Grand Traverse Analytical, LLC

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	Site Addr:	GERALDINE 3-35
Name:			
ClientProj:	20-128		
		Sampled By:	STEVEN HEMSTREET/OMPC
GTA ProjNo:	020922-2	Date Rec:	2/9/2022
		Time Rec:	2:29 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	2/8/2022	1:00 PM	WATER
2	MW-3	2/8/2022	12:00 PM	WATER
3	MW-10	2/8/2022	12:30 PM	WATER
4	MW-21	2/8/2022	11:30 AM	WATER
5	MW-22	2/8/2022	11:00 AM	WATER
6	MW-25	2/8/2022	1:30 PM	WATER
7	MW-34	2/8/2022	2:00 PM	WATER
8	MW-37	2/9/2022	10:00 AM	WATER
9	MW-38	2/9/2022	11:00 AM	WATER
10	MW-39	2/9/2022	9:30 AM	WATER
11	MW-40	2/9/2022	10:30 AM	WATER
12	MW-41	2/9/2022	11:30 AM	WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk 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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	1
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	1:00 PM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	2
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	12:00 PM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	3
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	12:30 PM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-10	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	1.8	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.6	1.0					
Xylene(Total)	50	3.0					
1,2,4-Trimethylbenzene	71	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	4
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	11:30 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-21	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	5
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	11:00 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-22	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	6
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	1:30 PM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-25	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	7
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	2:00 PM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-34	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.1	1.0					
Xylene(Total)	45	3.0					
1,2,4-Trimethylbenzene	120	1.0					
1,3,5-Trimethylbenzene	17	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	8
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	10:00 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-37	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	9
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	11:00 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-38	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	10
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	9:30 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-39	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	11
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	10:30 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-40	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	12
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	11:30 AM
		DATE RECEIVED:	2/9/2022
	MI	TIME RECEIVED:	2:29 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-41	SAMPLED BY:	STEVEN HEMSTREET/OMPC

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	ND	1.0	ug/L (PPB)	MR		2/10/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	1
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	1:00 PM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-2**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	2
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	12:00 PM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-3**						
CHLORIDE EPA 300.0	20	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	3
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	12:30 PM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-10**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	4
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	11:30 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-21**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	5
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	11:00 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-22**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	6
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	1:30 PM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-25**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	7
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/8/2022
		TIME SAMPLED:	2:00 PM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-34**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	8
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	10:00 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-37**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	9
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	11:00 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-38**						
CHLORIDE EPA 300.0	14	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	10
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	9:30 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-39**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	11
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	10:30 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-40**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC
INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	020922-2
		GTA SAMPLE NO:	12
PROJECT NO:	20-128		
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	2/9/2022
		TIME SAMPLED:	11:30 AM
		DATE RECEIVED:	2/9/2022
		TIME RECEIVED:	2:29 PM
	MI		
SAMPLED BY:	STEVEN HEMSTREET/OMPC		

SAMPLE ANALYSIS

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample
SAMPLE ID: **MW-41**						
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	2/10/2022	WATER

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

Grand Traverse Analytical, LLC

INDEPENDENT TESTING LAB
830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686
PH: 231-929-0905 FAX: 231-929-0894
www.gtanalytical.com

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
20-128	Geraldine 3-35	Lambda
SAMPLED BY	**COMPANY**	**GTA PROJECT #**
Steven Hemstreet	Otwell Mawby	020922-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	2-8-22	13:00	Water	HIPs, Chlorides
2	MW-3	↓	12:00	↓	↓ ↓
3	MW-10		12:30		
4	MW-21		11:30		
5	MW-22		11:00		
6	MW-25		13:30		
7	MW-34	↓	14:00		
8	MW-37	2-9-22	10:00		
9	MW-38	↓	11:00		
10	MW-39		9:30		
11	MW-40		10:30		
12	MW-41	↓	11:30	↓	↓ ↓

BILL TO: Lambda

TempRec: ☐ **On Ice?** Y ☑ N ☐ 1.6° C

REPORT TO: Nick Summerland, Lambda
Dan Barton, Otwell Mawby

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
	2/9/22 2:29pm		2/9/22 2:29p

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