



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
Name:
ClientProj: 210889-0300
GTA ProjNo: 092822-6

Site Addr: FORMER NORWICH GAS PLANT
Sampled By: BJB/JSL - ECT
Date Rec: 9/28/2022
Time Rec: 8:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-01C	9/27/2022	3:40 PM	WATER
2	MW-4B	9/27/2022	1:28 PM	WATER
3	MW-8AR	9/27/2022	12:00 PM	WATER
4	MW-8 (33')	9/27/2022	12:29 PM	WATER
5	MW-15AR	9/27/2022	2:25 PM	WATER
6	MW-17AR	9/27/2022	1:25 PM	WATER
7	MW-23	9/27/2022	12:53 PM	WATER
8	MW-24	9/27/2022	2:04 PM	WATER
9	MW-25 (26')	9/27/2022	11:25 AM	WATER
10	MW-25 (35')	9/27/2022	11:24 AM	WATER
11	MW-29	9/27/2022	1:40 PM	WATER
12	MW-30	9/27/2022	2:51 PM	WATER
13	MW-32	9/27/2022	4:05 PM	WATER
14	MW-06C	9/27/2022	4:30 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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Traverse City, MI 49686
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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0300
LOCATION: FORMER NORWICH GAS PLANT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-01C

GTA PROJECT NO: 092822-6
GTA SAMPLE NO: 1
DATE SAMPLED: 9/27/2022
TIME SAMPLED: 3:40 PM
DATE RECEIVED: 9/28/2022
TIME RECEIVED: 8:30 AM
SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/3/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	3.3	1.0					
Xylene(Total)	450	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION



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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0300
LOCATION: FORMER NORWICH GAS PLANT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4B

GTA PROJECT NO: 092822-6
GTA SAMPLE NO: 2
DATE SAMPLED: 9/27/2022
TIME SAMPLED: 1:28 PM
DATE RECEIVED: 9/28/2022
TIME RECEIVED: 8:30 AM
SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	1.4	1.0	ug/L (PPB)	MR		10/4/2022	EPA 5030B
Toluene	1.8	1.0					
Ethylbenzene	14	1.0					
Xylene(Total)	29	3.0					

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COMPANY:	MISSAUKEE OIL & GAS	GTA PROJECT NO:	092822-6
PROJECT NO:	210889-0300	GTA SAMPLE NO:	3
LOCATION:	FORMER NORWICH GAS PLANT	DATE SAMPLED:	9/27/2022
		TIME SAMPLED:	12:00 PM
		DATE RECEIVED:	9/28/2022
	MI	TIME RECEIVED:	8:30 AM
SAMPLE MATRIX:	WATER	SAMPLED BY:	BJB/JSL - ECT
SAMPLE ID:	MW-8AR		

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	3.1	1.0	ug/L (PPB)	MR		10/4/2022	EPA 5030B
Toluene	7.7	1.0					
Ethylbenzene	350	1.0					
Xylene(Total)	940	3.0					
1,2,4-Trimethylbenzene	180	1.0					
1,3,5-Trimethylbenzene	61	1.0					
Naphthalene	6.5	5.0					
2-Methylnaphthalene	6.4	5.0					

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COMPANY:	MISSAUKEE OIL & GAS	GTA PROJECT NO:	092822-6
PROJECT NO:	210889-0300	GTA SAMPLE NO:	4
LOCATION:	FORMER NORWICH GAS PLANT	DATE SAMPLED:	9/27/2022
		TIME SAMPLED:	12:29 PM
		DATE RECEIVED:	9/28/2022
	MI	TIME RECEIVED:	8:30 AM
SAMPLE MATRIX:	WATER	SAMPLED BY:	BJB/JSL - ECT
SAMPLE ID:	MW-8 (33')		

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	75	5.0	ug/L (PPB)	MR		10/3/2022	EPA 5030B
Toluene	ND	5.0					
Ethylbenzene	61	5.0					
Xylene(Total)	4,300	110					
1,2,4-Trimethylbenzene	210	5.0					
1,3,5-Trimethylbenzene	75	5.0					
Naphthalene	5.7	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 210889-0300
 LOCATION: FORMER NORWICH GAS PLANT
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-15AR

GTA PROJECT NO: 092822-6
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/27/2022
 TIME SAMPLED: 2:25 PM
 DATE RECEIVED: 9/28/2022
 TIME RECEIVED: 8:30 AM

SAMPLED BY: BJB/JSL - ECT
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EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/3/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 210889-0300
 LOCATION: FORMER NORWICH GAS PLANT

 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-17AR

GTA PROJECT NO: 092822-6
 GTA SAMPLE NO: 6
 DATE SAMPLED: 9/27/2022
 TIME SAMPLED: 1:25 PM
 DATE RECEIVED: 9/28/2022
 TIME RECEIVED: 8:30 AM

 SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	18	1.0	ug/L (PPB)	MR		10/3/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	5.4	1.0					
Xylene(Total)	430	3.0					
1,2,4-Trimethylbenzene	32	1.0					
1,3,5-Trimethylbenzene	14	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0300
LOCATION: FORMER NORWICH GAS PLANT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-23

GTA PROJECT NO: 092822-6
GTA SAMPLE NO: 7
DATE SAMPLED: 9/27/2022
TIME SAMPLED: 12:53 PM
DATE RECEIVED: 9/28/2022
TIME RECEIVED: 8:30 AM
SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.2	1.0					
Xylene(Total)	6.9	3.0					

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0300
LOCATION: FORMER NORWICH GAS PLANT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-24

GTA PROJECT NO: 092822-6
GTA SAMPLE NO: 8
DATE SAMPLED: 9/27/2022
TIME SAMPLED: 2:04 PM
DATE RECEIVED: 9/28/2022
TIME RECEIVED: 8:30 AM
SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	5.5	1.0	ug/L (PPB)	MR		10/4/2022	EPA 5030B
Toluene	180	5.0					
Ethylbenzene	100	5.0					
Xylene(Total)	440	15					
1,2,4-Trimethylbenzene	87	5.0					
1,3,5-Trimethylbenzene	31	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 210889-0300
 LOCATION: FORMER NORWICH GAS PLANT
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-25 (26)

GTA PROJECT NO: 092822-6
 GTA SAMPLE NO: 9
 DATE SAMPLED: 9/27/2022
 TIME SAMPLED: 11:25 AM
 DATE RECEIVED: 9/28/2022
 TIME RECEIVED: 8:30 AM

SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	33	1.0	ug/L (PPB)	MR		10/4/2022	EPA 5030B
Toluene	1.6	1.0					
Ethylbenzene	40	1.0					
Xylene(Total)	2,300	21					
1,2,4-Trimethylbenzene	140	10					
1,3,5-Trimethylbenzene	55	1.0					
Naphthalene	5.2	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 210889-0300
 LOCATION: FORMER NORWICH GAS PLANT
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-25 (35')

GTA PROJECT NO: 092822-6
 GTA SAMPLE NO: 10
 DATE SAMPLED: 9/27/2022
 TIME SAMPLED: 11:24 AM
 DATE RECEIVED: 9/28/2022
 TIME RECEIVED: 8:30 AM
 SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	41	5.0	ug/L (PPB)	MR		10/3/2022	EPA 5030B
Toluene	1,000	50					
Ethylbenzene	5,000	50					
Xylene(Total)	8,600	150					
1,2,4-Trimethylbenzene	720	50					
1,3,5-Trimethylbenzene	250	50					
Naphthalene	34	5.0					
2-Methylnaphthalene	7.9	5.0					

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0300
LOCATION: FORMER NORWICH GAS PLANT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-29

GTA PROJECT NO: 092822-6
GTA SAMPLE NO: 11
DATE SAMPLED: 9/27/2022
TIME SAMPLED: 1:40 PM
DATE RECEIVED: 9/28/2022
TIME RECEIVED: 8:30 AM
SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/3/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	2.0	1.0					
Xylene(Total)	6.1	3.0					

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PROJECT NO: 210889-0300
LOCATION: FORMER NORWICH GAS PLANT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-30

GTA PROJECT NO: 092822-6
GTA SAMPLE NO: 12
DATE SAMPLED: 9/27/2022
TIME SAMPLED: 2:51 PM
DATE RECEIVED: 9/28/2022
TIME RECEIVED: 8:30 AM
SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/2/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 210889-0300
 LOCATION: FORMER NORWICH GAS PLANT
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-32

GTA PROJECT NO: 092822-6
 GTA SAMPLE NO: 13
 DATE SAMPLED: 9/27/2022
 TIME SAMPLED: 4:05 PM
 DATE RECEIVED: 9/28/2022
 TIME RECEIVED: 8:30 AM

SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/2/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 210889-0300
 LOCATION: FORMER NORWICH GAS PLANT
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-06C

GTA PROJECT NO: 092822-6
 GTA SAMPLE NO: 14
 DATE SAMPLED: 9/27/2022
 TIME SAMPLED: 4:30 PM
 DATE RECEIVED: 9/28/2022
 TIME RECEIVED: 8:30 AM

SAMPLED BY: BJB/JSL - ECT

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/4/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 LOD = LIMIT OF DETECTION

10/2

CHAIN OF CUSTODY

PROJECT NUMBER 210899-0300	SITE NAME/ADDRESS FORMER NORWICH GAS PLANT	COMPANY/NAME MISSAUKEE OIL & GAS
SAMPLED BY BJB/JSL	COMPANY ECT	GTA PROJECT # 092822-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-01C	9/27/22	1540	GW	BTEX
2	MW-4B		1328		
3	MW-8AR		1200		+4
4	MW-8(33')		1229		+4
5	MW-15AR		1425		+4
6	MW-17AR		1325		+4
7	MW-23		1253		
8	MW-24		1404		+4
9	MW-25(26')		1125		+4
10	MW-25(35')		1124		+4
11	MW-29		1340		
12	MW-30		1451		
13	MW-32		1605		
14	MW-06C		1630		
15					

BILL TO: MISSAUKEE OIL & GAS	TempRec: <input type="checkbox"/> 1.0°C	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: BRIAN BAUMANN JEREMY LEWANDOWSKI
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RELEASED BY Lisa H. Jones	DATE/TIME 9-28-22	RECEIVED BY [Signature]	DATE/TIME 9-28-22 8:30A
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS