

**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: 031723-13

Site Addr: HAYES 22 CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 3/17/2023

Time Rec: 1:45 PM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1          | MW-107D   | 3/14/2023    |              | WATER         |
| 2          | MW-112D2  | 3/14/2023    |              | WATER         |
| 3          | MW-118D   | 3/14/2023    |              | WATER         |
| 4          | MW-118D3  | 3/14/2023    |              | WATER         |
| 5          | MW-119S   | 3/14/2023    |              | WATER         |
| 6          | MW-119D   | 3/14/2023    |              | WATER         |
| 7          | MW-120D   | 3/14/2023    |              | WATER         |
| 8          | MW-118D2  | 3/14/2023    |              | WATER         |
| 9          | MW-107S   | 3/14/2023    |              | WATER         |
| 10         | MW-102S   | 3/15/2023    |              | WATER         |
| 11         | MW-102D   | 3/15/2023    |              | WATER         |
| 12         | MW-116S   | 3/15/2023    |              | WATER         |
| 13         | MW-116D   | 3/15/2023    |              | WATER         |
| 14         | MW-110S   | 3/15/2023    |              | WATER         |
| 15         | MW-110D   | 3/15/2023    |              | WATER         |
| 16         | MW-114D   | 3/15/2023    |              | WATER         |
| 17         | MW-121D2  | 3/16/2023    |              | WATER         |
| 18         | MW-121D3  | 3/16/2023    |              | WATER         |
| 19         | MW-125D2  | 3/16/2023    |              | WATER         |
| 20         | MW-128D2  | 3/16/2023    |              | WATER         |
| 21         | MW-131D2  | 3/16/2023    |              | WATER         |
| 22         | MW-127D2  | 3/16/2023    |              | WATER         |
| 23         | MW-129D2  | 3/16/2023    |              | WATER         |
| 24         | MW-126D2  | 3/16/2023    |              | WATER         |
| 25         | MW-126D3  | 3/16/2023    |              | WATER         |
| 26         | MW-132D2  | 3/16/2023    |              | WATER         |
| 27         | MW-132D3  | 3/17/2023    |              | WATER         |
| 28         | MW-132D4  | 3/17/2023    |              | 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 Chase*

Kirk L. Chase/Chemist  
Grand Traverse Analytical  
830 Robinwood Court  
Traverse City, MI 49686  
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Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)

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

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 1  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | 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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PH: 231-929-0905

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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: 031723-13  
GTA SAMPLE NO: 2  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene    | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)   | ND                   | 3.0        |              |                |                           |                          |                    |

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PH: 231-929-0905

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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: 031723-13  
GTA SAMPLE NO: 3  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | 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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PH: 231-929-0905

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-118D3

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 4  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene    | ND                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)   | ND                   | 3.0        |              |                |                           |                          |                    |

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

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 5  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | 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-119D

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 6  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                                 | 3/19/2023                      | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                                 |                                |                    |
| Ethylbenzene    | ND                   | 1.0        |              |                |                                 |                                |                    |
| Xylene(Total)   | ND                   | 3.0        |              |                |                                 |                                |                    |

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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-120D

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 7  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 8                  |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/14/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-118D2                     | SAMPLED BY:     | JOSHUA GERRIE/GCES |

#### EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene    | 22                   | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)   | 30                   | 3.0        |              |                |                           |                          |                    |

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

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 9  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene    | 8.1                  | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)   | 11                   | 3.0        |              |                |                           |                          |                    |

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|                |                              |                 |                    |
|----------------|------------------------------|-----------------|--------------------|
| COMPANY:       | LAMBDA ENERGY RESOURCES, LLC | GTA PROJECT NO: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 10                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/15/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-102S                      | SAMPLED BY:     | JOSHUA GERRIE/GCES |

#### EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | 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-102D

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 11  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/19/2023                | 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-116S

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 12  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                                 | 3/19/2023                      | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 13                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/15/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-116D                      | SAMPLED BY:     | JOSHUA GERRIE/GCES |

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 14                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/15/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-110S                      | SAMPLED BY:     | JOSHUA GERRIE/GCES |

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                           |                          |                    |
| Ethylbenzene    | 2.2                  | 1.0        |              |                |                           |                          |                    |
| Xylene(Total)   | 5.7                  | 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: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-110D

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 15  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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FAX: 231-929-0894

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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: 031723-13  
GTA SAMPLE NO: 16  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u><br><u>Extracted</u> | <u>Date</u><br><u>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                                 | 3/20/2023                      | EPA 5030B          |
| Toluene         | ND                   | 1.0        |              |                |                                 |                                |                    |
| Ethylbenzene    | 19                   | 1.0        |              |                |                                 |                                |                    |
| Xylene(Total)   | 12                   | 3.0        |              |                |                                 |                                |                    |

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-121D2

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 17  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | 1.7                  | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 18                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/16/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-121D3                     | SAMPLED BY:     | JOSHUA GERRIE/GCES |

#### EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 19                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/16/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-125D2                     | SAMPLED BY:     | JOSHUA GERRIE/GCES |

#### EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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**INDEPENDENT TESTING LAB**

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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-128D2

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 20  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 21                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/16/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-131D2                     | SAMPLED BY:     | JOSHUA GERRIE/GCES |

#### EPA 8260B VOLATILE ORGANICS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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-127D2

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 22  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-129D2

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 23  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-126D2

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 24  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 25                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/16/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-126D3                     | SAMPLED BY:     | JOSHUA GERRIE/GCES |

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-132D2

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 26  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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: | 031723-13          |
| PROJECT NO:    | 2018100106.01                | GTA SAMPLE NO:  | 27                 |
| LOCATION:      | HAYES 22 CPF                 | DATE SAMPLED:   | 3/17/2023          |
|                |                              | TIME SAMPLED:   |                    |
|                | MI                           | DATE RECEIVED:  | 3/17/2023          |
|                |                              | TIME RECEIVED:  | 1:45 PM            |
| SAMPLE MATRIX: | WATER                        |                 |                    |
| SAMPLE ID:     | MW-132D3                     | SAMPLED BY:     | JOSHUA GERRIE/GCES |

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-132D4

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 28  
DATE SAMPLED: 3/17/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM  
SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date<br/>Extracted</u> | <u>Date<br/>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------|--------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 3/20/2023                | 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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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 1  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

### 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: MW-107D<br>CHLORIDE EPA 300.0 | 24                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | 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: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 2  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-112D2<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | 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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 3  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-118D<br>CHLORIDE EPA 300.0 | 18                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 4  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-118D3<br>CHLORIDE EPA 300.0 | 39                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
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SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 5  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-119S<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
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SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 6  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-119D<br>CHLORIDE EPA 300.0 | 18                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
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SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 7  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-120D |                 |                      |            |              |                |                       |                      |
| CHLORIDE EPA 300.0 |                 | 23                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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LOCATION: HAYES 22 CPF  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 8  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-118D2<br>CHLORIDE EPA 300.0 | 24                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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LOCATION: HAYES 22 CPF  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 9  
DATE SAMPLED: 3/14/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-107S<br>CHLORIDE EPA 300.0 | 18                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 10  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-102S<br>CHLORIDE EPA 300.0 | 22                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 11  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-102D<br>CHLORIDE EPA 300.0 | 13                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 12  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-116S<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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MI  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 13  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-116D<br>CHLORIDE EPA 300.0 | 20                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

ND = NOT DETECTED, RESULT < LOD  
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LOCATION: HAYES 22 CPF  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 14  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-110S<br>CHLORIDE EPA 300.0 | 16                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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LOCATION: HAYES 22 CPF  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 15  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-110D<br>CHLORIDE EPA 300.0 | 14                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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LOCATION: HAYES 22 CPF  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 16  
DATE SAMPLED: 3/15/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-114D<br>CHLORIDE EPA 300.0 | 22                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

ND = NOT DETECTED, RESULT < LOD  
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GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 17  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-121D2<br>CHLORIDE EPA 300.0 | 14                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | 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: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 18  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-121D3 |                 |                      |            |              |                |                       |                      |
| CHLORIDE EPA 300.0  |                 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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GTA PROJECT NO: 031723-13

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 19

LOCATION: HAYES 22 CPF

DATE SAMPLED: 3/16/2023

TIME SAMPLED:

DATE RECEIVED: 3/17/2023

TIME RECEIVED: 1:45 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-125D2

CHLORIDE EPA 300.0

**Concentration**

20

**LOD**

10

**Units**

mg/L (PPM)

**Analyst**

KC/TR

**Date Completed**

3/25/2023

**Sample Matrix**

WATER

ND = NOT DETECTED, RESULT &lt; LOD

LOD = LIMIT OF DETECTION

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

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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 20  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-128D2<br>CHLORIDE EPA 300.0 | 18                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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LOD = LIMIT OF DETECTION  
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GTA PROJECT NO: 031723-13

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 21

LOCATION: HAYES 22 CPF

DATE SAMPLED: 3/16/2023

TIME SAMPLED:

DATE RECEIVED: 3/17/2023

TIME RECEIVED: 1:45 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

### SAMPLE ANALYSIS

#### No: Analysis

SAMPLE ID: MW-131D2

CHLORIDE EPA 300.0

#### Concentration

12

#### LOD

10

#### Units

mg/L (PPM)

#### Analyst

KC/TR

#### Date Completed

3/25/2023

#### Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 22  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

### 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: MW-127D2 |                 |                      |            |              |                |                       |                      |
| CHLORIDE EPA 300.0  |                 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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GTA PROJECT NO: 031723-13

PROJECT NO: 2018100106.01

GTA SAMPLE NO: 23

LOCATION: HAYES 22 CPF

DATE SAMPLED: 3/16/2023

TIME SAMPLED:

DATE RECEIVED: 3/17/2023

TIME RECEIVED: 1:45 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: MW-129D2

CHLORIDE EPA 300.0

**Concentration**

**LOD**

**Units**

**Analyst**

**Date Completed**

**Sample Matrix**

ND

10

mg/L (PPM)

KC/TR

3/25/2023

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: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 24  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-126D2<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

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PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 25  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-126D3<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | 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  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 26  
DATE SAMPLED: 3/16/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-132D2<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 27  
DATE SAMPLED: 3/17/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-132D3<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | 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  
PROJECT NO: 2018100106.01  
LOCATION: HAYES 22 CPF  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031723-13  
GTA SAMPLE NO: 28  
DATE SAMPLED: 3/17/2023  
TIME SAMPLED:  
DATE RECEIVED: 3/17/2023  
TIME RECEIVED: 1:45 PM

**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: MW-132D4<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 3/25/2023             | WATER                |

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

**CHAIN OF CUSTODY**

|                                        |                                          |                                                |
|----------------------------------------|------------------------------------------|------------------------------------------------|
| PROJECT NUMBER<br><b>2018100106.01</b> | SITE NAME/ADDRESS<br><b>Hayes 22 CPF</b> | COMPANY/NAME<br><b>Lambda Energy Resources</b> |
| SAMPLED BY<br><b>Joshua Gerrie</b>     | COMPANY<br><b>Gasling Czubak</b>         | GTA PROJECT #<br><b>031723-13</b>              |

**SAMPLE INFORMATION**

| #  | SAMPLE ID | DATE SAMPLED | TIME    | MATRIX | ANALYSIS        |
|----|-----------|--------------|---------|--------|-----------------|
| 1  | NW-107d   | 3-14-23      |         | GW     | BTEX & Chloride |
| 2  | MW-112d2  | ↓            |         |        |                 |
| 3  | MW-118d   |              |         |        |                 |
| 4  | NW-118d3  |              |         |        |                 |
| 5  | MW-119s   |              |         |        |                 |
| 6  | MW-119d   |              |         |        |                 |
| 7  | MW-120d   |              |         |        |                 |
| 8  | MW-118d2  |              |         |        |                 |
| 9  | NW-107s   |              |         |        |                 |
| 10 | MW-102s   |              | 3-15-23 |        |                 |
| 11 | MW-102d   |              |         |        |                 |
| 12 | MW-116s   |              |         |        |                 |
| 13 | MW-116d   |              |         |        |                 |
| 14 | MW-110s   |              |         |        |                 |
| 15 | MW-110d   |              |         |        |                 |

**BILL TO:**

TempRec: ☐

On Ice? ☒

**REPORT TO:**

**Lambda Energy Resources** 3.1°C

**Jeff Simsa**

**RELEASED BY**

**DATE/TIME**

**RECEIVED BY**

**DATE/TIME**

**[Signature]** 3-17-23/1345

**K. Ch** 3/17/23 1345

**REQUESTED TAT**

☒

**STANDARD**

☐

**1 BUSINESS DAY**

☐

**2 BUSINESS DAYS**

☐

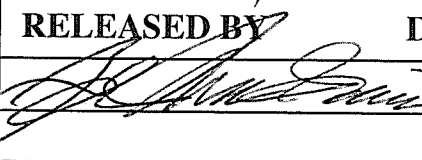
**3 BUSINESS DAYS**

**CHAIN OF CUSTODY**

|                                            |                                   |                                         |
|--------------------------------------------|-----------------------------------|-----------------------------------------|
| PROJECT NUMBER<br>201810010001             | SITE NAME/ADDRESS<br>Hayes 22 CPF | COMPANY/NAME<br>Lambda Energy Resources |
| SAMPLED BY<br>Joshua Gerrie Gosling Czubak | COMPANY<br>GTA PROJECT #          |                                         |

**SAMPLE INFORMATION**

| #  | SAMPLE ID | DATE SAMPLED | TIME | MATRIX | ANALYSIS        |
|----|-----------|--------------|------|--------|-----------------|
| 16 | MW-114d   | 3-15-23      |      | GW     | BTEX + Chloride |
| 17 | MW-121d2  | 3-16-23      |      |        |                 |
| 18 | MW-121d3  |              |      |        |                 |
| 19 | MW-125d2  |              |      |        |                 |
| 20 | MW-128d2  |              |      |        |                 |
| 21 | MW-131d2  |              |      |        |                 |
| 22 | MW-127d2  |              |      |        |                 |
| 23 | MW-129d2  |              |      |        |                 |
| 24 | MW-126d2  |              |      |        |                 |
| 25 | MW-126d3  |              |      |        |                 |
| 26 | MW-132d2  | ✓            |      |        |                 |
| 27 | MW-132d3  | 3-17-23      |      |        |                 |
| 28 | MW-132d4  | ↓            |      | ↓      | ↓               |
|    |           |              |      |        |                 |
|    |           |              |      |        |                 |

|                                                                                                                                                                                      |                                            |                                                                          |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------|---------------------------|
| BILL TO:<br>Lambda Energy Resources                                                                                                                                                  | TempRec: <input type="checkbox"/><br>3.1°C | On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | REPORT TO:<br>Jeff Sims   |
| RELEASED BY<br>                                                                                    | DATE/TIME<br>3-17-23/1345                  | RECEIVED BY<br>K Ch                                                      | DATE/TIME<br>3/17/23 1345 |
| REQUESTED TAT <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 1 BUSINESS DAY <input type="checkbox"/> 2 BUSINESS DAYS <input type="checkbox"/> 3 BUSINESS DAYS |                                            |                                                                          |                           |