

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MICHIGAN CONSULTING &
Name: ENVIRONMENTAL
ClientProj: 64906.5
GTA ProjNo: 081823-9

Site Addr: MANISTEE GATEWAY 305 RIVER ST
MANISTEE
Sampled By: JR/BP/DH - MCE
Date Rec: 8/18/2023
Time Rec: 12:36 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	GP-305-101-2.5'	8/17/2023	9:54 AM	SOIL
2	GP-305-101-9'	8/17/2023	9:57 AM	SOIL
3	GP-305-101-2-2.5'	8/17/2023	9:55 AM	SOIL
4	GP-305-101-7-7.5'	8/17/2023	9:56 AM	SOIL
5	GP-305-102-4-7-5'	8/17/2023	12:14 PM	SOIL
6	GP-305-102-7-7.5'	8/17/2023	12:15 PM	SOIL
7	GP-305-103-14.7'	8/17/2023	11:46 AM	SOIL
8	GP-305-103-1-1.5'	8/17/2023	11:48 AM	SOIL
9	GP-305-103-6-6.5'	8/17/2023	11:49 AM	SOIL
10	GP-305-104-1.5-2'	8/17/2023	11:29 AM	SOIL
11	GP-305-104-2.5-3'	8/17/2023	11:27 AM	SOIL
12	GP-305-105-1-1.5'	8/17/2023	10:26 AM	SOIL
13	GP-305-105-3.5-4'	8/17/2023	10:27 AM	SOIL
14	GP-305-106-9'	8/17/2023	10:53 AM	SOIL
15	GP-305-106-15'	8/17/2023	10:48 AM	SOIL
16	GP-305-106-4-4.5'	8/17/2023		SOIL
17	GP-305-106-7.5-8'	8/17/2023		SOIL
18	GP-305-107-0.5-1'	8/17/2023		SOIL
19	GP-305-107-3.5-4'	8/17/2023		SOIL
20	GP-305-108-5.8'	8/17/2023		SOIL
21	GP-305-108-3-3.5'	8/17/2023		SOIL
22	GP-305-108-5.5-6'	8/17/2023		SOIL

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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

MANISTEE
SAMPLED BY: JR/BP/DH - MCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 1

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 9:54 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: GP-305-101-2.5'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) **Analyst=** MR **Date Extracted=** 8/17/2023 **Date Completed=** 8/22/2023 **Prep Method=** EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	1,900	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	60,000	1,500
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	12,000	150	IDOMETHANE	ND	250
s-BUTYLBENZENE	3,400	50	ISOPROPYLBENZENE	6,700	150
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	15,000	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	7,300	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	14,000	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	33,000	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROETHANE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROETHANE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROETHANE	ND	50	TOLUENE	71,000	1,500
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROETHANE	ND	50
DICHLORODIFLUOROMETHANE	ND	250	1,2,4-TRICHLOROETHANE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLOROFUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	190,000	1,500
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	69,000	1,500
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	290,000	3,000

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

SAMPLED BY: MANISTEE
JR/BP/DH - MCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 2

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 9:57 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: GP-305-101-9'

EPA 8260B VOLATILE ORGANICSUnits= ug/Kg (PPB)Analyst= MRDate Extracted= 8/17/2023Date Completed= 8/22/2023Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHAN	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

SAMPLED BY: MANISTEE
JR/BP/DH - MCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 7

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:46 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: GP-305-103-14.7'

EPA 8260B VOLATILE ORGANICSUnits= ug/Kg (PPB)Analyst= MRDate Extracted= 8/17/2023Date Completed= 8/22/2023Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHAN	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

SAMPLED BY: MANISTEE JR/BP/DH - MCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 14

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 10:53 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: GP-305-106-9'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) Analyst= MR Date Extracted= 8/17/2023 Date Completed= 8/22/2023 Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	5,200	160
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	5,700	160	IDOMETHANE	ND	250
s-BUTYLBENZENE	1,100	50	ISOPROPYLBENZENE	2,800	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	1,800	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	2,700	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	11,000	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHAN	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	59,000	160
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	21,000	160
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	24,000	480

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

SAMPLED BY: MANISTEE
JR/BP/DH - MCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 15

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 10:48 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: GP-305-106-15'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) **Analyst=** MR **Date Extracted=** 8/17/2023 **Date Completed=** 8/22/2023 **Prep Method=** EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	ND	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	ND	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHAN	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	ND	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

SAMPLED BY: MANISTEE JR/BP/DH - MCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 20

DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: GP-305-108-5.8'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB) Analyst= MR Date Extracted= 8/17/2023 Date Completed= 8/22/2023 Prep Method= EPA 5035A

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	1,000	cis-1,3-DICHLOROPROPENE	ND	50
ALLYL CHLORIDE	ND	250	trans-1,3-DICHLOROPROPENE	ND	50
BENZENE	ND	50	DIETHYL ETHER	ND	200
BROMOBENZENE	ND	100	ETHYLBENZENE	ND	50
BROMOCHLOROMETHANE	ND	100	ETHYL METHACRYLATE	ND	250
BROMODICHLOROMETHANE	ND	50	HEXACHLOROBUTADIENE	ND	50
BROMOFORM	ND	100	HEXACHLOROETHANE	ND	250
BROMOMETHANE	ND	200	2-HEXANONE	ND	2,500
n-BUTYLBENZENE	140	50	IDOMETHANE	ND	250
s-BUTYLBENZENE	240	50	ISOPROPYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50	ISOPROPYLTOLUENE	ND	50
CARBON DISULFIDE	ND	250	METHYL ACRYLATE	ND	250
CARBON TETRACHLORIDE	ND	50	METHYL ETHYL KETONE	ND	750
CHLOROBENZENE	ND	50	METHYL-t-BUTYL ETHER	ND	250
1-CHLOROBUTANE	ND	100	METHYLENE CHLORIDE	ND	100
CHLOROFORM	ND	50	METHYL METHACRYLATE	ND	250
CHLOROETHANE	ND	250	MIBK	ND	2,500
CHLOROMETHANE	ND	250	2-METHYLNAPHTHALENE	ND	250
2-CHLOROTOLUENE	ND	50	NAPHTHALENE	ND	250
4-CHLOROTOLUENE	ND	50	PENTACHLOROETHANE	ND	250
DIBROMOCHLOROMETHANE	ND	100	n-PROPYLBENZENE	ND	50
DIBROMOMETHANE	ND	250	STYRENE	ND	50
1,2-DIBROMOETHANE	ND	20	1,1,1,2-TETRACHLOROETHANE	ND	100
1,2-DICHLOROBENZENE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROBENZENE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROBENZENE	ND	50	TOLUENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50	1,2,3-TRICHLOROBENZENE	ND	50
DICHLORODIFLUOROMETHAN	ND	250	1,2,4-TRICHLOROBENZENE	ND	250
1,1-DICHLOROETHANE	ND	50	1,1,1-TRICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50	1,1,2-TRICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50	TRICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50	TRICHLORFLUOROMETHANE	ND	100
trans-1,2-DICHLOROETHENE	ND	50	1,2,3-TRICHLOROPROPANE	ND	100
1,2-DICHLOROPROPANE	ND	50	1,2,4-TRIMETHYLBENZENE	98	50
1,3-DICHLOROPROPANE	ND	50	1,3,5-TRIMETHYLBENZENE	ND	50
2,2-DICHLOROPROPANE	ND	50	VINYL CHLORIDE	ND	40
1,1-DICHLOROPROPENE	ND	50	XYLENE (TOTAL)	ND	150

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 3

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 9:55 AM

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-101-2-2.5'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/25/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	370	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	490	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 5

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 12:14 PM

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-102-4.7-5'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/26/2023	EPA 3550B
Acenaphthylene	12,000	330					
Anthracene	18,000	330					
Benzo(a)anthracene	51,000	330					
Benzo(b)fluoranthene	44,000	330					
Benzo(k)fluoranthene	10,000	330					
Benzo(a)pyrene	30,000	330					
Benzo(ghi)perylene	12,000	330					
2-Chloronaphthalene	ND	330					
Chrysene	34,000	330					
Dibenz(ah)anthracene	4,000	330					
Fluoranthene	78,000	330					
Fluorene	3,800	330					
Indeno(123-cd)pyrene	15,000	330					
2-Methylnaphthalene	3,000	330					
Naphthalene	780	330					
Phenanthrene	82,000	330					
Pyrene	34,000	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 8

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:48 AM

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-103-1-1.5'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/26/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	640	330					
Benzo(b)fluoranthene	890	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	460	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	520	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	1,500	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	360	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	400	330					
Pyrene	410	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 10

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:29 AM

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-104-1.5-2'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/26/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	590	330					
Benzo(b)fluoranthene	560	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	400	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	380	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	810	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	490	330					
Pyrene	450	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 12

DATE SAMPLED: 8/17/2023
TIME SAMPLED: 10:26 AM

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-105-1-1.5'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/25/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	520	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	430	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 16

DATE SAMPLED: 8/17/2023
TIME SAMPLED:

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-106-4-4.5'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/25/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 18

DATE SAMPLED: 8/17/2023
TIME SAMPLED:

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-107-0.5-1'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/25/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	ND	330					
Benzo(b)fluoranthene	ND	330					
Benzo(k)fluoranthene	ND	330					
Benzo(a)pyrene	ND	330					
Benzo(ghi)perylene	ND	330					
2-Chloronaphthalene	ND	330					
Chrysene	ND	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	ND	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	ND	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	ND	330					
Pyrene	ND	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 21

DATE SAMPLED: 8/17/2023
TIME SAMPLED:

MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM

SAMPLE MATRIX: SOIL
SAMPLE ID: GP-305-108-3-3.5'

PNA EPA 8270D (SIM)

<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>Completed</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/23/2023	8/25/2023	EPA 3550B
Acenaphthylene	ND	330					
Anthracene	ND	330					
Benzo(a)anthracene	1,500	330					
Benzo(b)fluoranthene	1,700	330					
Benzo(k)fluoranthene	390	330					
Benzo(a)pyrene	1,200	330					
Benzo(ghi)perylene	760	330					
2-Chloronaphthalene	ND	330					
Chrysene	900	330					
Dibenz(ah)anthracene	ND	330					
Fluoranthene	2,200	330					
Fluorene	ND	330					
Indeno(123-cd)pyrene	820	330					
2-Methylnaphthalene	ND	330					
Naphthalene	ND	330					
Phenanthrene	660	330					
Pyrene	990	330					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED

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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-101-2-2.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 3
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 9:55 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	2.7	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	29	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	3.8	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	8.5	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	29	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.020	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	330	7.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-101-7-7.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 4
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 9:56 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	36	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	0.93	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	22	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	65	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.21	0.020	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.76	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	76	7.6	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-102-4.7-5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 5
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 12:14 PM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	5.4	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	290	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	11	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	40	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	500	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.46	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	190	7.9	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-102-7-7.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 6
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 12:15 PM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	66	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	ND	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	6.4	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	34	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.095	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.80	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	22	8.0	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-103-1-1.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 8
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:48 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	32	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	4.0	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	13	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	56	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.092	0.021	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.74	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	40	7.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-103-6-6.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 9
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:49 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	76	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	7.3	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	20	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	84	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	2.6	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.86	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	170	8.6	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-104-1.5-2'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 10
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:29 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	33	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	1.4	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	6.0	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	13	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.18	0.019	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.70	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	22	7.0	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-104-2.5-3'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 11
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 11:27 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	1.5	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	560	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	14	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	72	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	500	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.86	0.024	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	1.1	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	500	11	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-105-1-1.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 12
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 10:26 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	3.2	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	27	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	930	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	15	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	8.5	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	58	8.2	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-105-3.5-4'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 13
DATE SAMPLED: 8/17/2023
TIME SAMPLED: 10:27 AM
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	1.3	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	25	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	5.0	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	5.2	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	2.2	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	0.26	0.021	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.78	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	7.8	7.8	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-106-4-4.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 16
DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	57	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	4.6	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	12	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	51	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.87	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	62	8.7	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-106-7.5-8'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 17
DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	130	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	18	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	19	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	23	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.037	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	1.4	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	120	14	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-107-0.5-1'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 18
DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	2.4	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	23	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	1,100	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	15	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	7.9	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.82	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	90	8.2	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-107-3.5-4'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 19
DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	2.3	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	13	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	2.6	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	4.2	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	12	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.020	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.72	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	14	7.2	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE
MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-108-3-3.5'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 21
DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	60	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	7.5	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	20	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	100	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	1.1	0.020	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.83	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	75	8.3	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**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: 64906.5
LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE MI
SAMPLED BY: JR/BP/DH - MCE
SAMPLE ID: GP-305-108-5.5-6'

GTA PROJECT NO: 081823-9
GTA SAMPLE NO: 22
DATE SAMPLED: 8/17/2023
TIME SAMPLED:
DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM
SAMPLE MATRIX: SOIL

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
ARSENIC TOTAL EPA 6020A	ND	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
BARIUM TOTAL EPA 6020A	37	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CADMIUM TOTAL EPA 6020A	1.4	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
CHROMIUM TOTAL EPA 6020A	9.1	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
COPPER TOTAL EPA 6020A	8.2	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
LEAD TOTAL EPA 6020A	19	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
MERCURY TOTAL EPA 7471A	ND	0.022	mg/Kg (PPM)	MR/TR	9/1/2023	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.79	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B
ZINC TOTAL EPA 6020A	1,400	7.9	mg/Kg (PPM)	MR	8/24/2023	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTALNAME:
PROJECT NO: 64906.5

GTA PROJECT NO: 081823-9

SAMPLED BY: JR/BP/DH - MCE

DATE SAMPLED: 8/17/2023

LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE
MI

SAMPLE SOIL

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM**MOISTURE**

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed
SAMPLE ID: GP-305-101-2.5' % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-101-9' % MOISTURE EPA 3550C	4.3	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-101-2-2.5' % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-101-7-7.5' % MOISTURE EPA 3550C	7.8	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-102-4.7-5' % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-102-7-7.5' % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-103-14.7' % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-103-1-1.5' % MOISTURE EPA 3550C	6.6	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-103-6-6.5' % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-104-1.5-2' % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-104-2.5-3' % MOISTURE EPA 3550C	20	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-105-1-1.5' % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-105-3.5-4' % MOISTURE EPA 3550C	6.2	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-106-9' % MOISTURE EPA 3550C	16	0.10	% OF SAMPLE	AS	8/18/2023

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTALNAME:
PROJECT NO: 64906.5LOCATION: MANISTEE GATEWAY 305 RIVER ST
MANISTEE
MI

GTA PROJECT NO: 081823-9

SAMPLED BY: JR/BP/DH - MCE

DATE SAMPLED: 8/17/2023

SAMPLE SOIL

DATE RECEIVED: 8/18/2023
TIME RECEIVED: 12:36 PM**MOISTURE**

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: GP-305-106-15' % MOISTURE EPA 3550C	8.7	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-106-4-4.5' % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-106-7.5-8' % MOISTURE EPA 3550C	46	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-107-0.5-1' % MOISTURE EPA 3550C	12	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-107-3.5-4' % MOISTURE EPA 3550C	4.2	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-108-5.8' % MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-108-3-3.5' % MOISTURE EPA 3550C	7.4	0.10	% OF SAMPLE	AS	8/18/2023
SAMPLE ID: GP-305-108-5.5-6' % MOISTURE EPA 3550C	18	0.10	% OF SAMPLE	AS	8/18/2023