

**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: 2018100106.01

GTA ProjNo: 091319-6

Site Addr: HAYES 22 CPF

Sampled By: JG/MS - GCES

Date Rec: 9/13/2019

Time Rec: 2:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-112D	9/11/2019		WATER
2	MW-112D2	9/11/2019		WATER
3	MW-107S	9/11/2019		WATER
4	MW-107D	9/11/2019		WATER
5	MW-102S	9/11/2019		WATER
6	MW-102D	9/11/2019		WATER
7	MW-103D	9/11/2019		WATER
8	MW-118D	9/11/2019		WATER
9	MW-119S	9/11/2019		WATER
10	MW-119D	9/11/2019		WATER
11	MW-114S	9/11/2019		WATER
12	MW-114D	9/11/2019		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

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PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-112D

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 1
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-112D2

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 2
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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.

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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-107S

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 3
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-107D
GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 4
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	091319-6
PROJECT NO:	2018100106.01	GTA SAMPLE NO:	5
LOCATION:	HAYES 22 CPF	DATE SAMPLED:	9/11/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	9/13/2019
		TIME RECEIVED:	2:25 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-102S	SAMPLED BY:	JG/MS - 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		9/16/2019	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	091319-6
PROJECT NO:	2018100106.01	GTA SAMPLE NO:	6
LOCATION:	HAYES 22 CPF	DATE SAMPLED:	9/11/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	9/13/2019
		TIME RECEIVED:	2:25 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-102D	SAMPLED BY:	JG/MS - 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		9/16/2019	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.

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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-103D

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 7
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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.

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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-118D

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 8
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-119S

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 9
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-119D

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 10
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	091319-6
PROJECT NO:	2018100106.01	GTA SAMPLE NO:	11
LOCATION:	HAYES 22 CPF	DATE SAMPLED:	9/11/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	9/13/2019
		TIME RECEIVED:	2:25 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-114S	SAMPLED BY:	JG/MS - 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		9/16/2019	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.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-114D

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 12
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM
SAMPLED BY: JG/MS - 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		9/16/2019	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.

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LOD = LIMIT OF DETECTION



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 091319-6

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 1

LOCATION: HAYES 22 CPF

DATE SAMPLED: 9/11/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-112D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

9/18/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 091319-6

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 2

LOCATION: HAYES 22 CPF

DATE SAMPLED: 9/11/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-112D2

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

11

10

mg/L (PPM)

LV

9/18/2019

WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 3
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-107S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/18/2019	WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 4
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-107D						
	CHLORIDE EPA 300.0	21	10	mg/L (PPM)	LV	9/18/2019	WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 5
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-102S						
	CHLORIDE EPA 300.0	11	10	mg/L (PPM)	LV	9/18/2019	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 091319-6

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 6

LOCATION: HAYES 22 CPF

DATE SAMPLED: 9/11/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-102D

CHLORIDE EPA 300.0

Concentration

30

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

9/18/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 091319-6

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 7

LOCATION: HAYES 22 CPF

DATE SAMPLED: 9/11/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-103D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

ND

10

mg/L (PPM)

LV

9/18/2019

WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 8
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-118D CHLORIDE EPA 300.0	12	10	mg/L (PPM)	LV	9/18/2019	WATER

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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	091319-6
PROJECT NO:	2018100106.01	GTA SAMPLE NO:	9
LOCATION:	HAYES 22 CPF	DATE SAMPLED:	9/11/2019
		TIME SAMPLED:	
		DATE RECEIVED:	9/13/2019
		TIME RECEIVED:	2:25 PM
	MI		
SAMPLED BY:	JG/MS - GCES		

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-119S						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/18/2019	WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 10
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-119D						
	CHLORIDE EPA 300.0	11	10	mg/L (PPM)	LV	9/18/2019	WATER

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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 091319-6

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 11

LOCATION: HAYES 22 CPF

DATE SAMPLED: 9/11/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-114S

CHLORIDE EPA 300.0

Concentration

14

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

9/18/2019

Sample

WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 091319-6
GTA SAMPLE NO: 12
DATE SAMPLED: 9/11/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-114D CHLORIDE EPA 300.0	16	10	mg/L (PPM)	LV	9/18/2019	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100106.01	SITE NAME/ADDRESS Hayes 22 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gervie/ Mark Stover	COMPANY Gosling Czubak	GTA PROJECT # 091319-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-112d	9-11-19		GW	BTEX + Chloride
2	MW-112d				
3	MW-107s				
4	MW-107d				
5	MW-102s				
6	MW-102d				
7	MW-103d				
8	MW-118d				
9	MW-119s				
10	MW-119d				
11	MW-114s				
12	MW-114d				

BILL TO:

Lambda Energy Resources

REPORT TO:

Adam Biteman

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

9-11-19

9-13-19

G.C.E.S. FRIDGE

9-11-19 16:30

9/13/19 2:25

rec 4.0°C

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