

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: COMPLIANCE INC.
Name:
ClientProj: 4268
GTA ProjNo: 072919-2

Site Addr: MAREK PARCEL

Sampled By: J. ROSSI/COMPLIANCE
Date Rec: 7/29/2019
Time Rec: 10:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	B-10 3.5'	7/26/2019		SOIL
2	B-11 0"-6"	7/26/2019		SOIL
3	B-11 4'	7/26/2019		SOIL
4	B-12 0-6"	7/26/2019		SOIL
5	B-12 4'	7/26/2019		SOIL
6	B-13 0"-4"	7/26/2019		SOIL
7	B-13 2'	7/26/2019		SOIL
8	B-14 5"-9"	7/26/2019		SOIL
9	B-14 2'	7/26/2019		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 L 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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

SAMPLED BY: J. ROSSI/COMPLIANCE

SAMPLE MATRIX: SOIL

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 1

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: B-10 3.5'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)

Analyst= MR

Date

7/26/2019

Date Completed= 7/30/2019

Prep

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-DICHLOROETHANE	ND	50	1,1,2,2-TETRACHLOROETHANE	ND	50
1,3-DICHLOROETHANE	ND	50	TETRACHLOROETHENE	ND	50
1,4-DICHLOROETHANE	ND	50	TOLUENE	ND	50
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	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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: B-11 4'

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 3

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

SAMPLED BY: J. ROSSI/COMPLIANCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2019	7/30/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

CO

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: B-12 4'

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 5

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

SAMPLED BY: J. ROSSI/COMPLIANCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/26/2019	7/31/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

CO

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

ND = NOT DETECTED, RESULT < 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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: B-13 2'

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 7

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

SAMPLED BY: J. ROSSI/COMPLIANCE

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		7/26/2019	7/31/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

CO

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

ND = NOT DETECTED, RESULT < 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: COMPLIANCE INC.

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 9

PROJECT NO: 4268

LOCATION: MAREK PARCEL

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

SAMPLED BY: J. ROSSI/COMPLIANCE

SAMPLE MATRIX: SOIL

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

SAMPLE ID: B-14 2'

EPA 8260B VOLATILE ORGANICS

Units= ug/Kg (PPB)

Analyst= MR

Date

7/26/2019

Date Completed= 7/31/2019

Prep

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
DICHLORODIFLUOROMETHANE	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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

SAMPLED BY: MI
J. ROSSI/COMPLIANCE

SAMPLE MATRIX: SOIL

SAMPLE ID: B-11 0"-6"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 2

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

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>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/5/2019	8/6/2019	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					

CO

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: COMPLIANCE INC.
PROJECT NO: 4268
LOCATION: MAREK PARCEL

GTA PROJECT 072919-2 - 4
DATE SAMPLED: 7/26/2019
TIME SAMPLED:
DATE RECEIVED: 7/29/2019
TIME RECEIVED: 10:00 AM
SAMPLED BY:: J. ROSSI/COMPLIANCE
SAMPLE MATRIX: SOIL

SAMPLE ID: MI
B-12 0-6"

BASE NEUTRAL ACID EXTRACTABLES EPA 8270D

Units= ug/Kg (PPB) Analyst KC/TR Date 8/5/2019 Date Completed= 8/6/2019 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
Benidine	ND	1000	1,2-Diphenylhydrazine	ND	330
Benzo(a)anthracene	ND	330	bis(2-Ethylhexyl)phthalate	ND	330
Benzo(b)fluoranthene	ND	330	Fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330	Fluorene	ND	330
Benzo(a)pyrene	ND	330	Hexachlorobenzene	ND	330
Benzoic Acid	ND	3300	Hexachlorobutadiene	ND	50
Benzo(ghi)perylene	ND	330	Hexachloroethane	ND	300
Benzyl Alcohol	ND	1300	Hexachlorocyclopentadiene	ND	330
4-Bromophenylphenyl ether	ND	330	Indeno(123-cd)pyrene	ND	330
Butylbenzyl phthalate	ND	330	Isophorone	ND	330
di-n-Butyl phthalate	ND	330	2-Methylnaphthalene	ND	330
Carbazole	ND	330	2-Methylphenol	ND	330
4-Chloroaniline	ND	1700	4-methylphenol	ND	330
bis(2-Chloroethoxy)methane	ND	330	Naphthalene	ND	330
bis(2-Chloroethyl)ether	ND	100	2-Nitroaniline	ND	1700
bis(2-Chloroisopropyl)ether	ND	330	3-Nitroaniline	ND	1700
4-Chloro-3-methylphenol	ND	330	4-Nitroaniline	ND	1700
2-Chloronaphthalene	ND	330	Nitrobenzene	ND	200
2-Chlorophenol	ND	330	2-Nitrophenol	ND	330
4-Chlorophenylphenyl ether	ND	330	4-Nitrophenol	ND	1700
Chrysene	ND	330	N-Nitrosodiphenylamine	ND	330
Dibenz(ah)anthracene	ND	330	N-Nitroso-di-n-propylamine	ND	330
Dibenzofuran	ND	330	di-n-Octyl phthalate	ND	330
1,2-Dichlorobenzene	ND	330	Pentachlorophenol	ND	20
1,3-Dichlorobenzene	ND	330	Phenanthrene	ND	330
1,4-Dichlorobenzene	ND	330	Phenol	ND	330
3,3'-Dichlorobenzidine	ND	2000	Pyrene	ND	330
2,4-Dichlorophenol	ND	330	1,2,4-Trichlorobenzene	ND	330
Diethyl phthalate	ND	330	2,4,5-Trichlorophenol	ND	330
2,4-Dimethylphenol	ND	330	2,4,6-Trichlorophenol	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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

SAMPLED BY: MI
J. ROSSI/COMPLIANCE

SAMPLE MATRIX: SOIL

SAMPLE ID: B-13 0"-4"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 6

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

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>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/5/2019	8/6/2019	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					

CO

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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

SAMPLED BY: MI
J. ROSSI/COMPLIANCE

SAMPLE MATRIX: SOIL

SAMPLE ID: B-14 5"-9"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 8

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

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>Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	8/5/2019	8/6/2019	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					

CO

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: COMPLIANCE INC.
PROJECT NO: 4268
LOCATION: MAREK PARCEL

MI
SAMPLED BY: J. ROSSI/COMPLIANCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 072919-2 - 6
DATE SAMPLED: 7/26/2019
TIME SAMPLED:

DATE RECEIVED: 7/29/2019
TIME RECEIVED: 10:00 AM
SAMPLE ID: B-13 0"-4"

PCB 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>Complete</u>	<u>Prep Method</u>
AROCLOR 1016	ND	330	ug/Kg (PPB)	KC/TR	8/3/2019	8/6/2019	EPA 3550B
AROCLOR 1221	ND	330					
AROCLOR 1232	ND	330					
AROCLOR 1242	ND	330					
AROCLOR 1248	ND	330					
AROCLOR 1254	ND	330					
AROCLOR 1260	ND	330					

CO

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT
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: COMPLIANCE INC.
PROJECT NO: 4268
LOCATION: MAREK PARCEL

MI
SAMPLED BY: J. ROSSI/COMPLIANCE
SAMPLE MATRIX: SOIL

GTA PROJECT NO: 072919-2 - 8
DATE SAMPLED: 7/26/2019
TIME SAMPLED:

DATE RECEIVED: 7/29/2019
TIME RECEIVED: 10:00 AM
SAMPLE ID: B-14 5"-9"

PCB 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>Complete</u>	<u>Prep Method</u>
AROCLOR 1016	ND	330	ug/Kg (PPB)	KC/TR	8/3/2019	8/6/2019	EPA 3550B
AROCLOR 1221	ND	330					
AROCLOR 1232	ND	330					
AROCLOR 1242	ND	330					
AROCLOR 1248	ND	330					
AROCLOR 1254	ND	330					
AROCLOR 1260	ND	330					

CO

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT
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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

MI

SAMPLED BY: J. ROSSI/COMPLIANCE

SAMPLE ID: B-11 0"-6"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 2

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 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	2.5	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
BARIUM TOTAL EPA 6020A	42	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
CADMIUM TOTAL EPA 6020A	2.1	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
CHROMIUM TOTAL EPA 6020A	19	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
COPPER TOTAL EPA 6020A	320	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
LEAD TOTAL EPA 6020A	270	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
MERCURY TOTAL EPA 7471B	0.089	0.015	mg/Kg (PPM)	MR	8/6/2019	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.31	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
ZINC TOTAL EPA 6020A	180	3.1	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B

CO

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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

MI

SAMPLED BY: J. ROSSI/COMPLIANCE

SAMPLE ID: B-12 0-6"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 4

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 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	1.4	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
BARIUM TOTAL EPA 6020A	42	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
CADMIUM TOTAL EPA 6020A	1.4	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
CHROMIUM TOTAL EPA 6020A	8.4	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
COPPER TOTAL EPA 6020A	36	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
LEAD TOTAL EPA 6020A	76	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
MERCURY TOTAL EPA 7471B	0.12	0.013	mg/Kg (PPM)	MR	8/6/2019	EPA 7471
SELENIUM TOTAL EPA 6020A	ND	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
SILVER TOTAL EPA 6020A	ND	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
ZINC TOTAL EPA 6020A	150	2.8	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B

CO

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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

SAMPLED BY: MI

J. ROSSI/COMPLIANCE

SAMPLE ID: B-13 0"-4"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 6

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 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	2.1	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
LEAD TOTAL EPA 6020A	26	0.28	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B

CO

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: COMPLIANCE INC.

PROJECT NO: 4268

LOCATION: MAREK PARCEL

SAMPLED BY: MI

J. ROSSI/COMPLIANCE

SAMPLE ID: B-14 5"-9"

GTA PROJECT NO: 072919-2

GTA SAMPLE NO: 8

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 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	3.4	0.38	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B
LEAD TOTAL EPA 6020A	35	0.38	mg/Kg (PPM)	MR/TR	8/2/2019	EPA 3050B

CO

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: COMPLIANCE INC.

NAME:

PROJECT NO: 4268

LOCATION: MAREK PARCEL

MI

GTA PROJECT NO: 072919-2

SAMPLED BY: J. ROSSI/COMPLIANCE

DATE SAMPLED: 7/26/2019

TIME SAMPLED:

SAMPLE MATRIX: SOIL

DATE RECEIVED: 7/29/2019

TIME RECEIVED: 10:00 AM

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
SAMPLE ID: B-10 3.5'	% MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-11 0"-6"	% MOISTURE EPA 3550C	12	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-11 4'	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-12 0-6"	% MOISTURE EPA 3550C	3.1	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-12 4'	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-13 0"-4"	% MOISTURE EPA 3550C	12	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-13 2'	% MOISTURE EPA 3550C	7.7	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-14 5"-9"	% MOISTURE EPA 3550C	23	0.050	% OF SAMPLE	AS	7/30/2019
SAMPLE ID: B-14 2'	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	7/30/2019

2

CHAIN OF CUSTODY

PROJECT NUMBER 4268	SITE NAME/ADDRESS Marek Parcel	COMPANY/NAME Compliance, Inc
SAMPLED BY J. Rossi / B. Pankss	COMPANY Compliance	GTA PROJECT # 072919-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	B-10 3.5'	7-26-19		Soil	Full VOCs
2	B-11 0'-6"				PNA _s , Mich 10 Metals
3	B-11 4'				BTEX, TMB _s , Naph, 2-MN
4	B-12 0'-6"				Full SVOC _s , Mich 10 Metals
5	B-12 4'				BTEX, TMB _s , Naph, 2-MN
6	B-13 0'-4"				PCB _s , PNA _s , Pb, As
7	B-13 2'				BTEX, TMB _s , Naph, 2-MN
8	B-14 5"-9"				PCB _s , PNA _s , As, Pb
9	B-14 2'				Full VOCs

BILL TO:

REPORT TO:

RELEASED BY J. Rossi	DATE/TIME 7-29-19 10:00am	RECEIVED BY K. Ch	DATE/TIME 7/29/19 10:00am

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