

**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: 190183-0100
GTA ProjNo: 033120-6

Site Addr: SEMI ANNUAL

Sampled By: NJ/ECT

Date Rec: 3/31/2020

Time Rec: 12:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SPRINGDALE 28 MW-1 TB	3/31/2020		WATER
2	BEAR LAKE 1 MW-4 TB	3/31/2020		WATER
3	BEAR LAKE 28 MW-1 BLDG	3/31/2020		WATER
4	BEAR LAKE 28 MW-2 TB	3/31/2020		WATER
5	MUD LAKE MW-1 BLDG	3/31/2020		WATER
6	MUD LAKE MW-2 TB	3/31/2020		WATER
7	CHARLTON 34/35 MW-1 TB	3/31/2020		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

**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

PROJECT NO: 190183-0100

LOCATION: SEMI ANNUAL

GTA PROJECT NO: 033120-6

GTA SAMPLE NO: 1

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: SPRINGDALE 28 MW-1 TB							
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	120	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**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

GTA PROJECT NO: 033120-6

PROJECT NO: 190183-0100

GTA SAMPLE NO: 2

LOCATION: SEMI ANNUAL

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: BEAR LAKE 1 MW-4 TB							
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	220	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**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

GTA PROJECT NO: 033120-6

PROJECT NO: 190183-0100

GTA SAMPLE NO: 3

LOCATION: SEMI ANNUAL

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: BEAR LAKE 28 MW-1 BLDG							
	CHLORIDE EPA 300.0	200	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	910	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**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

GTA PROJECT NO: 033120-6

PROJECT NO: 190183-0100

GTA SAMPLE NO: 4

LOCATION: SEMI ANNUAL

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: BEAR LAKE 28 MW-2 TB							
	CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	520	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**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

GTA PROJECT NO: 033120-6

PROJECT NO: 190183-0100

GTA SAMPLE NO: 5

LOCATION: SEMI ANNUAL

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: MUD LAKE MW-1 BLDG							
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	22	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**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

GTA PROJECT NO: 033120-6

PROJECT NO: 190183-0100

GTA SAMPLE NO: 6

LOCATION: SEMI ANNUAL

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: MUD LAKE MW-2 TB						
	CHLORIDE EPA 300.0	37	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	240	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**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

PROJECT NO: 190183-0100

LOCATION: SEMI ANNUAL

GTA PROJECT NO: 033120-6

GTA SAMPLE NO: 7

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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: CHARLTON 34/35 MW-1 TB							
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	73	1.0	uS/cm@25C	LV	3/31/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

CHAIN OF CUSTODY

PROJECT NUMBER 190183-0100	SITE NAME/ADDRESS Semi Annual	COMPANY/NAME Ward Lake
SAMPLED BY NJ	COMPANY ECT	GTA PROJECT # Q33120-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	Springdale 28 MW-1 TB	3-31-20		WTR	CL, COND
2	Bear Lake 1 MW-4 TB	↓		↓	↓
3	Bear Lake 28 MW-1 Bldg				
4	Bear Lake 28 MW-2 TB				
5	Mud Lake MW-1 Bldg				
6	Mud Lake MW-2 TB			↓	
7	Charlton 34/35 MW-1 TB	↓		↓	↓

BILL TO: W.L. / E.V.		REPORT TO: Lisa	
RELEASED BY Lisa H. Jones	DATE/TIME 3/31/20	RECEIVED BY Aug	DATE/TIME 3/31/20 1230
REQUESTED TAT ☒ STANDARD		☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS	