



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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Company: WARD LAKE ENERGY
Name:
ClientProj: 190183-0800
GTA ProjNo: 100419-11

Site Addr: SPRINGDALE 28

Sampled By: LMH-J/ECT
Date Rec: 10/4/2019
Time Rec: 3:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-5 5'-10'	10/4/2019		WATER
2	MW-5 11'-16'	10/4/2019		WATER
3	MW-6 5'-10'	10/4/2019		WATER
4	MW-6 11'-16'	10/4/2019		WATER
5	MW-7 6'-11'	10/4/2019		WATER
6	MW-7 11.5'-16.5'	10/4/2019		WATER
7	MW-8 7'-12'	10/4/2019		WATER
8	MW-8 13'-18'	10/4/2019		WATER
9	MW-9 15'-20'	10/4/2019		WATER

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

Kirk L Chase

Kirk L. Chase/Chemist
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COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 1
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-5 5'-10' CHLORIDE EPA 300.0	130	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-5 11'-16' CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-6 5'-10' CHLORIDE EPA 300.0	45	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-6 11'-16' CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-7 6'-11' CHLORIDE EPA 300.0	39	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-7 11.5'-16.5' CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 7
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-8 7'-12' CHLORIDE EPA 300.0	15	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
PROJECT NO: 190183-0800
LOCATION: SPRINGDALE 28
MI
SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 100419-11
GTA SAMPLE NO: 8
DATE SAMPLED: 10/4/2019
TIME SAMPLED:
DATE RECEIVED: 10/4/2019
TIME RECEIVED: 3:30 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-8 13'-18' CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER

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

COMPANY: WARD LAKE ENERGY
 PROJECT NO: 190183-0800
 LOCATION: SPRINGDALE 28

GTA PROJECT NO: 100419-11
 GTA SAMPLE NO: 9
 DATE SAMPLED: 10/4/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/4/2019
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI
 LMH-J/ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-9 15'-20' CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/8/2019	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 190183-0800	SITE NAME/ADDRESS SPRINGDALE 28	COMPANY/NAME W.L.
SAMPLED BY LMH.J	COMPANY ECI	GTA PROJECT # 100419-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-5 5'-10'	10-4-19		WTR	CL
2	MW-5 11'-16'				
3	MW-6 5'-10'				
4	MW-6 11'-16'				
5	MW-7 6'-11'				
6	MW-7 11.5'-16.5'				
7	MW-8 7'-12'				
8	MW-8 13'-18'				
9	MW-9 15'-20'				

BILL TO:

REPORT TO:

Ward Lake

Lisa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Lisa Hj Jones 10-4-19

Aery 10/4/19 330

REQUESTED TAT

STANDARD

1 BUSINESS DAY

2 BUSINESS DAYS

3 BUSINESS DAYS