



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MISSAUKEE OIL & GAS COMPANY  
Name:  
ClientProj: 19.019  
GTA ProjNo: 082525-1

Site Addr: USA BIG CREEK TANK BATTERY (#3-16)  
Sampled By: KWB/HURON  
Date Rec: 8/25/2025  
Time Rec: 10:16 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-5	8/21/2025		WATER
2	MW-7-S (73')	8/22/2025		WATER
3	MW-7-I (85')	8/22/2025		WATER
4	MW-7-D (113')	8/21/2025		WATER
5	MW-8-S (69')	8/20/2025		WATER
6	MW-8-I (85')	8/21/2025		WATER
7	MW-9-S (70')	8/20/2025		WATER
8	MW-9-I (85')	8/22/2025		WATER
9	MW-9-D (100')	8/21/2025		WATER
10	MW-10-S (69')	8/21/2025		WATER
11	MW-10-I (85')	8/22/2025		WATER
12	MW-13 (72')	8/20/2025		WATER
13	MW-14 (70')	8/20/2025		WATER
14	MW-14 (79')	8/20/2025		WATER
15	MW-17 (73')	8/20/2025		WATER
16	MW-17 (81')	8/20/2025		WATER
17	MW-18 (69')	8/20/2025		WATER
18	MW-18 (82')	8/19/2025		WATER
19	MW-19 (71')	8/19/2025		WATER
20	MW-19 (84')	8/19/2025		WATER
21	MW-20 (72')	8/20/2025		WATER
22	MW-20 (87')	8/20/2025		WATER
23	MW-21 (70')	8/20/2025		WATER
24	MW-21 (87')	8/20/2025		WATER
25	MW-22 (71')	8/21/2025		WATER
26	MW-22 (85')	8/21/2025		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: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 8/22/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-7-S (73') CHLORIDE EPA 300.0	260	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 8/22/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-7-I (85') CHLORIDE EPA 300.0	510	50	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 8/21/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-7-D (113') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-8-S (69*) CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 8/21/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-8-I (85') CHLORIDE EPA 300.0	140	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-9-S (70*) CHLORIDE EPA 300.0	57	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 8/22/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-9-I (85') CHLORIDE EPA 300.0	790	50	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 8/21/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-9-D (100*) CHLORIDE EPA 300.0	520	20	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 8/21/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-10-S (69') CHLORIDE EPA 300.0	320	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 11  
 DATE SAMPLED: 8/22/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-10-I (85') CHLORIDE EPA 300.0	620	50	mg/L (PPM)	KC/TR	9/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
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COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 12  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-13 (72') CHLORIDE EPA 300.0	36	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 13  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-14 (70') CHLORIDE EPA 300.0	58	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 14  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-14 (79') CHLORIDE EPA 300.0	45	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 15  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-17 (73') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 16  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-17 (81') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 17  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-18 (69') CHLORIDE EPA 300.0	31	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
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COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 18  
 DATE SAMPLED: 8/19/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-18 (82') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 19  
 DATE SAMPLED: 8/19/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-19 (71') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
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COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 20  
 DATE SAMPLED: 8/19/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-19 (84') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 21  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-20 (72') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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



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COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 22  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-20 (87') CHLORIDE EPA 300.0	68	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 23  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-21 (70') CHLORIDE EPA 300.0	60	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 24  
 DATE SAMPLED: 8/20/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-21 (87') CHLORIDE EPA 300.0	19	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

COMPANY: MISSAUKEE OIL & GAS COMPANY  
 PROJECT NO: 19.019  
 LOCATION: USA BIG CREEK TANK BATTERY (#3-16)  
 MI  
 SAMPLED BY: KWB/HURON

GTA PROJECT NO: 082525-1  
 GTA SAMPLE NO: 25  
 DATE SAMPLED: 8/21/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 8/25/2025  
 TIME RECEIVED: 10:16 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: MW-22 (71') CHLORIDE EPA 300.0	55	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: MISSAUKEE OIL & GAS COMPANY  
PROJECT NO: 19.019  
LOCATION: USA BIG CREEK TANK BATTERY (#3-16)

GTA PROJECT NO: 082525-1  
GTA SAMPLE NO: 26  
DATE SAMPLED: 8/21/2025  
TIME SAMPLED:  
DATE RECEIVED: 8/25/2025  
TIME RECEIVED: 10:16 AM

SAMPLED BY: MI  
KWB/HURON

**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: MW-22 (85') CHLORIDE EPA 300.0	18	10	mg/L (PPM)	KC/TR	9/2/2025	WATER

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

**CHAIN OF CUSTODY**

PROJECT NUMBER (Huron) 19.019	SITE NAME/ADDRESS/LOCATION USA Big Creek Tank Battery (#3-16)	COMPANY/NAME Missaukee Oil and Gas Company
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # 082525-1

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	FL (mg/l)
1	OW 5	08/21/25	-	GW	Chloride (mg/l)	1.51
2	MW 7-S (73')	08/22/25	-	↓	↓	1.60
3	MW 7-I (85')	08/22/25	-			2.48
4	MW 7-D (113')	08/21/25	-			0.45
5	MW 8-S (69')	08/20/25	-			0.47
6	MW 8-I (85')	08/20/25	-			1.24
7	MW 9-S (70')	08/20/25	-			0.72
8	MW 9-I (85')	08/22/25	-			3.19
9	MW 9-D (100')	08/21/25	-			1.94
10	MW 10-S (69')	08/21/25	-			1.53
11	MW 10-I (85')	08/22/25	-			2.59
12	MW 13 (72')	08/20/25	-			0.55
13	MW 14 (70')	08/20/25	-			0.66
14	MW 14 (79')	08/20/25	-			0.81
15	MW 17 (73')	08/20/25	-			0.43

**BILL TO:** Missaukee Oil and Gas Company, Jordan Gray (jgray@missaukeeoil.com)

**REPORT TO:** Huron Engineering & Surveying, Kim Wallis-Burke (kim.wallis-burke@huronesi.com)

<b>RELEASED BY</b>	<b>DATE/TIME</b>	<b>RECEIVED BY</b>	<b>DATE/TIME</b>
<i>[Signature]</i>		UPS	08/22/25 1710
		<i>[Signature]</i>	8/25/25 10:56

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

**CHAIN OF CUSTODY**

PROJECT NUMBER (Huron) 19.019	SITE NAME/ADDRESS/LOCATION USA Big Creek Tank Battery (#3-16)	COMPANY/NAME Missaukee Oil and Gas Company
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # 082525-01

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	FL (mg/cm)
16	MW 17 (81')	08/20/25	-	GW	Chloride (mg/l)	0.51
17	MW 18 (69')	08/20/25	-	↓	↓	0.71
18	MW 18 (82')	08/19/25	-			0.67
19	MW 19 (71')	08/19/25	-			0.60
20	MW 19 (84')	08/19/25	-			0.64
21	MW 20 (72')	08/20/25	-			0.52
22	MW 20 (87')	08/20/25	-			0.87
23	MW 21 (70')	08/20/25	-			0.76
24	MW 21 (87')	08/20/25	-			0.67
25	MW 22 (71')	08/21/25	-			0.72
26	MW 22 (85')	08/21/25	-			0.70

**BILL TO:** Missaukee Oil and Gas Company, Jordan Gray (jgray@missaukeeoil.com)

**REPORT TO:** Huron Engineering & Surveying, Kim Wallis-Burke (kim.wallis-burke@huronesi.com)

<b>RELEASED BY</b>	<b>DATE/TIME</b>	<b>RECEIVED BY</b>	<b>DATE/TIME</b>
<i>[Signature]</i>		UPS	08/22/25 1710
		<i>[Signature]</i>	8/25/25 10:56

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