

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: GLENWOOD CUSTOM BUILDERS

Name:

ClientProj: 2019424002.03

GTA ProjNo: 121619-1

Site Addr: 4060 M-75 N

Sampled By: MAX KORNDORFER/GCES

Date Rec: 12/16/2019

Time Rec: 9:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-1 (1.5')	12/13/2019	10:30 AM	SOIL
2	SB-2/TW-2 (1')	12/13/2019	11:00 AM	SOIL
3	TW-2	12/13/2019	12:25 PM	WATER
4	SB-3/TW-3 (1')	12/13/2019	1:00 PM	SOIL
5	SB-4/TW-4 (1')	12/13/2019	1:45 PM	SOIL
6	TW-1	12/13/2019	2:45 PM	WATER
7	TW-4	12/13/2019	3:40 PM	WATER
8	TW-3	12/13/2019	4:40 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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INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 1

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 10:30 AM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: SB-1 (1.5')

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)

Analyst= MR

Date

Date Completed= 12/18/2019

Prep

EPA 5035A

Analyte	Concentration	LOD
ACETONE	ND	1,000
ALLYL CHLORIDE	ND	250
BENZENE	ND	50
BROMOBENZENE	ND	100
BROMOCHLOROMETHANE	ND	100
BROMODICHLOROMETHANE	ND	50
BROMOFORM	ND	100
BROMOMETHANE	ND	200
n-BUTYLBENZENE	ND	50
s-BUTYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50
CARBON DISULFIDE	ND	250
CARBON TETRACHLORIDE	ND	50
CHLOROBENZENE	ND	50
1-CHLOROBUTANE	ND	100
CHLOROFORM	ND	50
CHLOROETHANE	ND	250
CHLOROMETHANE	ND	250
2-CHLOROTOLUENE	ND	50
4-CHLOROTOLUENE	ND	50
DIBROMOCHLOROMETHANE	ND	100
DIBROMOMETHANE	ND	250
1,2-DIBROMOETHANE	ND	20
1,2-DICHLOROETHANE	ND	50
1,3-DICHLOROETHANE	ND	50
1,4-DICHLOROETHANE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250
1,1-DICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50
trans-1,2-DICHLOROETHENE	ND	50
1,2-DICHLOROPROPANE	ND	50
1,3-DICHLOROPROPANE	ND	50
2,2-DICHLOROPROPANE	ND	50
1,1-DICHLOROPROPENE	ND	50

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	50
trans-1,3-DICHLOROPROPENE	ND	50
DIETHYL ETHER	ND	200
ETHYLBENZENE	ND	50
ETHYL METHACRYLATE	ND	250
HEXACHLOROBUTADIENE	ND	50
HEXACHLOROETHANE	ND	250
2-HEXANONE	ND	2,500
IDOMETHANE	ND	250
ISOPROPYLBENZENE	ND	50
ISOPROPYLTOLUENE	ND	50
METHYL ACRYLATE	ND	250
METHYL ETHYL KETONE	ND	750
METHYL-t-BUTYL ETHER	ND	250
METHYLENE CHLORIDE	ND	100
METHYL METHACRYLATE	ND	250
MIBK	ND	2,500
2-METHYLNAPHTHALENE	ND	250
NAPHTHALENE	ND	250
PENTACHLOROETHANE	ND	250
n-PROPYLBENZENE	ND	50
STYRENE	ND	50
1,1,1,2-TETRACHLOROETHANE	ND	100
1,1,2,2-TETRACHLOROETHANE	ND	50
TETRACHLOROETHENE	ND	50
TOLUENE	ND	50
1,2,3-TRICHLOROETHANE	ND	50
1,2,4-TRICHLOROETHANE	ND	250
1,1,1-TRICHLOROETHANE	ND	50
1,1,2-TRICHLOROETHANE	ND	50
TRICHLOROETHENE	ND	50
TRICHLORFLUOROMETHANE	ND	100
1,2,3-TRICHLOROPROPANE	ND	100
1,2,4-TRIMETHYLBENZENE	ND	50
1,3,5-TRIMETHYLBENZENE	ND	50
VINYL CHLORIDE	ND	40
XYLENE (TOTAL)	ND	150

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



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COMPANY: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: SOIL

GTA PROJECT NO: 121619-1
GTA SAMPLE NO: 2

DATE SAMPLED: 12/13/2019
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: SB-2/TW-2 (1')

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)	Analyst= MR	Date
Analyte	Concentration	LOD
ACETONE	ND	1,000
ALLYL CHLORIDE	ND	250
BENZENE	ND	50
BROMOBENZENE	ND	100
BROMOCHLOROMETHANE	ND	100
BROMODICHLOROMETHANE	ND	50
BROMOFORM	ND	100
BROMOMETHANE	ND	200
n-BUTYLBENZENE	ND	50
s-BUTYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50
CARBON DISULFIDE	ND	250
CARBON TETRACHLORIDE	ND	50
CHLOROBENZENE	ND	50
1-CHLOROBUTANE	ND	100
CHLOROFORM	ND	50
CHLOROETHANE	ND	250
CHLOROMETHANE	ND	250
2-CHLOROTOLUENE	ND	50
4-CHLOROTOLUENE	ND	50
DIBROMOCHLOROMETHANE	ND	100
DIBROMOMETHANE	ND	250
1,2-DIBROMOETHANE	ND	20
1,2-DICHLOROBENZENE	ND	50
1,3-DICHLOROBENZENE	ND	50
1,4-DICHLOROBENZENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250
1,1-DICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50
trans-1,2-DICHLOROETHENE	ND	50
1,2-DICHLOROPROPANE	ND	50
1,3-DICHLOROPROPANE	ND	50
2,2-DICHLOROPROPANE	ND	50
1,1-DICHLOROPROPENE	ND	50

Date Completed= 12/18/2019	Prep	EPA 5035A
Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	50
trans-1,3-DICHLOROPROPENE	ND	50
DIETHYL ETHER	ND	200
ETHYLBENZENE	ND	50
ETHYL METHACRYLATE	ND	250
HEXACHLOROBUTADIENE	ND	50
HEXACHLOROETHANE	ND	250
2-HEXANONE	ND	2,500
IDOMETHANE	ND	250
ISOPROPYLBENZENE	ND	50
ISOPROPYLTOLUENE	ND	50
METHYL ACRYLATE	ND	250
METHYL ETHYL KETONE	ND	750
METHYL-t-BUTYL ETHER	ND	250
METHYLENE CHLORIDE	ND	100
METHYL METHACRYLATE	ND	250
MIBK	ND	2,500
2-METHYLNAPHTHALENE	ND	250
NAPHTHALENE	ND	250
PENTACHLOROETHANE	ND	250
n-PROPYLBENZENE	ND	50
STYRENE	ND	50
1,1,1,2-TETRACHLOROETHANE	ND	100
1,1,2,2-TETRACHLOROETHANE	ND	50
TETRACHLOROETHENE	ND	50
TOLUENE	ND	50
1,2,3-TRICHLOROBENZENE	ND	50
1,2,4-TRICHLOROBENZENE	ND	250
1,1,1-TRICHLOROETHANE	ND	50
1,1,2-TRICHLOROETHANE	ND	50
TRICHLOROETHENE	ND	50
TRICHLORFLUOROMETHANE	ND	100
1,2,3-TRICHLOROPROPANE	ND	100
1,2,4-TRIMETHYLBENZENE	ND	50
1,3,5-TRIMETHYLBENZENE	ND	50
VINYL CHLORIDE	ND	40
XYLENE (TOTAL)	ND	150

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



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COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 3

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 12:25 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: WATER

SAMPLE ID: TW-2

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 12/17/2019

Prep

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
CHLOROBEZENE	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-DICHLOROBENZENE	ND	1.0
1,3-DICHLOROBENZENE	ND	1.0
1,4-DICHLOROBENZENE	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-TRICHLOROBENZENE	ND	1.0
1,2,4-TRICHLOROBENZENE	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: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 4

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: SB-3/TW-3 (1')

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)

Analyst= MR

Date

Date Completed= 12/18/2019

Prep

EPA 5035A

Analyte	Concentration	LOD
ACETONE	ND	1,000
ALLYL CHLORIDE	ND	250
BENZENE	ND	50
BROMOBENZENE	ND	100
BROMOCHLOROMETHANE	ND	100
BROMODICHLOROMETHANE	ND	50
BROMOFORM	ND	100
BROMOMETHANE	ND	200
n-BUTYLBENZENE	ND	50
s-BUTYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50
CARBON DISULFIDE	ND	250
CARBON TETRACHLORIDE	ND	50
CHLOROBENZENE	ND	50
1-CHLOROBUTANE	ND	100
CHLOROFORM	ND	50
CHLOROETHANE	ND	250
CHLOROMETHANE	ND	250
2-CHLOROTOLUENE	ND	50
4-CHLOROTOLUENE	ND	50
DIBROMOCHLOROMETHANE	ND	100
DIBROMOMETHANE	ND	250
1,2-DIBROMOETHANE	ND	20
1,2-DICHLOROETHANE	ND	50
1,3-DICHLOROETHANE	ND	50
1,4-DICHLOROETHANE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250
1,1-DICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50
trans-1,2-DICHLOROETHENE	ND	50
1,2-DICHLOROPROPANE	ND	50
1,3-DICHLOROPROPANE	ND	50
2,2-DICHLOROPROPANE	ND	50
1,1-DICHLOROPROPENE	ND	50

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	50
trans-1,3-DICHLOROPROPENE	ND	50
DIETHYL ETHER	ND	200
ETHYLBENZENE	ND	50
ETHYL METHACRYLATE	ND	250
HEXACHLOROBUTADIENE	ND	50
HEXACHLOROETHANE	ND	250
2-HEXANONE	ND	2,500
IDOMETHANE	ND	250
ISOPROPYLBENZENE	ND	50
ISOPROPYLTOLUENE	ND	50
METHYL ACRYLATE	ND	250
METHYL ETHYL KETONE	ND	750
METHYL-t-BUTYL ETHER	ND	250
METHYLENE CHLORIDE	ND	100
METHYL METHACRYLATE	ND	250
MIBK	ND	2,500
2-METHYLNAPHTHALENE	ND	250
NAPHTHALENE	ND	250
PENTACHLOROETHANE	ND	250
n-PROPYLBENZENE	ND	50
STYRENE	ND	50
1,1,1,2-TETRACHLOROETHANE	ND	100
1,1,2,2-TETRACHLOROETHANE	ND	50
TETRACHLOROETHENE	ND	50
TOLUENE	ND	50
1,2,3-TRICHLOROETHANE	ND	50
1,2,4-TRICHLOROETHANE	ND	250
1,1,1-TRICHLOROETHANE	ND	50
1,1,2-TRICHLOROETHANE	ND	50
TRICHLOROETHENE	ND	50
TRICHLORFLUOROMETHANE	ND	100
1,2,3-TRICHLOROPROPANE	ND	100
1,2,4-TRIMETHYLBENZENE	ND	50
1,3,5-TRIMETHYLBENZENE	ND	50
VINYL CHLORIDE	ND	40
XYLENE (TOTAL)	ND	150

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



INDEPENDENT TESTING LAB

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PH: 231-929-0905

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COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 5

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 1:45 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: SB-4/TW-4 (1')

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)

Analyst= MR

Date

Date Completed= 12/18/2019

Prep

EPA 5035A

Analyte	Concentration	LOD
ACETONE	ND	1,000
ALLYL CHLORIDE	ND	250
BENZENE	ND	50
BROMOBENZENE	ND	100
BROMOCHLOROMETHANE	ND	100
BROMODICHLOROMETHANE	ND	50
BROMOFORM	ND	100
BROMOMETHANE	ND	200
n-BUTYLBENZENE	ND	50
s-BUTYLBENZENE	ND	50
t-BUTYLBENZENE	ND	50
CARBON DISULFIDE	ND	250
CARBON TETRACHLORIDE	ND	50
CHLOROBENZENE	ND	50
1-CHLOROBUTANE	ND	100
CHLOROFORM	ND	50
CHLOROETHANE	ND	250
CHLOROMETHANE	ND	250
2-CHLOROTOLUENE	ND	50
4-CHLOROTOLUENE	ND	50
DIBROMOCHLOROMETHANE	ND	100
DIBROMOMETHANE	ND	250
1,2-DIBROMOETHANE	ND	20
1,2-DICHLOROBENZENE	ND	50
1,3-DICHLOROBENZENE	ND	50
1,4-DICHLOROBENZENE	ND	50
t-1,4-DICHLORO-2-BUTENE	ND	50
DICHLORODIFLUOROMETHANE	ND	250
1,1-DICHLOROETHANE	ND	50
1,2-DICHLOROETHANE	ND	50
1,1-DICHLOROETHENE	ND	50
cis-1,2-DICHLOROETHENE	ND	50
trans-1,2-DICHLOROETHENE	ND	50
1,2-DICHLOROPROPANE	ND	50
1,3-DICHLOROPROPANE	ND	50
2,2-DICHLOROPROPANE	ND	50
1,1-DICHLOROPROPENE	ND	50

Analyte	Concentration	LOD
cis-1,3-DICHLOROPROPENE	ND	50
trans-1,3-DICHLOROPROPENE	ND	50
DIETHYL ETHER	ND	200
ETHYLBENZENE	ND	50
ETHYL METHACRYLATE	ND	250
HEXACHLOROBUTADIENE	ND	50
HEXACHLOROETHANE	ND	250
2-HEXANONE	ND	2,500
IDOMETHANE	ND	250
ISOPROPYLBENZENE	ND	50
ISOPROPYLTOLUENE	ND	50
METHYL ACRYLATE	ND	250
METHYL ETHYL KETONE	ND	750
METHYL-t-BUTYL ETHER	ND	250
METHYLENE CHLORIDE	ND	100
METHYL METHACRYLATE	ND	250
MIBK	ND	2,500
2-METHYLNAPHTHALENE	ND	250
NAPHTHALENE	ND	250
PENTACHLOROETHANE	ND	250
n-PROPYLBENZENE	ND	50
STYRENE	ND	50
1,1,1,2-TETRACHLOROETHANE	ND	100
1,1,2,2-TETRACHLOROETHANE	ND	50
TETRACHLOROETHENE	ND	50
TOLUENE	ND	50
1,2,3-TRICHLOROBENZENE	ND	50
1,2,4-TRICHLOROBENZENE	ND	250
1,1,1-TRICHLOROETHANE	ND	50
1,1,2-TRICHLOROETHANE	ND	50
TRICHLOROETHENE	ND	50
TRICHLORFLUOROMETHANE	ND	100
1,2,3-TRICHLOROPROPANE	ND	100
1,2,4-TRIMETHYLBENZENE	ND	50
1,3,5-TRIMETHYLBENZENE	ND	50
VINYL CHLORIDE	ND	40
XYLENE (TOTAL)	ND	150

ND = NOT DETECTED, RESULT IS <LOD.

LOD = LIMIT OF DETECTION.



INDEPENDENT TESTING LAB

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PH: 231-929-0905

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COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 6

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 2:45 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: WATER

SAMPLE ID: TW-1

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 12/17/2019

Prep

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
CHLOROBEZENE	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-DICHLOROBENZENE	ND	1.0
1,3-DICHLOROBENZENE	ND	1.0
1,4-DICHLOROBENZENE	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-TRICHLOROBENZENE	ND	1.0
1,2,4-TRICHLOROBENZENE	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: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 7

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 3:40 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: WATER

SAMPLE ID: TW-4

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 12/17/2019

Prep

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
CHLORO BENZENE	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-DICHLOROBENZENE	ND	1.0
1,3-DICHLOROBENZENE	ND	1.0
1,4-DICHLOROBENZENE	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-TRICHLOROBENZENE	ND	1.0
1,2,4-TRICHLOROBENZENE	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: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 8

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 4:40 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: WATER

SAMPLE ID: TW-3

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 12/17/2019

Prep

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
CHLORO BENZENE	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-DICHLOROBENZENE	ND	1.0
1,3-DICHLOROBENZENE	ND	1.0
1,4-DICHLOROBENZENE	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-TRICHLOROBENZENE	ND	1.0
1,2,4-TRICHLOROBENZENE	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: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 1
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: SOIL

SAMPLE ID: MI
SB-1 (1.5')

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/Kg (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/28/2019	Prep
Method=	EPA 3550B							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	330	4,6-Dinitro-2-methylphenol	ND	830
Acenaphthylene	ND	330	2,4-Dinitrophenol	ND	1700
Aniline	ND	1700	2,4-Dinitrotoluene	ND	330
Anthracene	ND	330	2,6-Dinitrotoluene	ND	330
Benzo(a)anthracene	ND	1000	1,2-Diphenylhydrazine	ND	330
Benzo(b)fluoranthene	ND	330	bis(2-Ethylhexyl)phthalate	ND	330
Benzo(k)fluoranthene	ND	330	Fluoranthene	ND	330
Benzo(a)pyrene	ND	330	Fluorene	ND	330
Benzoic Acid	ND	3300	Hexachlorobenzene	ND	330
Benzo(ghi)perylene	ND	330	Hexachlorobutadiene	ND	50
Benzyl Alcohol	ND	1300	Hexachloroethane	ND	300
4-Bromophenylphenyl ether	ND	330	Hexachlorocyclopentadiene	ND	330
Butylbenzyl phthalate	ND	330	Indeno(123-cd)pyrene	ND	330
di-n-Butyl phthalate	ND	330	Isophorone	ND	330
Carbazole	ND	330	2-Methylphenol	ND	330
4-Chloroaniline	ND	1700	4-methylphenol	ND	330
bis(2-Chloroethoxy)methane	ND	330	2-Nitroaniline	ND	1700
bis(2-Chloroethyl)ether	ND	100	3-Nitroaniline	ND	1700
bis(2-Chloroisopropyl)ether	ND	330	4-Nitroaniline	ND	1700
4-Chloro-3-methylphenol	ND	330	Nitrobenzene	ND	200
2-Chloronaphthalene	ND	330	2-Nitrophenol	ND	330
2-Chlorophenol	ND	330	4-Nitrophenol	ND	1700
4-Chlorophenylphenyl ether	ND	330	N-Nitrosodiphenylamine	ND	330
Chrysene	ND	330	N-Nitroso-di-n-propylamine	ND	330
Dibenz(ah)anthracene	ND	330	di-n-Octyl phthalate	ND	330
Dibenzofuran	ND	330	Pentachlorophenol	ND	20
1,2-Dichlorobenzene	ND	330	Phenanthrene	ND	330
1,3-Dichlorobenzene	ND	330	Phenol	ND	330
1,4-Dichlorobenzene	ND	330	Pyrene	ND	330
3,3'-Dichlorobenzidine	ND	2000	1,2,4-Trichlorobenzene	ND	330
2,4-Dichlorophenol	ND	330	2,4,5-Trichlorophenol	ND	330
Diethyl phthalate	ND	330	2,4,6-Trichlorophenol	ND	330
2,4-Dimethylphenol	ND	330			
Dimethyl phthalate	ND	330			

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: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 2
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: SOIL

MI
SAMPLE ID: SB-2/TW-2 (1')

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/Kg (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/28/2019	Prep
Method=	EPA 3550B							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	330	4,6-Dinitro-2-methylphenol	ND	830
Acenaphthylene	ND	330	2,4-Dinitrophenol	ND	1700
Aniline	ND	1700	2,4-Dinitrotoluene	ND	330
Anthracene	ND	330	2,6-Dinitrotoluene	ND	330
Benzo(a)anthracene	ND	1000	1,2-Diphenylhydrazine	ND	330
Benzo(b)fluoranthene	ND	330	bis(2-Ethylhexyl)phthalate	ND	330
Benzo(k)fluoranthene	ND	330	Fluoranthene	ND	330
Benzo(a)pyrene	ND	330	Fluorene	ND	330
Benzoic Acid	ND	3300	Hexachlorobenzene	ND	330
Benzo(ghi)perylene	ND	330	Hexachlorobutadiene	ND	50
Benzyl Alcohol	ND	1300	Hexachloroethane	ND	300
4-Bromophenylphenyl ether	ND	330	Hexachlorocyclopentadiene	ND	330
Butylbenzyl phthalate	ND	330	Indeno(123-cd)pyrene	ND	330
di-n-Butyl phthalate	ND	330	Isophorone	ND	330
Carbazole	ND	330	2-Methylphenol	ND	330
4-Chloroaniline	ND	1700	4-methylphenol	ND	330
bis(2-Chloroethoxy)methane	ND	330	2-Nitroaniline	ND	1700
bis(2-Chloroethyl)ether	ND	100	3-Nitroaniline	ND	1700
bis(2-Chloroisopropyl)ether	ND	330	4-Nitroaniline	ND	1700
4-Chloro-3-methylphenol	ND	330	Nitrobenzene	ND	200
2-Chloronaphthalene	ND	330	2-Nitrophenol	ND	330
2-Chlorophenol	ND	330	4-Nitrophenol	ND	1700
4-Chlorophenylphenyl ether	ND	330	N-Nitrosodiphenylamine	ND	330
Chrysene	ND	330	N-Nitroso-di-n-propylamine	ND	330
Dibenz(ah)anthracene	ND	330	di-n-Octyl phthalate	ND	330
Dibenzofuran	ND	330	Pentachlorophenol	ND	20
1,2-Dichlorobenzene	ND	330	Phenanthrene	ND	330
1,3-Dichlorobenzene	ND	330	Phenol	ND	330
1,4-Dichlorobenzene	ND	330	Pyrene	ND	330
3,3'-Dichlorobenzidine	ND	2000	1,2,4-Trichlorobenzene	ND	330
2,4-Dichlorophenol	ND	330	2,4,5-Trichlorophenol	ND	330
Diethyl phthalate	ND	330	2,4,6-Trichlorophenol	ND	330
2,4-Dimethylphenol	ND	330			
Dimethyl phthalate	ND	330			

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: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 3
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 12:25 PM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: WATER

SAMPLE ID: MI
TW-2

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/L (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/19/2019	Prep
Method=	EPA 3510C							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	5	4,6-Dinitro-2-methylphenol	ND	20
Acenaphthylene	ND	5	2,4-Dinitrophenol	ND	25
Aniline	ND	4	2,4-Dinitrotoluene	ND	5
Anthracene	ND	5	2,6-Dinitrotoluene	ND	5
Benzo(a)anthracene	ND	25	1,2-Diphenylhydrazine	ND	5
Benzo(b)fluoranthene	ND	1	bis(2-Ethylhexyl)phthalate	ND	5
Benzo(k)fluoranthene	ND	1	Fluoranthene	ND	1
Benzo(a)pyrene	ND	1	Fluorene	ND	5
Benzoic Acid	ND	50	Hexachlorobenzene	ND	5
Benzo(ghi)perylene	ND	2	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	20	Hexachloroethane	ND	5
4-Bromophenylphenyl ether	ND	5	Hexachlorocyclopentadiene	ND	5
Butylbenzyl phthalate	ND	5	Indeno(123-cd)pyrene	ND	2
di-n-Butyl phthalate	ND	5	Isophorone	ND	5
Carbazole	ND	5	2-Methylphenol	ND	5
4-Chloroaniline	ND	20	4-methylphenol	ND	5
bis(2-Chloroethoxy)methane	ND	5	2-Nitroaniline	ND	25
bis(2-Chloroethyl)ether	ND	1	3-Nitroaniline	ND	25
bis(2-Chloroisopropyl)ether	ND	5	4-Nitroaniline	ND	25
4-Chloro-3-methylphenol	ND	5	Nitrobenzene	ND	5
2-Chloronaphthalene	ND	5	2-Nitrophenol	ND	5
2-Chlorophenol	ND	5	4-Nitrophenol	ND	25
4-Chlorophenylphenyl ether	ND	5	N-Nitrosodiphenylamine	ND	5
Chrysene	ND	1	N-Nitroso-di-n-propylamine	ND	5
Dibenz(ah)anthracene	ND	2	di-n-Octyl phthalate	ND	5
Dibenzofuran	ND	5	Pentachlorophenol	ND	1
1,2-Dichlorobenzene	ND	5	Phenanthrene	ND	2
1,3-Dichlorobenzene	ND	5	Phenol	ND	5
1,4-Dichlorobenzene	ND	5	Pyrene	ND	5
3,3'-Dichlorobenzidine	ND	25	1,2,4-Trichlorobenzene	ND	5
2,4-Dichlorophenol	ND	5	2,4,5-Trichlorophenol	ND	5
Diethyl phthalate	ND	5	2,4,6-Trichlorophenol	ND	4
2,4-Dimethylphenol	ND	5			
Dimethyl phthalate	ND	5			

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: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1- 4
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: SOIL

SAMPLE ID: MI
SB-3/TW-3 (1')

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/L (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/19/2019	Prep
Method=	EPA 3510C							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	5	4,6-Dinitro-2-methylphenol	ND	20
Acenaphthylene	ND	5	2,4-Dinitrophenol	ND	25
Aniline	ND	4	2,4-Dinitrotoluene	ND	5
Anthracene	ND	5	2,6-Dinitrotoluene	ND	5
Benzo(a)anthracene	ND	25	1,2-Diphenylhydrazine	ND	5
Benzo(b)fluoranthene	ND	1	bis(2-Ethylhexyl)phthalate	ND	5
Benzo(k)fluoranthene	ND	1	Fluoranthene	ND	1
Benzo(a)pyrene	ND	1	Fluorene	ND	5
Benzoic Acid	ND	50	Hexachlorobenzene	ND	5
Benzo(ghi)perylene	ND	2	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	20	Hexachloroethane	ND	5
4-Bromophenylphenyl ether	ND	5	Hexachlorocyclopentadiene	ND	5
Butylbenzyl phthalate	ND	5	Indeno(123-cd)pyrene	ND	2
di-n-Butyl phthalate	ND	5	Isophorone	ND	5
Carbazole	ND	5	2-Methylphenol	ND	5
4-Chloroaniline	ND	20	4-methylphenol	ND	5
bis(2-Chloroethoxy)methane	ND	5	2-Nitroaniline	ND	25
bis(2-Chloroethyl)ether	ND	1	3-Nitroaniline	ND	25
bis(2-Chloroisopropyl)ether	ND	5	4-Nitroaniline	ND	25
4-Chloro-3-methylphenol	ND	5	Nitrobenzene	ND	5
2-Chloronaphthalene	ND	5	2-Nitrophenol	ND	5
2-Chlorophenol	ND	5	4-Nitrophenol	ND	25
4-Chlorophenylphenyl ether	ND	5	N-Nitrosodiphenylamine	ND	5
Chrysene	ND	1	N-Nitroso-di-n-propylamine	ND	5
Dibenz(ah)anthracene	ND	2	di-n-Octyl phthalate	ND	5
Dibenzofuran	ND	5	Pentachlorophenol	ND	1
1,2-Dichlorobenzene	ND	5	Phenanthrene	ND	2
1,3-Dichlorobenzene	ND	5	Phenol	ND	5
1,4-Dichlorobenzene	ND	5	Pyrene	ND	5
3,3'-Dichlorobenzidine	ND	25	1,2,4-Trichlorobenzene	ND	5
2,4-Dichlorophenol	ND	5	2,4,5-Trichlorophenol	ND	5
Diethyl phthalate	ND	5	2,4,6-Trichlorophenol	ND	4
2,4-Dimethylphenol	ND	5			
Dimethyl phthalate	ND	5			

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

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COMPANY: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 5
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: SOIL

MI
SAMPLE ID: SB-4/TW-4 (1')

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/Kg (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/28/2019	Prep
Method=	EPA 3550B							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	330	4,6-Dinitro-2-methylphenol	ND	830
Acenaphthylene	ND	330	2,4-Dinitrophenol	ND	1700
Aniline	ND	1700	2,4-Dinitrotoluene	ND	330
Anthracene	ND	330	2,6-Dinitrotoluene	ND	330
Benzo(a)anthracene	ND	1000	1,2-Diphenylhydrazine	ND	330
Benzo(b)fluoranthene	ND	330	bis(2-Ethylhexyl)phthalate	ND	330
Benzo(k)fluoranthene	ND	330	Fluoranthene	ND	330
Benzo(a)pyrene	ND	330	Fluorene	ND	330
Benzoic Acid	ND	3300	Hexachlorobenzene	ND	330
Benzo(ghi)perylene	ND	330	Hexachlorobutadiene	ND	50
Benzyl Alcohol	ND	1300	Hexachloroethane	ND	300
4-Bromophenylphenyl ether	ND	330	Hexachlorocyclopentadiene	ND	330
Butylbenzyl phthalate	ND	330	Indeno(123-cd)pyrene	ND	330
di-n-Butyl phthalate	ND	330	Isophorone	ND	330
Carbazole	ND	330	2-Methylphenol	ND	330
4-Chloroaniline	ND	1700	4-methylphenol	ND	330
bis(2-Chloroethoxy)methane	ND	330	2-Nitroaniline	ND	1700
bis(2-Chloroethyl)ether	ND	100	3-Nitroaniline	ND	1700
bis(2-Chloroisopropyl)ether	ND	330	4-Nitroaniline	ND	1700
4-Chloro-3-methylphenol	ND	330	Nitrobenzene	ND	200
2-Chloronaphthalene	ND	330	2-Nitrophenol	ND	330
2-Chlorophenol	ND	330	4-Nitrophenol	ND	1700
4-Chlorophenylphenyl ether	ND	330	N-Nitrosodiphenylamine	ND	330
Chrysene	ND	330	N-Nitroso-di-n-propylamine	ND	330
Dibenz(ah)anthracene	ND	330	di-n-Octyl phthalate	ND	330
Dibenzofuran	ND	330	Pentachlorophenol	ND	20
1,2-Dichlorobenzene	ND	330	Phenanthrene	ND	330
1,3-Dichlorobenzene	ND	330	Phenol	ND	330
1,4-Dichlorobenzene	ND	330	Pyrene	ND	330
3,3'-Dichlorobenzidine	ND	2000	1,2,4-Trichlorobenzene	ND	330
2,4-Dichlorophenol	ND	330	2,4,5-Trichlorophenol	ND	330
Diethyl phthalate	ND	330	2,4,6-Trichlorophenol	ND	330
2,4-Dimethylphenol	ND	330			
Dimethyl phthalate	ND	330			

ND = NOT DETECTED
LOD = LIMIT OF DETECTION



INDEPENDENT TESTING LAB

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COMPANY: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 6
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 2:45 PM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: WATER

SAMPLE ID: MI
TW-1

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/L (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/19/2019	Prep
Method=	EPA 3510C							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	5	4,6-Dinitro-2-methylphenol	ND	20
Acenaphthylene	ND	5	2,4-Dinitrophenol	ND	25
Aniline	ND	4	2,4-Dinitrotoluene	ND	5
Anthracene	ND	5	2,6-Dinitrotoluene	ND	5
Benzo(a)anthracene	ND	25	1,2-Diphenylhydrazine	ND	5
Benzo(b)fluoranthene	ND	1	bis(2-Ethylhexyl)phthalate	ND	5
Benzo(k)fluoranthene	ND	1	Fluoranthene	ND	1
Benzo(a)pyrene	ND	1	Fluorene	ND	5
Benzoic Acid	ND	50	Hexachlorobenzene	ND	5
Benzo(ghi)perylene	ND	2	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	20	Hexachloroethane	ND	5
4-Bromophenylphenyl ether	ND	5	Hexachlorocyclopentadiene	ND	5
Butylbenzyl phthalate	ND	5	Indeno(123-cd)pyrene	ND	2
di-n-Butyl phthalate	ND	5	Isophorone	ND	5
Carbazole	ND	5	2-Methylphenol	ND	5
4-Chloroaniline	ND	20	4-methylphenol	ND	5
bis(2-Chloroethoxy)methane	ND	5	2-Nitroaniline	ND	25
bis(2-Chloroethyl)ether	ND	1	3-Nitroaniline	ND	25
bis(2-Chloroisopropyl)ether	ND	5	4-Nitroaniline	ND	25
4-Chloro-3-methylphenol	ND	5	Nitrobenzene	ND	5
2-Chloronaphthalene	ND	5	2-Nitrophenol	ND	5
2-Chlorophenol	ND	5	4-Nitrophenol	ND	25
4-Chlorophenylphenyl ether	ND	5	N-Nitrosodiphenylamine	ND	5
Chrysene	ND	1	N-Nitroso-di-n-propylamine	ND	5
Dibenz(ah)anthracene	ND	2	di-n-Octyl phthalate	ND	5
Dibenzofuran	ND	5	Pentachlorophenol	ND	1
1,2-Dichlorobenzene	ND	5	Phenanthrene	ND	2
1,3-Dichlorobenzene	ND	5	Phenol	ND	5
1,4-Dichlorobenzene	ND	5	Pyrene	ND	5
3,3'-Dichlorobenzidine	ND	25	1,2,4-Trichlorobenzene	ND	5
2,4-Dichlorophenol	ND	5	2,4,5-Trichlorophenol	ND	5
Diethyl phthalate	ND	5	2,4,6-Trichlorophenol	ND	4
2,4-Dimethylphenol	ND	5			
Dimethyl phthalate	ND	5			

ND = NOT DETECTED
LOD = LIMIT OF DETECTION



INDEPENDENT TESTING LAB

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FAX: 231-929-0894

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COMPANY: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 7
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 3:40 PM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: WATER

SAMPLE ID: MI
TW-4

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/L (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/19/2019	Prep
Method=	EPA 3510C							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	5	4,6-Dinitro-2-methylphenol	ND	20
Acenaphthylene	ND	5	2,4-Dinitrophenol	ND	25
Aniline	ND	4	2,4-Dinitrotoluene	ND	5
Anthracene	ND	5	2,6-Dinitrotoluene	ND	5
Benzo(a)anthracene	ND	25	1,2-Diphenylhydrazine	ND	5
Benzo(b)fluoranthene	ND	1	bis(2-Ethylhexyl)phthalate	ND	5
Benzo(k)fluoranthene	ND	1	Fluoranthene	ND	1
Benzo(a)pyrene	ND	1	Fluorene	ND	5
Benzoic Acid	ND	50	Hexachlorobenzene	ND	5
Benzo(ghi)perylene	ND	2	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	20	Hexachloroethane	ND	5
4-Bromophenylphenyl ether	ND	5	Hexachlorocyclopentadiene	ND	5
Butylbenzyl phthalate	ND	5	Indeno(123-cd)pyrene	ND	2
di-n-Butyl phthalate	ND	5	Isophorone	ND	5
Carbazole	ND	5	2-Methylphenol	ND	5
4-Chloroaniline	ND	20	4-methylphenol	ND	5
bis(2-Chloroethoxy)methane	ND	5	2-Nitroaniline	ND	25
bis(2-Chloroethyl)ether	ND	1	3-Nitroaniline	ND	25
bis(2-Chloroisopropyl)ether	ND	5	4-Nitroaniline	ND	25
4-Chloro-3-methylphenol	ND	5	Nitrobenzene	ND	5
2-Chloronaphthalene	ND	5	2-Nitrophenol	ND	5
2-Chlorophenol	ND	5	4-Nitrophenol	ND	25
4-Chlorophenylphenyl ether	ND	5	N-Nitrosodiphenylamine	ND	5
Chrysene	ND	1	N-Nitroso-di-n-propylamine	ND	5
Dibenz(ah)anthracene	ND	2	di-n-Octyl phthalate	ND	5
Dibenzofuran	ND	5	Pentachlorophenol	ND	1
1,2-Dichlorobenzene	ND	5	Phenanthrene	ND	2
1,3-Dichlorobenzene	ND	5	Phenol	ND	5
1,4-Dichlorobenzene	ND	5	Pyrene	ND	5
3,3'-Dichlorobenzidine	ND	25	1,2,4-Trichlorobenzene	ND	5
2,4-Dichlorophenol	ND	5	2,4,5-Trichlorophenol	ND	5
Diethyl phthalate	ND	5	2,4,6-Trichlorophenol	ND	4
2,4-Dimethylphenol	ND	5			
Dimethyl phthalate	ND	5			

ND = NOT DETECTED
LOD = LIMIT OF DETECTION



INDEPENDENT TESTING LAB

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COMPANY: GLENWOOD CUSTOM BUILDERS
PROJECT NO: 2019424002.03
LOCATION: 4060 M-75 N

GTA PROJECT 121619-1 - 8
DATE SAMPLED: 12/13/2019
TIME SAMPLED: 4:40 PM
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 9:20 AM
SAMPLED MAX KORNDORFER/GCES
SAMPLE MATRIX: WATER

SAMPLE ID: MI
TW-3

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units=	ug/L (PPB)	Analyst	KC/TR	Date	12/19/2019	Date	12/19/2019	Prep
Method=	EPA 3510C							

Analyte	Concentration	LOD	Analyte	Concentration	LOD
Acenaphthene	ND	5	4,6-Dinitro-2-methylphenol	ND	20
Acenaphthylene	ND	5	2,4-Dinitrophenol	ND	25
Aniline	ND	4	2,4-Dinitrotoluene	ND	5
Anthracene	ND	5	2,6-Dinitrotoluene	ND	5
Benzo(a)anthracene	ND	25	1,2-Diphenylhydrazine	ND	5
Benzo(b)fluoranthene	ND	1	bis(2-Ethylhexyl)phthalate	ND	5
Benzo(k)fluoranthene	ND	1	Fluoranthene	ND	1
Benzo(a)pyrene	ND	1	Fluorene	ND	5
Benzoic Acid	ND	50	Hexachlorobenzene	ND	5
Benzo(ghi)perylene	ND	2	Hexachlorobutadiene	ND	5
Benzyl Alcohol	ND	20	Hexachloroethane	ND	5
4-Bromophenylphenyl ether	ND	5	Hexachlorocyclopentadiene	ND	5
Butylbenzyl phthalate	ND	5	Indeno(123-cd)pyrene	ND	2
di-n-Butyl phthalate	ND	5	Isophorone	ND	5
Carbazole	ND	5	2-Methylphenol	ND	5
4-Chloroaniline	ND	20	4-methylphenol	ND	5
bis(2-Chloroethoxy)methane	ND	5	2-Nitroaniline	ND	25
bis(2-Chloroethyl)ether	ND	1	3-Nitroaniline	ND	25
bis(2-Chloroisopropyl)ether	ND	5	4-Nitroaniline	ND	25
4-Chloro-3-methylphenol	ND	5	Nitrobenzene	ND	5
2-Chloronaphthalene	ND	5	2-Nitrophenol	ND	5
2-Chlorophenol	ND	5	4-Nitrophenol	ND	25
4-Chlorophenylphenyl ether	ND	5	N-Nitrosodiphenylamine	ND	5
Chrysene	ND	1	N-Nitroso-di-n-propylamine	ND	5
Dibenz(ah)anthracene	ND	2	di-n-Octyl phthalate	ND	5
Dibenzofuran	ND	5	Pentachlorophenol	ND	1
1,2-Dichlorobenzene	ND	5	Phenanthrene	ND	2
1,3-Dichlorobenzene	ND	5	Phenol	ND	5
1,4-Dichlorobenzene	ND	5	Pyrene	ND	5
3,3'-Dichlorobenzidine	ND	25	1,2,4-Trichlorobenzene	ND	5
2,4-Dichlorophenol	ND	5	2,4,5-Trichlorophenol	ND	5
Diethyl phthalate	ND	5	2,4,6-Trichlorophenol	ND	4
2,4-Dimethylphenol	ND	5			
Dimethyl phthalate	ND	5			

ND = NOT DETECTED
LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

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COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 1

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 10:30 AM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-1 (1.5')

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	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
BARIUM TOTAL EPA 6020A	12	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CHROMIUM TOTAL EPA 6020A	2.4	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
COPPER TOTAL EPA 6020A	0.42	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
LEAD TOTAL EPA 6020A	1.8	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
MERCURY TOTAL EPA 7471B	0.016	0.013	mg/Kg (PPM)	MR	12/2/2019	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.35	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
ZINC TOTAL EPA 6020A	4.0	3.5	mg/Kg (PPM)	MR	12/20/2019	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

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COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

PROJECT NO: 2019424002.03

GTA SAMPLE NO: 2

LOCATION: 4060 M-75 N

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2/TW-2 (1')

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	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
BARIUM TOTAL EPA 6020A	8.5	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CHROMIUM TOTAL EPA 6020A	1.3	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
COPPER TOTAL EPA 6020A	ND	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
LEAD TOTAL EPA 6020A	4.2	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
MERCURY TOTAL EPA 7471B	ND	0.013	mg/Kg (PPM)	MR	12/2/2019	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.34	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
ZINC TOTAL EPA 6020A	7.1	3.4	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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COMPANY: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03

LOCATION: 4060 M-75 N

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE ID: TW-2

GTA PROJECT NO: 121619-1

GTA SAMPLE NO: 3

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 12:25 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: WATER

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	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
BARIUM TOTAL EPA 6020A	0.31	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CADMIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CHROMIUM TOTAL EPA 6020A	0.0034	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
COPPER TOTAL EPA 6020A	0.019	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
LEAD TOTAL EPA 6020A	0.083	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
MERCURY TOTAL EPA 7470A	ND	0.00020	mg/L (PPM)	MR	12/26/2019	EPA 7470
SELENIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
SILVER TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
ZINC TOTAL EPA 6020A	0.11	0.010	mg/L (PPM)	MR	12/20/2019	EPA 3005A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

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COMPANY: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03

LOCATION: 4060 M-75 N

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE ID: SB-3/TW-3 (1')

GTA PROJECT NO: 121619-1

GTA SAMPLE NO: 4

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

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	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
BARIUM TOTAL EPA 6020A	8.5	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CHROMIUM TOTAL EPA 6020A	2.3	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
COPPER TOTAL EPA 6020A	0.93	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
LEAD TOTAL EPA 6020A	2.5	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
MERCURY TOTAL EPA 7471B	ND	0.014	mg/Kg (PPM)	MR	12/2/2019	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.32	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
ZINC TOTAL EPA 6020A	6.9	3.2	mg/Kg (PPM)	MR	12/20/2019	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: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03

LOCATION: 4060 M-75 N

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE ID: SB-4/TW-4 (1')

GTA PROJECT NO: 121619-1

GTA SAMPLE NO: 5

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 1:45 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

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	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
BARIUM TOTAL EPA 6020A	8.7	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CADMIUM TOTAL EPA 6020A	ND	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
CHROMIUM TOTAL EPA 6020A	2.1	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
COPPER TOTAL EPA 6020A	0.65	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
LEAD TOTAL EPA 6020A	1.6	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
MERCURY TOTAL EPA 7471B	ND	0.016	mg/Kg (PPM)	MR	12/2/2019	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.36	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B
ZINC TOTAL EPA 6020A	4.9	3.6	mg/Kg (PPM)	MR	12/20/2019	EPA 3050B

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COMPANY: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03

LOCATION: 4060 M-75 N

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE ID: TW-1

GTA PROJECT NO: 121619-1

GTA SAMPLE NO: 6

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 2:45 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: WATER

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	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
BARIUM TOTAL EPA 6020A	0.25	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CADMIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CHROMIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
COPPER TOTAL EPA 6020A	0.084	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
LEAD TOTAL EPA 6020A	0.022	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
MERCURY TOTAL EPA 7470A	ND	0.00020	mg/L (PPM)	MR	12/26/2019	EPA 7470
SELENIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
SILVER TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
ZINC TOTAL EPA 6020A	0.050	0.010	mg/L (PPM)	MR	12/20/2019	EPA 3005A

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COMPANY: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03

LOCATION: 4060 M-75 N

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE ID: TW-4

GTA PROJECT NO: 121619-1

GTA SAMPLE NO: 7

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 3:40 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: WATER

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	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
BARIUM TOTAL EPA 6020A	0.16	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CADMIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CHROMIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
COPPER TOTAL EPA 6020A	0.0046	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
LEAD TOTAL EPA 6020A	0.011	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
MERCURY TOTAL EPA 7470A	ND	0.00020	mg/L (PPM)	MR	12/26/2019	EPA 7470
SELENIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
SILVER TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
ZINC TOTAL EPA 6020A	0.027	0.010	mg/L (PPM)	MR	12/20/2019	EPA 3005A

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COMPANY: GLENWOOD CUSTOM BUILDERS

PROJECT NO: 2019424002.03

LOCATION: 4060 M-75 N

MI

SAMPLED BY: MAX KORNDORFER/GCES

SAMPLE ID: TW-3

GTA PROJECT NO: 121619-1

GTA SAMPLE NO: 8

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 4:40 PM

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

SAMPLE MATRIX: WATER

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	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
BARIUM TOTAL EPA 6020A	0.14	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CADMIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
CHROMIUM TOTAL EPA 6020A	0.0015	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
COPPER TOTAL EPA 6020A	0.0071	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
LEAD TOTAL EPA 6020A	0.017	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
MERCURY TOTAL EPA 7470A	ND	0.00020	mg/L (PPM)	MR	12/26/2019	EPA 7470
SELENIUM TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
SILVER TOTAL EPA 6020A	ND	0.0010	mg/L (PPM)	MR	12/20/2019	EPA 3005A
ZINC TOTAL EPA 6020A	0.047	0.010	mg/L (PPM)	MR	12/20/2019	EPA 3005A

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**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: GLENWOOD CUSTOM BUILDERS

GTA PROJECT NO: 121619-1

NAME:

SAMPLED BY: MAX KORNDORFER/GCES

PROJECT NO: 2019424002.03

DATE SAMPLED: 12/13/2019

TIME SAMPLED: 10:30 AM

LOCATION: 4060 M-75 N

SAMPLE MATRIX: SOIL

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 9:20 AM

MI

MOISTURE**No: Analysis****Concentration LOD Units Analyst Date Complete**

SAMPLE ID: SB-1 (1.5')

% MOISTURE EPA 3550C

10 0.050 % OF SAMPLE AS 12/17/2019

SAMPLE ID: SB-2/TW-2 (1')

% MOISTURE EPA 3550C

6.2 0.050 % OF SAMPLE AS 12/17/2019

SAMPLE ID: SB-3/TW-3 (1')

% MOISTURE EPA 3550C

12 0.050 % OF SAMPLE AS 12/17/2019

SAMPLE ID: SB-4/TW-4 (1')

% MOISTURE EPA 3550C

14 0.050 % OF SAMPLE AS 12/17/2019

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