



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MUSKEGON OPERATING COMPANY

Name:

ClientProj: 13.047

GTA ProjNo: 042925-27

Site Addr: BIG WOLF LAKE

Sampled By: KWB/AS - HURON

Date Rec: 4/29/2025

Time Rec: 1:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-1	4/25/2025		WATER
2	MW-1	4/25/2025		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: MUSKEGON OPERATING COMPANY
PROJECT NO: 13.047
LOCATION: BIG WOLF LAKE
MI
SAMPLED BY: KWB/AS - HURON

GTA PROJECT NO: 042925-27
GTA SAMPLE NO: 1
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/29/2025
TIME RECEIVED: 1:20 PM

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: OW-1

CHLORIDE EPA 300.0

CONDUCTIVITY SM2510-B

Concentration

ND

710

LOD

10

1.0

Units

mg/L (PPM)

uS/cm@25C

Analyst

KC/TR

TR

Date Completed

5/6/2025

5/6/2025

Sample Matrix

WATER

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: 13.047
LOCATION: BIG WOLF LAKE
MI
SAMPLED BY: KWB/AS - HURON

GTA PROJECT NO: 042925-27
GTA SAMPLE NO: 2
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/29/2025
TIME RECEIVED: 1:20 PM

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

CONDUCTIVITY SM2510-B

Concentration

ND

550

LOD

10

1.0

Units

mg/L (PPM)

uS/cm@25C

Analyst

KC/TR

TR

Date Completed

5/6/2025

5/6/2025

Sample Matrix

WATER

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

Semi-Annual, Secondary Containment, Groundwater Monitoring Event

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CHAIN OF CUSTODY

PROJECT NUMBER 13.047	SITE NAME/ADDRESS Big Wolf Lake	COMPANY/NAME Muskegon Operating Company
SAMPLED BY Alex Crumble Kim Wallis-Burke Huron Engineering and Surveying		GTA PROJECT # 042925-27

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	OW 1	04/25/25		GW	Chloride and Specific Conductance
	MW 1	04/25/25		GW	11

BILL TO: KWB Huron	TempRec: ☐ N/A ☒ Y ☐ N On Ice? ☐ ☒	REPORT TO: KWB Huron
RELEASED BY Kimberly Wallis-Burke	DATE/TIME 4/28/25	RECEIVED BY Alex Crumble
		DATE/TIME 4/29/25 pm 1:20
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		