



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: 4275
GTA ProjNo: 082619-3

Site Addr: HILLTOP SHOPPING CENTER

Sampled By: JR/DH - COMPLIANCE
Date Rec: 8/26/2019
Time Rec: 9:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	T-1 FILL 1'	8/22/2019		SOIL
2	T-2 FILL 3'	8/22/2019		SOIL
3	T-3 FILL 3'	8/22/2019		SOIL
4	B-7 4'	8/22/2019		SOIL
5	B-7 10'	8/22/2019		SOIL
6	B-8 4'	8/22/2019		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
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830 Robinwood Court
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COMPANY: COMPLIANCE INC.
 PROJECT NO: 4275
 LOCATION: HILLTOP SHOPPING CENTER

 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: T-1 FILL 1'

GTA PROJECT NO: 082619-3
 GTA SAMPLE NO: 1
 DATE SAMPLED: 8/22/2019
 TIME SAMPLED:
 DATE RECEIVED: 8/26/2019
 TIME RECEIVED: 9:00 AM

SAMPLED BY: JR/DH - 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	96	50	ug/Kg (PPB)	MR	8/22/2019	8/27/2019	EPA 5035A
Toluene	1,000	50					
Ethylbenzene	240	50					
Xylene(Total)	1,800	150					
1,2,4-Trimethylbenzene	650	50					
1,3,5-Trimethylbenzene	210	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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



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COMPANY: COMPLIANCE INC.
 PROJECT NO: 4275
 LOCATION: HILLTOP SHOPPING CENTER
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: T-2 FILL 3'

GTA PROJECT NO: 082619-3
 GTA SAMPLE NO: 2
 DATE SAMPLED: 8/22/2019
 TIME SAMPLED:
 DATE RECEIVED: 8/26/2019
 TIME RECEIVED: 9:00 AM

SAMPLED BY: JR/DH - 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	8/22/2019	8/26/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: COMPLIANCE INC.
 PROJECT NO: 4275
 LOCATION: HILLTOP SHOPPING CENTER

 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: B-7 4'

GTA PROJECT NO: 082619-3
 GTA SAMPLE NO: 4
 DATE SAMPLED: 8/22/2019
 TIME SAMPLED:
 DATE RECEIVED: 8/26/2019
 TIME RECEIVED: 9:00 AM

SAMPLED BY: JR/DH - 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	8/22/2019	8/27/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	82	50					
1,3,5-Trimethylbenzene	142	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	400	250					

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COMPANY: COMPLIANCE INC.
 PROJECT NO: 4275
 LOCATION: HILLTOP SHOPPING CENTER

GTA PROJECT NO: 082619-3
 GTA SAMPLE NO: 5

DATE SAMPLED: 8/22/2019
 TIME SAMPLED:
 DATE RECEIVED: 8/26/2019
 TIME RECEIVED: 9:00 AM

MI

SAMPLE MATRIX: SOIL
 SAMPLE ID: B-7 10'

SAMPLED BY: JR/DH - 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	8/22/2019	8/27/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: COMPLIANCE INC.
 PROJECT NO: 4275
 LOCATION: HILLTOP SHOPPING CENTER

 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: B-8 4'

GTA PROJECT NO: 082619-3
 GTA SAMPLE NO: 6
 DATE SAMPLED: 8/22/2019
 TIME SAMPLED:
 DATE RECEIVED: 8/26/2019
 TIME RECEIVED: 9:00 AM

SAMPLED BY: JR/DH - 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	8/22/2019	8/27/2019	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Methyl-t-Butyl Ether	ND	250					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: COMPLIANCE INC.
 PROJECT NO: 4275
 LOCATION: HILLTOP SHOPPING CENTER

GTA PROJECT NO: 082619-3
 GTA SAMPLE NO: 4

DATE SAMPLED: 8/22/2019
 TIME SAMPLED:

SAMPLED BY: MI
 JR/DH - COMPLIANCE

DATE RECEIVED: 8/26/2019
 TIME RECEIVED: 9:00 AM

SAMPLE MATRIX: SOIL
 SAMPLE ID: B-7 4'

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/3/2019	9/5/2019	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					
Phenanthrene	ND	330					
Pyrene	ND	330					

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

COMPANY: COMPLIANCE INC.
PROJECT NO: 4275
LOCATION: HILLTOP SHOPPING CENTER

GTA PROJECT NO: 082619-3
GTA SAMPLE NO: 5

DATE SAMPLED: 8/22/2019
TIME SAMPLED:

SAMPLED BY: MI
JR/DH - COMPLIANCE

DATE RECEIVED: 8/26/2019
TIME RECEIVED: 9:00 AM

SAMPLE MATRIX: SOIL
SAMPLE ID: B-7 10'

PNA EPA 8270D (SIM)

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Acenaphthene	ND	330	ug/Kg (PPB)	KC/TR	9/3/2019	9/5/2019	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					
Phenanthrene	ND	330					
Pyrene	ND	330					

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NAME:
PROJECT NO: 4275

LOCATION: HILLTOP SHOPPING CENTER

MI

GTA PROJECT NO: 082619-3
SAMPLED BY: JR/DH - COMPLIANCE

DATE SAMPLED: 8/22/2019
TIME SAMPLED:

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/26/2019
TIME RECEIVED: 9:00 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: T-1 FILL 1' % MOISTURE EPA 3550C	2.6	0.050	% OF SAMPLE	TR	8/26/2019
	SAMPLE ID: T-2 FILL 3' % MOISTURE EPA 3550C	3.4	0.050	% OF SAMPLE	TR	8/26/2019
	SAMPLE ID: T-3 FILL 3' % MOISTURE EPA 3550C	3.9	0.050	% OF SAMPLE	TR	8/26/2019
	SAMPLE ID: B-7 4' % MOISTURE EPA 3550C	7.4	0.050	% OF SAMPLE	TR	8/26/2019
	SAMPLE ID: B-7 10' % MOISTURE EPA 3550C	2.7	0.050	% OF SAMPLE	TR	8/26/2019
	SAMPLE ID: B-8 4' % MOISTURE EPA 3550C	4.6	0.050	% OF SAMPLE	TR	8/26/2019

CHAIN OF CUSTODY

PROJECT NUMBER 4275	SITE NAME/ADDRESS Hilltop Shopping Center	COMPANY/NAME Compliance/BLOC
SAMPLED BY JR PH	COMPANY Compliance	GTA PROJECT # 082619-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	T-1 Fill 1'	8-22-19		Soil	Unleaded Gas Scan
2	T-2 Fill 3'	↓		↓	" " "
3	T-3 Fill 3'		" " "		PNA _s
4	B-7 4'		" " "		PNA _s
5	B-7 10'		" " "		PNA _s
6	B-8 4'		" " "		PNA _s

BILL TO: Compliance	REC 4.8%	REPORT TO: Jim Ross
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RELEASED BY Ray Judd	DATE/TIME 8/26/19 8:35 AM	RECEIVED BY [Signature]	DATE/TIME 8-26-19 9A
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REQUESTED TAT **STANDARD** **1 BUSINESS DAY** **2 BUSINESS DAYS** **3 BUSINESS DAYS**