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**INDEPENDENT TESTING LAB**

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830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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PH: 231-929-0905

FAX: 231-929-0894

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[www.gtanalytical.com](http://www.gtanalytical.com)

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Company: MUSKEGON OPERATING COMPANY

Name:

ClientProj: 13.037

GTA ProjNo: 102121-23

Site Addr: HORICON 14

Sampled By: KWB/HURON

Date Rec: 10/21/2021

Time Rec: 11:11 AM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1          | OW-3      | 10/13/2021   |              | WATER         |
| 2          | OW-4      | 10/13/2021   |              | 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  
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COMPANY: MUSKEGON OPERATING COMPANY  
PROJECT NO: 13.037  
LOCATION: HORICON 14  
MI  
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 102121-23  
GTA SAMPLE NO: 1  
DATE SAMPLED: 10/13/2021  
TIME SAMPLED:  
DATE RECEIVED: 10/21/2021  
TIME RECEIVED: 11:11 AM

**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: OW-3       |                      |            |              |                |                       |                      |
|            | CHLORIDE EPA 300.0    | ND                   | 10         | mg/L (PPM)   | TR             | 10/24/2021            | WATER                |
|            | CONDUCTIVITY SM2510-B | 270                  | 1.0        | uS/cm@25C    | TR             | 10/23/2021            | WATER                |

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

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COMPANY: MUSKEGON OPERATING COMPANY  
PROJECT NO: 13.037  
LOCATION: HORICON 14  
MI  
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 102121-23  
GTA SAMPLE NO: 2  
DATE SAMPLED: 10/13/2021  
TIME SAMPLED:  
DATE RECEIVED: 10/21/2021  
TIME RECEIVED: 11:11 AM

**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: OW-4       |                      |            |              |                |                       |                      |
|            | CHLORIDE EPA 300.0    | ND                   | 10         | mg/L (PPM)   | TR             | 10/24/2021            | WATER                |
|            | CONDUCTIVITY SM2510-B | 210                  | 1.0        | uS/cm@25C    | TR             | 10/23/2021            | 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<br><b>13.037</b>       | SITE NAME/ADDRESS Location<br><b>HORICON 14</b>           | COMPANY/NAME<br><b>Muskegon Operating Company</b> |
| SAMPLED BY<br><b>Kim Wallis-Burke</b> | COMPANY<br><b>Huron Engineering &amp; Surveying, Inc.</b> | GTA PROJECT #<br><b>102121-23</b>                 |

**SAMPLE INFORMATION**

| # | SAMPLE ID | DATE SAMPLED | TIME | MATRIX | ANALYSIS                                               |
|---|-----------|--------------|------|--------|--------------------------------------------------------|
|   | OW3       | 10/13/21     |      | GW     | Chloride (mg/l) and<br>Specific Conductance (umhos/cm) |
|   | OW4       | 10/13/21     |      | GW     | u                                                      |
|   |           |              |      |        |                                                        |
|   |           |              |      |        |                                                        |
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|   |           |              |      |        |                                                        |
|   |           |              |      |        |                                                        |

**BILL TO:** Huron Engineering & Surveying, Attn: Kim Wallis-Burke Kim.Wallis-Burke@Huronsi.com

**REPORT TO:** Huron Engineering & Surveying, Attn: Kim Wallis-Burke Kim.Wallis-Burke@Huronsi.com

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| <b>RELEASED BY</b><br><b>DATE/TIME</b> | <b>RECEIVED BY</b><br><b>DATE/TIME</b> |
| <b>Kim Wallis-Burke</b>                | <b>Alpena UPS</b>                      |
|                                        | <b>10/20/21 pm</b>                     |
|                                        | <b>10/21/21 11:11</b>                  |

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