



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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

Company: MICHIGAN CONSULTING &  
Name: ENVIRONMENTAL  
ClientProj: 41539  
GTA ProjNo: 012325-1

Site Addr: GLADWIN COUNTY ROAD COMMISSION  
Sampled By: MB/KK - MCE  
Date Rec: 1/23/2025  
Time Rec: 11:23 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-7	1/22/2025	1:39 PM	WATER
2	MW-17	1/22/2025	4:05 PM	WATER
3	MW-18	1/22/2025	3:21 PM	WATER
4	MW-22D	1/22/2025	2:24 PM	WATER
5	MW-23D	1/22/2025	1:02 PM	WATER
6	MW-23S	1/22/2025	12:34 PM	WATER
7	DUPLICATE	1/22/2025	1:05 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  
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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 1

DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 1:39 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER

SAMPLE ID: MW-7

**EPA 8260B VOLATILE ORGANICS**

Units= ug/L (PPB)

Analyst= MR

Date Extracted=

Date Completed= 1/23/2025

Prep Method= EPA 5030B

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	25	cis-1,3-DICHLOROPROPENE	ND	1.0
ALLYL CHLORIDE	ND	10	trans-1,3-DICHLOROPROPENE	ND	1.0
BENZENE	ND	1.0	DIETHYL ETHER	ND	10
BROMOBENZENE	ND	1.0	ETHYLBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0	ETHYL METHACRYLATE	ND	10
BROMODICHLOROMETHANE	ND	1.0	HEXACHLOROBUTADIENE	ND	1.0
BROMOFORM	ND	1.0	HEXACHLOROETHANE	ND	10
BROMOMETHANE	ND	1.0	2-HEXANONE	ND	10
n-BUTYLBENZENE	ND	1.0	IDOMETHANE	ND	10
s-BUTYLBENZENE	ND	1.0	ISOPROPYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0	ISOPROPYLTOLUENE	ND	1.0
CARBON DISULFIDE	ND	5.0	METHYL ACRYLATE	ND	10
CARBON TETRACHLORIDE	ND	1.0	METHYL ETHYL KETONE	ND	10
CHLOROENZENE	58	1.0	METHYL-t-BUTYL ETHER	ND	5.0
1-CHLOROBUTANE	ND	1.0	METHYLENE CHLORIDE	ND	1.0
CHLOROFORM	ND	1.0	METHYL METHACRYLATE	ND	10
CHLOROETHANE	ND	1.0	MIBK	ND	10
CHLOROMETHANE	ND	1.0	2-METHYLNAPHTHALENE	ND	5.0
2-CHLOROTOLUENE	ND	1.0	NAPHTHALENE	ND	5.0
4-CHLOROTOLUENE	ND	1.0	PENTACHLOROETHANE	ND	10
DIBROMOCHLOROMETHANE	ND	1.0	n-PROPYLBENZENE	ND	1.0
DIBROMOMETHANE	ND	1.0	STYRENE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0	1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0	1,1,2,2-TETRACHLOROETHANE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0	TETRACHLOROETHENE	ND	1.0
1,4-DICHLOROENZENE	2.7	1.0	TOLUENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10	1,2,3-TRICHLOROENZENE	ND	1.0
DICHLORODIFLUOROMETHANE	ND	1.0	1,2,4-TRICHLOROENZENE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0	1,1,1-TRICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0	1,1,2-TRICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0	TRICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0	TRICHLORFLUOROMETHANE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0	1,2,3-TRICHLOROPROPANE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0	1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0	1,3,5-TRIMETHYLBENZENE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0	VINYL CHLORIDE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0	XYLENE (TOTAL)	ND	3.0

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 2

DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 4:05 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER

SAMPLE ID: MW-17

**EPA 8260B VOLATILE ORGANICS**

Units= ug/L (PPB)

Analyst= MR

Date Extracted=

Date Completed= 1/23/2025

Prep Method= EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

ND = NOT DETECTED, RESULT IS <LOD.  
 LOD = LIMIT OF DETECTION.



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 3

DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 3:21 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER

SAMPLE ID: MW-18

**EPA 8260B VOLATILE ORGANICS**

Units= ug/L (PPB)

Analyst= MR

Date Extracted=

Date Completed= 1/23/2025

Prep Method= EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	11	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	2.6	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	470	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	35	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	4.4	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	25	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	2.3	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	22	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	13	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	5.7	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	1.7	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	19	3.0

ND = NOT DETECTED, RESULT IS <LOD.  
 LOD = LIMIT OF DETECTION.



**INDEPENDENT TESTING LAB**

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 2:24 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER

SAMPLE ID: MW-22D

**EPA 8260B VOLATILE ORGANICS**

Units= ug/L (PPB)

Analyst= MR

Date Extracted=

Date Completed= 1/23/2025

Prep Method= EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

ND = NOT DETECTED, RESULT IS <LOD.  
 LOD = LIMIT OF DETECTION.



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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 5

DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 1:02 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER

SAMPLE ID: MW-23D

**EPA 8260B VOLATILE ORGANICS**

Units= ug/L (PPB)

Analyst= MR

Date Extracted=

Date Completed= 1/23/2025

Prep Method= EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

ND = NOT DETECTED, RESULT IS <LOD.  
 LOD = LIMIT OF DETECTION.



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 6

DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 12:34 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER

SAMPLE ID: MW-23S

**EPA 8260B VOLATILE ORGANICS**

Units= ug/L (PPB)

Analyst= MR

Date Extracted=

Date Completed= 1/23/2025

Prep Method= EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



**INDEPENDENT TESTING LAB**

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COMPANY: MICHIGAN CONSULTING & ENVIRONMENTAL  
 PROJECT NO: 41539  
 LOCATION: GLADWIN COUNTY ROAD COMMISSION

GTA PROJECT NO: 012325-1  
 GTA SAMPLE NO: 7

DATE SAMPLED: 1/22/2025  
 TIME SAMPLED: 1:05 PM  
 DATE RECEIVED: 1/23/2025  
 TIME RECEIVED: 11:23 AM

SAMPLED BY: MB/KK - MCE

SAMPLE MATRIX: WATER  
 SAMPLE ID: DUPLICATE

**EPA 8260B VOLATILE ORGANICS**

**Units=** ug/L (PPB) **Analyst=** MR **Date Extracted=**

**Date Completed=** 1/23/2025 **Prep Method=** EPA 5030B

Analyte	Concentration	LOD
ACETONE	ND	25
ALLYL CHLORIDE	ND	10
BENZENE	ND	1.0
BROMOBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	1.0
BROMOMETHANE	ND	1.0
n-BUTYLBENZENE	ND	1.0
s-BUTYLBENZENE	ND	1.0
t-BUTYLBENZENE	ND	1.0
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROENZENE	ND	1.0
1-CHLOROBUTANE	ND	1.0
CHLOROFORM	ND	1.0
CHLOROETHANE	ND	1.0
CHLOROMETHANE	ND	1.0
2-CHLOROTOLUENE	ND	1.0
4-CHLOROTOLUENE	ND	1.0
DIBROMOCHLOROMETHANE	ND	1.0
DIBROMOMETHANE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
1,3-DICHLOROPROPANE	ND	1.0
2,2-DICHLOROPROPANE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	1.0
trans-1,3-DICHLOROPROPENE	ND	1.0
DIETHYL ETHER	ND	10
ETHYLBENZENE	ND	1.0
ETHYL METHACRYLATE	ND	10
HEXACHLOROBUTADIENE	ND	1.0
HEXACHLOROETHANE	ND	10
2-HEXANONE	ND	10
IDOMETHANE	ND	10
ISOPROPYLBENZENE	ND	1.0
ISOPROPYLTOLUENE	ND	1.0
METHYL ACRYLATE	ND	10
METHYL ETHYL KETONE	ND	10
METHYL-t-BUTYL ETHER	ND	5.0
METHYLENE CHLORIDE	ND	1.0
METHYL METHACRYLATE	ND	10
MIBK	ND	10
2-METHYLNAPHTHALENE	ND	5.0
NAPHTHALENE	ND	5.0
PENTACHLOROETHANE	ND	10
n-PROPYLBENZENE	ND	1.0
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHENE	ND	1.0
TOLUENE	ND	1.0
1,2,3-TRICHLOROENZENE	ND	1.0
1,2,4-TRICHLOROENZENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHENE	ND	1.0
TRICHLORFLUOROMETHANE	ND	1.0
1,2,3-TRICHLOROPROPANE	ND	1.0
1,2,4-TRIMETHYLBENZENE	ND	1.0
1,3,5-TRIMETHYLBENZENE	ND	1.0
VINYL CHLORIDE	ND	1.0
XYLENE (TOTAL)	ND	3.0

ND = NOT DETECTED, RESULT IS <LOD.  
 LOD = LIMIT OF DETECTION.

MUSTA

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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**CHAIN OF CUSTODY**

PROJECT NUMBER 41539	SITE NAME/ADDRESS Gladwin county Road Commission	COMPANY/NAME MCE
SAMPLED BY MB/KK	COMPANY MCE	GTA PROJECT # 012325-1

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-7	1/22/25	13:39	GW	Full VOCs
2	MW-17	↓	16:05	↓	↓
3	MW-18		15:21		
4	MW-22D		14:24		
5	MW-23D		13:02		
6	MW-23S		12:34		
7	Duplicate		13:05		

BILL TO: MCE MUSTA	TempRec: <input type="checkbox"/> 3.20C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: thack@michenv.com
RELEASED BY Cold Storage KATE KELLY	DATE/TIME 1/23/25 11:00 1/23/25 11:23am	RECEIVED BY <del>Kate Kelly</del> MCE Cold Storage K. Kelly	DATE/TIME <del>1/23/25 11:00</del> 1/22/25 6:20pm 1/23/25 11:23am
REQUESTED TAT <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 1 BUSINESS DAY <input type="checkbox"/> 2 BUSINESS DAYS <input type="checkbox"/> 3 BUSINESS DAYS			