION:	MAYFIELD 16	DATE SAMPLED:	7/31/2025
		TIME SAMPLED:	11:05 AM
	MI	DATE RECEIVED:	8/4/2025
		TIME RECEIVED:	10:00 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	T. ACKLER/GCES
SAMPLE ID:	SB-10R3 (10')	**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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/15/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	1,700	50					
Xylene(Total)	4,700	150					
1,2,4-Trimethylbenzene	3,200	50					
1,3,5-Trimethylbenzene	650	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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-26R (7')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 3

DATE SAMPLED: 7/31/2025

TIME SAMPLED: 11:45 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	7/31/2025	8/15/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	1,300	50					
Xylene(Total)	27,000	150					
1,2,4-Trimethylbenzene	16,000	50					
1,3,5-Trimethylbenzene	6,000	50					
Naphthalene	1,400	250					
2-Methylnaphthalene	ND	250					

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

ND = NOT DETECTED, RESULT < LOD

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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL  
 SAMPLE ID: SB-26R (10')

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 4

DATE SAMPLED: 7/31/2025  
 TIME SAMPLED: 12:35 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	950	50	ug/Kg (PPB)	MR	7/31/2025	8/15/2025	EPA 5035A
Toluene	100	50					
Ethylbenzene	15,000	50					
Xylene(Total)	100,000	150					
1,2,4-Trimethylbenzene	24,000	50					
1,3,5-Trimethylbenzene	7,500	50					
Naphthalene	510	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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-PR-3R3 (7')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 5

DATE SAMPLED: 7/31/2025

TIME SAMPLED: 1:30 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	7/31/2025	8/16/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-1R (3.5')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 6  
DATE SAMPLED: 7/31/2025  
TIME SAMPLED: 2:30 PM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	3,300	50	ug/Kg (PPB)	MR	7/31/2025	8/16/2025	EPA 5035A
Toluene	79,000	1,000					
Ethylbenzene	15,000	1,000					
Xylene(Total)	87,000	3,000					
1,2,4-Trimethylbenzene	19,000	1,000					
1,3,5-Trimethylbenzene	3,500	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SB-DH-1R (10')

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 7/31/2025  
 TIME SAMPLED: 3:00 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
 \*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	1,300	50	ug/Kg (PPB)	MR	7/31/2025	8/12/2025	EPA 5035A
Toluene	3,000	50					
Ethylbenzene	310	50					
Xylene(Total)	760	150					
1,2,4-Trimethylbenzene	340	50					
1,3,5-Trimethylbenzene	260	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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-3R (5')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 16

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 2:40 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	8/1/2025	8/12/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-3R (8')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 17  
DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 3:00 PM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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	7/31/2025	8/12/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-7 (5')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 18  
DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 3:25 PM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/16/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	8,400	50					
Xylene(Total)	30,000	150					
1,2,4-Trimethylbenzene	25,000	50					
1,3,5-Trimethylbenzene	6,800	50					
Naphthalene	440	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
ND = NOT DETECTED, RESULT < LOD  
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: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SB-DH-7 (8')

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 19  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 4:00 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
 \*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/16/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	520	50					
Xylene(Total)	2,400	150					
1,2,4-Trimethylbenzene	2,200	50					
1,3,5-Trimethylbenzene	540	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-10 (3')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 20  
DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 10:24 AM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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	7/31/2025	8/12/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	080425-3
PROJECT NO:	2018100139.03	GTA SAMPLE NO:	21
LOCATION:	MAYFIELD 16	DATE SAMPLED:	8/1/2025
		TIME SAMPLED:	10:35 AM
		DATE RECEIVED:	8/4/2025
	MI	TIME RECEIVED:	10:00 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	T. ACKLER/GCES
SAMPLE ID:	SB-DH-10 (9')	**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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/12/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-8 (4')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 22

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 10:51 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	7/31/2025	8/12/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	080425-3
PROJECT NO:	2018100139.03	GTA SAMPLE NO:	23
LOCATION:	MAYFIELD 16	DATE SAMPLED:	8/1/2025
		TIME SAMPLED:	11:20 AM
		DATE RECEIVED:	8/4/2025
	MI	TIME RECEIVED:	10:00 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	T. ACKLER/GCES
SAMPLE ID:	SB-DH-8 (8.5')	**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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/12/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-9 (3')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 24  
DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 11:38 AM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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	7/31/2025	8/12/2025	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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-6 (7.5')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 25

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 12:54 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	7/31/2025	8/12/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-5 (3')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 26

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 1:19 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	3,400	50	ug/Kg (PPB)	MR	7/31/2025	8/16/2025	EPA 5035A
Toluene	15,000	50					
Ethylbenzene	2,100	50					
Xylene(Total)	9,400	150					
1,2,4-Trimethylbenzene	4,300	50					
1,3,5-Trimethylbenzene	990	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-5 (6')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 27

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 1:36 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	2,700	50	ug/Kg (PPB)	MR	7/31/2025	8/16/2025	EPA 5035A
Toluene	6,800	50					
Ethylbenzene	1,700	50					
Xylene(Total)	6,500	150					
1,2,4-Trimethylbenzene	3,700	50					
1,3,5-Trimethylbenzene	870	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: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-5 (10')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 28

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 2:17 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	7/31/2025	8/12/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-4 (2')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 29  
DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 2:38 PM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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	7/31/2025	8/12/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-DH-4 (6')

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 30

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 2:50 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES

\*\*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	7/31/2025	8/12/2025	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: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SB-DH-2R (4')

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 31  
DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 3:06 PM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

SAMPLED BY: T. ACKLER/GCES  
\*\*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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/31/2025	8/12/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	080425-3
PROJECT NO:	2018100139.03	GTA SAMPLE NO:	32
LOCATION:	MAYFIELD 16	DATE SAMPLED:	8/1/2025
		TIME SAMPLED:	3:18 PM
		DATE RECEIVED:	8/4/2025
	MI	TIME RECEIVED:	10:00 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	T. ACKLER/GCES
SAMPLE ID:	SB-DH-2R (9')	**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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	210	50	ug/Kg (PPB)	MR	7/31/2025	8/12/2025	EPA 5035A
Toluene	1,000	50					
Ethylbenzene	6,200	50					
Xylene(Total)	21,000	150					
1,2,4-Trimethylbenzene	5,900	50					
1,3,5-Trimethylbenzene	1,400	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: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 8

NAME:

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

TIME SAMPLED: 10:25 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/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:	SW-1AR (2')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8270D (SIM)		ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 9

NAME:

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

TIME SAMPLED: 10:45 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/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: SW-1AR (5')							
	SAMPLE MATRIX: SOIL							
	ETHYLENE GLYCOL EPA 8270D (SIM)	ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 NAME:  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16  
 MI  
 SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 11:15 AM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

**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:	HA-3R (2')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8270D (SIM)		ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
 ND = NOT DETECTED, RESULT < LOD  
 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: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 11

NAME:

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

TIME SAMPLED: 11:30 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/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:	HA-3R (5')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL	EPA 8270D (SIM)	ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 12

NAME:

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

TIME SAMPLED: 11:50 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/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:	SW-7AR (2')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8270D (SIM)		ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 13

NAME:

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/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:	HA-4R (2')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8270D (SIM)		ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 14

NAME:

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

TIME SAMPLED: 12:55 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI  
T. ACKLER/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:	HA-4R (5')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8270D (SIM)		1,100	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 NAME:  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16  
 MI  
 SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 15  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 1:20 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

**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:	HA-2R (2')							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8270D (SIM)		ND	10	mg/Kg (PPM)	KC/TR	8/7/2025	8/18/2025	EPA 3550M

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16  
 MI  
 SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 7/31/2025  
 TIME SAMPLED: 2:30 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-1R (3.5') CHLORIDE EPA 300.0	240	120	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 7

DATE SAMPLED: 7/31/2025

TIME SAMPLED: 3:00 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-1R (10') CHLORIDE EPA 300.0	240	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 16

DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 2:40 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-3R (5') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 17  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 3:00 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-3R (8') CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 18  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 3:25 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-7 (5') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 19  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 4:00 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-7 (8') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 20

DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 10:24 AM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-10 (3') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 21

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 10:35 AM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-10 (9')						
	CHLORIDE EPA 300.0	160	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 22  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 10:51 AM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-8 (4') CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 23  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 11:20 AM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-8 (8.5') CHLORIDE EPA 300.0	170	120	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 24  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 11:38 AM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-9 (3') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 25  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 12:54 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: SB-DH-6 (7.5') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16  
 MI  
 SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 26  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 1:19 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-5 (3') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100139.03  
LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
GTA SAMPLE NO: 27

DATE SAMPLED: 8/1/2025  
TIME SAMPLED: 1:36 PM  
DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

MI  
SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-5 (6') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 28  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 2:17 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-5 (10') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 29

DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 2:38 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-4 (2') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100139.03  
 LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3  
 GTA SAMPLE NO: 30  
 DATE SAMPLED: 8/1/2025  
 TIME SAMPLED: 2:50 PM  
 DATE RECEIVED: 8/4/2025  
 TIME RECEIVED: 10:00 AM

MI  
 SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-4 (6') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 31

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 3:06 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SB-DH-2R (4') CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16

GTA PROJECT NO: 080425-3

GTA SAMPLE NO: 32

DATE SAMPLED: 8/1/2025

TIME SAMPLED: 3:18 PM

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: T. ACKLER/GCES

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SB-DH-2R (9')

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	110	mg/Kg (PPM)	KC/AA	8/7/2025	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:  
PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16  
  
MI

GTA PROJECT NO: 080425-3  
SAMPLED BY: T. ACKLER/GCES

DATE SAMPLED: 7/31/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

**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: SB-10R3 (5') % MOISTURE EPA 3550C	17	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-10R3 (10') % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-26R (7') % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-26R (10') % MOISTURE EPA 3550C	9.1	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-PR-3R3 (7') % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	8/4/2025



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

NAME:

SAMPLED BY: T. ACKLER/GCES

PROJECT NO: 2018100139.03

DATE SAMPLED: 7/31/2025

LOCATION: MAYFIELD 16

SAMPLE MATRIX: SOIL

MI

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

**MOISTURE**

**No: Analysis**

	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: SB-DH-1R (3.5') % MOISTURE EPA 3550C	16	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-1R (10') % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AA	8/4/2025



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:  
PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16  
  
MI

GTA PROJECT NO: 080425-3  
SAMPLED BY: T. ACKLER/GCES

DATE SAMPLED: 8/1/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

**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: SW-1AR (2') % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SW-1AR (5') % MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: HA-3R (2') % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: HA-3R (5') % MOISTURE EPA 3550C	6.1	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SW-7AR (2') % MOISTURE EPA 3550C	8.1	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: HA-4R (2') % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: HA-4R (5') % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: HA-2R (2') % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AA	8/4/2025



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:  
PROJECT NO: 2018100139.03

LOCATION: MAYFIELD 16  
  
MI

GTA PROJECT NO: 080425-3  
SAMPLED BY: T. ACKLER/GCES

DATE SAMPLED: 8/1/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/4/2025  
TIME RECEIVED: 10:00 AM

**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: SB-DH-3R (5') % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-3R (8') % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-7 (5') % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-7 (8') % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-10 (3') % MOISTURE EPA 3550C	6.5	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-10 (9') % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-8 (4') % MOISTURE EPA 3550C	9.6	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-8 (8.5') % MOISTURE EPA 3550C	8.8	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-9 (3') % MOISTURE EPA 3550C	9.7	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-6 (7.5') % MOISTURE EPA 3550C	8.6	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-5 (3') % MOISTURE EPA 3550C	4.5	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-5 (6') % MOISTURE EPA 3550C	8.0	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-5 (10') % MOISTURE EPA 3550C	4.0	0.10	% OF SAMPLE	AA	8/4/2025
SAMPLE ID: SB-DH-4 (2') % MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AA	8/4/2025



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 080425-3

NAME:

SAMPLED BY: T. ACKLER/GCES

PROJECT NO: 2018100139.03

DATE SAMPLED: 8/1/2025

LOCATION: MAYFIELD 16

SAMPLE MATRIX: SOIL

MI

DATE RECEIVED: 8/4/2025

TIME RECEIVED: 10:00 AM

**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: SB-DH-4 (6') % MOISTURE EPA 3550C	9.2	0.10	% OF SAMPLE	AA	8/4/2025
	SAMPLE ID: SB-DH-2R (4') % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AA	8/4/2025
	SAMPLE ID: SB-DH-2R (9') % MOISTURE EPA 3550C	9.3	0.10	% OF SAMPLE	AA	8/4/2025

**CHAIN OF CUSTODY**

PROJECT NUMBER 2018100139.03	SITE NAME/ADDRESS Mayfield 16	COMPANY/NAME Lambda Energy Resources
SAMPLED BY T. Ackler	COMPANY Gosling Coobak	GTA PROJECT # 080425-3

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SB-10R3 (5')	7-31-25	10:00	Soil	HIPs
2	SB-10R3 (10')		11:05		
3	SB-26R (7')		11:45		
4	SB-26R (10')		12:35		
5	SB-PR-3R3 (7')		13:30		
6	SB-DH-1R (3.5')		14:30		HIPs + chloride
7	SB-DH-1R (10')		15:00		
8	SW-1AR (2')	8-1-25	10:25		Ethylene Glycol
9	SW-1AR (5')		10:45		
10	HA-3R (2')		11:15		
11	HA-3R (5')		11:30		
12	SW-7AR (2')		11:50		
13	HA-4R (2')		12:40		
14	HA-4R (5')		12:55		
15	HA-2R (2')		13:20		

BILL TO: LER	TempRec: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 26°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: J. Simsa
-----------------	---	--	------------------------

RELEASED BY: Trevor Ackler	DATE/TIME 8-4-25 @ 9:50	RECEIVED BY: 	DATE/TIME 8-4-25 10A
-------------------------------	----------------------------	------------------	-------------------------

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


**CHAIN OF CUSTODY**

PROJECT NUMBER 2018100139.03	SITE NAME/ADDRESS Mayfield 16	COMPANY/NAME Lambda Energy Resources
SAMPLED BY T. Ackler	COMPANY Gosling Czabak	GTA PROJECT # 080425-3

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	SB-DH-3R (5')	8-1-25	14:40	Soil	HIPs + chloride
17	SB-DH-3R (8')	↓	15:00	↓	↓
18	SB-DH-7 (5')	↓	15:25	↓	↓
19	SB-DH-7 (8')	↓	16:00	↓	↓
20	SB-DH-10 (3')	8-1-25	10:24	Soil	HIPs + chloride
21	SB-DH-10 (9')	↓	10:35	↓	↓
22	SB-DH-8 (4')	↓	10:51	↓	↓
23	SB-DH-8 (8.5')	↓	11:20	↓	↓
24	SB-DH-9 (3')	↓	11:38	↓	↓
25	SB-DH-6 (7.5')	↓	12:54	↓	↓
26	SB-DH-5 (3')	↓	13:19	↓	↓
27	SB-DH-5 (6')	↓	13:36	↓	↓
28	SB-DH-5 (10')	↓	14:17	↓	↓
29	SB-DH-4 (2')	↓	14:38	↓	↓
30	SB-DH-4 (6')	↓	14:50	↓	↓

BILL TO: LER	TempRec: <input type="checkbox"/> 2.6C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: J. Simsa
-----------------	---	--	------------------------

RELEASED BY Trevor Ackler	DATE/TIME 8-4-25 @ 9:50	RECEIVED BY 	DATE/TIME 8-4-25 10:11
------------------------------	----------------------------	---	---------------------------

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

