



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: WARD LAKE ENERGY
Name:
ClientProj: 190183-0800
GTA ProjNo: 100919-7

Site Addr: SPRINDALE 28

Sampled By: LMH-J/ECT
Date Rec: 10/9/2019
Time Rec: 3:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	32	10/9/2019		WATER
2	33	10/9/2019		WATER
3	34	10/9/2019		WATER
4	41	10/9/2019		WATER
5	42	10/9/2019		WATER
6	43	10/9/2019		WATER
7	45	10/9/2019		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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Traverse City, MI 49686
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kirk@gtanalytical.com

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

GTA PROJECT NO: 100919-7
GTA SAMPLE NO: 1
DATE SAMPLED: 10/9/2019
TIME SAMPLED:
DATE RECEIVED: 10/9/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: 32	CHLORIDE EPA 300.0	110	10	mg/L (PPM)	KC	10/9/2019	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: SPRINDALE 28
MI
SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 100919-7
GTA SAMPLE NO: 2
DATE SAMPLED: 10/9/2019
TIME SAMPLED:
DATE RECEIVED: 10/9/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: 33	CHLORIDE EPA 300.0	240	10	mg/L (PPM)	KC	10/9/2019	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: SPRINDALE 28

GTA PROJECT NO: 100919-7
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/9/2019
 TIME RECEIVED: 3:25 PM

MI
 SAMPLED BY: 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: 34	CHLORIDE EPA 300.0	380	10	mg/L (PPM)	KC	10/9/2019	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: SPRINDALE 28

GTA PROJECT NO: 100919-7
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/9/2019
 TIME RECEIVED: 3:25 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: 41	CHLORIDE EPA 300.0	270	10	mg/L (PPM)	KC	10/9/2019	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: SPRINDALE 28

GTA PROJECT NO: 100919-7
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/9/2019
 TIME RECEIVED: 3:25 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: 42	CHLORIDE EPA 300.0	260	10	mg/L (PPM)	KC	10/9/2019	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: SPRINDALE 28

GTA PROJECT NO: 100919-7
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/9/2019
 TIME RECEIVED: 3:25 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: 43	CHLORIDE EPA 300.0	260	10	mg/L (PPM)	KC	10/9/2019	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: SPRINDALE 28
 MI
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 100919-7
 GTA SAMPLE NO: 7
 DATE SAMPLED: 10/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 10/9/2019
 TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

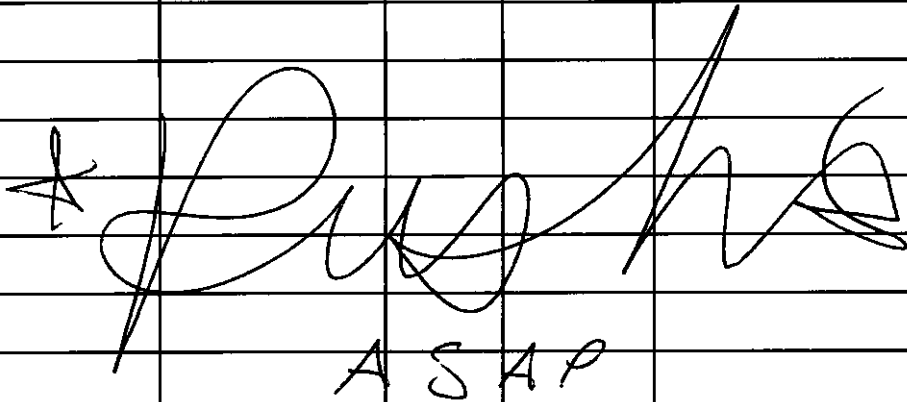
<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: 45	CHLORIDE EPA 300.0	180	10	mg/L (PPM)	KC	10/9/2019	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER <i>190183-0800</i>	SITE NAME/ADDRESS <i>SPRINGDALE 28 F.L.</i>	COMPANY/NAME <i>W.L.</i>
SAMPLED BY <i>LMH.J</i>	COMPANY <i>ECT</i>	GTA PROJECT # <i>1009/9-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	32	10.9.19		WTR	CL
2	33	↓		↓	↓
3	34				
4	41				
5	42				
6	43				
7	45				
 ASAP					

BILL TO: <i>W.L.</i>	REPORT TO: <i>Lisa</i>		
RELEASED BY <i>Lisa H. from</i>	DATE/TIME <i>10-9-19</i>	RECEIVED BY <i>ASV</i>	DATE/TIME <i>10/9/19 3:25</i>

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