

**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: 2018100126.01

GTA ProjNo: 050919-16

Site Addr: COLD SPRINGS 20

Sampled By: BPR/GCES

Date Rec: 5/9/2019

Time Rec: 3:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-5	5/9/2019	11:30 AM	WATER
2	MW-14R	5/9/2019	12:05 PM	WATER
3	MW-18	5/9/2019	12:45 PM	WATER
4	MW-2	5/9/2019	1:30 PM	WATER
5	MW-1R	5/9/2019	1:45 PM	WATER
6	MW-6	5/9/2019	2:10 PM	WATER
7	MW-3R	5/9/2019	2:30 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 L 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: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5
GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 1
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/GCES

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	1.0	ug/L (PPB)	MR		5/9/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14R

GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 2
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/GCES

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	1.0	ug/L (PPB)	MR		5/9/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	31	1.0					
Xylene(Total)	78	3.0					

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: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-18

GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 3
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 12:45 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/GCES

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	1.0	ug/L (PPB)	MR		5/9/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	120	1.0					
Xylene(Total)	180	3.0					

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: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 4
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/GCES

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	1.2	1.0	ug/L (PPB)	MR		5/9/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	190	20					
Xylene(Total)	510	41					

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: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1R

GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 5
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/GCES

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	1.0	ug/L (PPB)	MR		5/9/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	13	1.0					
Xylene(Total)	34	3.0					

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: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6
GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 6
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 2:10 PM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/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		5/9/2019	EPA 5030B
Toluene	60	1.0					
Ethylbenzene	380	40					
Xylene(Total)	2,600	120					

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: 2018100126.01
LOCATION: COLD SPRINGS 20
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3R

GTA PROJECT NO: 050919-16
GTA SAMPLE NO: 7
DATE SAMPLED: 5/9/2019
TIME SAMPLED: 2:30 AM
DATE RECEIVED: 5/9/2019
TIME RECEIVED: 3:45 PM
SAMPLED BY: BPR/GCES

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	2.6	1.0	ug/L (PPB)	MR		5/9/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	700	40					
Xylene(Total)	1,700	81					

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100126.01	SITE NAME/ADDRESS Cold Springs 20	COMPANY/NAME LER
SAMPLED BY BPR	COMPANY GCES	GTA PROJECT # 050919-16

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW 5	5/9/19	11:30	GW	BTEX
2	MW 14R	↓	12:05	↓	↓
3	MW 18	↓	12:45	↓	↓
4	MW 2	↓	1:30	↓	↓
5	MW 1R	↓	1:45	↓	↓
6	MW 6	↓	2:10	↓	↓
7	MW 3R	↓	2:30	↓	↓

BILL TO: LER	REPORT TO: J. Simsa
-----------------	------------------------

RELEASED BY B. [Signature]	DATE/TIME 5/9/19 3:45 PM	RECEIVED BY [Signature]	DATE/TIME 5/9/19 3:45
		REC 5.10c	

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

→ before Friday at noon