

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: NU ENERGY
Name:
ClientProj: 2018365001.01
GTA ProjNo: 012420-6

Site Addr: ARROWHEAD TRAIL FLOWLINE RELEASE

Sampled By: MARK STOVER/GCES
Date Rec: 1/24/2020
Time Rec: 2:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	1/24/2020	1:00 PM	WATER
2	MW-2	1/24/2020	10:20 AM	WATER
3	MW-3	1/24/2020	11:00 AM	WATER
4	MW-3D	1/24/2020	11:15 AM	WATER
5	MW-4	1/24/2020	11:55 AM	WATER
6	RW-1	1/24/2020	12:20 PM	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
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COMPANY: NU ENERGY
PROJECT NO: 2018365001.01
LOCATION: ARROWHEAD TRAIL FLOWLINE RELEASE
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 012420-6
GTA SAMPLE NO: 1
DATE SAMPLED: 1/24/2020
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 1/24/2020
TIME RECEIVED: 2:30 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-1 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	1/28/2020	WATER

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



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MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 012420-6
GTA SAMPLE NO: 2
DATE SAMPLED: 1/24/2020
TIME SAMPLED: 10:20 AM
DATE RECEIVED: 1/24/2020
TIME RECEIVED: 2:30 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-2							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	1/28/2020	WATER

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GTA PROJECT NO: 012420-6
GTA SAMPLE NO: 3
DATE SAMPLED: 1/24/2020
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 1/24/2020
TIME RECEIVED: 2:30 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-3							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	1/28/2020	WATER

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COMPANY: NU ENERGY
PROJECT NO: 2018365001.01
LOCATION: ARROWHEAD TRAIL FLOWLINE RELEASE
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 012420-6
GTA SAMPLE NO: 4
DATE SAMPLED: 1/24/2020
TIME SAMPLED: 11:15 AM
DATE RECEIVED: 1/24/2020
TIME RECEIVED: 2:30 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-3D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	1/28/2020	WATER

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PROJECT NO: 2018365001.01
LOCATION: ARROWHEAD TRAIL FLOWLINE RELEASE
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 012420-6
GTA SAMPLE NO: 5
DATE SAMPLED: 1/24/2020
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 1/24/2020
TIME RECEIVED: 2:30 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-4 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	1/28/2020	WATER

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LOCATION: ARROWHEAD TRAIL FLOWLINE RELEASE
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 012420-6
GTA SAMPLE NO: 6
DATE SAMPLED: 1/24/2020
TIME SAMPLED: 12:20 PM
DATE RECEIVED: 1/24/2020
TIME RECEIVED: 2:30 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: RW-1						
	CHLORIDE EPA 300.0	50	10	mg/L (PPM)	LV	1/28/2020	WATER

ND = NOT DETECTED, RESULT < LOD
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CHAIN OF CUSTODY

PROJECT NUMBER <i>2018365001.01</i>	SITE NAME/ADDRESS <i>ARROWHEAD TRAIL RELEASE</i> <i>Flowline</i>	COMPANY/NAME <i>NO ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>02420-6</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>MW-1</i>	<i>1-24-20</i>	<i>13:00</i>	<i>GW</i>	<i>CHLORIDE</i>
2	<i>MW-2</i>	<i>↓</i>	<i>10:20</i>	<i>↓</i>	<i>↓</i>
3	<i>MW-3</i>		<i>11:00</i>		
4	<i>MW-3d</i>		<i>11:15</i>		
5	<i>MW-4</i>		<i>11:55</i>		
6	<i>RW-1</i>		<i>12:20</i>		

BILL TO:
GOSLING CZUBAK

REPORT TO:
JEFF SIMSA

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>1-24-20</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>1/24/20 2:30</i>

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