



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: BCOOC
Name:
ClientProj: 3876
GTA ProjNo: 050619-1

Site Addr: PARKVIEW SERVICE CENTER (WASTE OIL)
302 W. LUDINGTON AVE
LUDINGTON
Sampled By: DOUG HULL/COMPLIANCE INC.

Date Rec: 5/6/2019
Time Rec: 11:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-13	5/3/2019		WATER
2	MW-19	5/3/2019		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 L Chase

Kirk L. Chase/Chemist
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INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

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COMPANY: BLARNEY CASTLE
 PROJECT NO: 3876
 LOCATION: PARKVIEW SERVICE CENTER (WASTE OIL)
 302 W. LUDINGTON AVE
 LUDINGTON
 SAMPLED BY: DOUG HULL/COMPLIANCE INC.
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

GTA PROJECT NO: 050619-1
 GTA SAMPLE NO: 1
 DATE SAMPLED: 5/3/2019
 TIME SAMPLED:
 DATE RECEIVED: 5/6/2019
 TIME RECEIVED: 11:15 AM

EPA 8260B VOLATILE ORGANICS

Units= ug/L (PPB)

Analyst= MR

Date

Date Completed= 5/6/2019

Prep

EPA 5030B

Analyte	Concentration	LOD	Analyte	Concentration	LOD
ACETONE	ND	25	cis-1,3-DICHLOROPROPENE	ND	1.0
ALLYL CHLORIDE	ND	10	trans-1,3-DICHLOROPROPENE	ND	1.0
BENZENE	ND	1.0	DIETHYL ETHER	ND	10
BROMOBENZENE	ND	1.0	ETHYLBENZENE	ND	1.0
BROMOCHLOROMETHANE	ND	1.0	ETHYL METHACRYLATE	ND	10
BROMODICHLOROMETHANE	ND	1.0	HEXACHLOROBUTADIENE	ND	1.0
BROMOFORM	ND	1.0	HEXACHLOROETHANE	ND	10
BROMOMETHANE	ND	1.0	2-HEXANONE	ND	10
n-BUTYLBENZENE	47	1.0	IDOMETHANE	ND	10
s-BUTYLBENZENE	ND	1.0	ISOPROPYLBENZENE	17	1.0
t-BUTYLBENZENE	5.9	1.0	ISOPROPYLTOLUENE	8.6	1.0
CARBON DISULFIDE	ND	5.0	METHYL ACRYLATE	ND	10
CARBON TETRACHLORIDE	ND	1.0	METHYL ETHYL KETONE	ND	10
CHLOROENZENE	ND	1.0	METHYL-t-BUTYL ETHER	ND	5.0
1-CHLOROBUTANE	ND	1.0	METHYLENE CHLORIDE	ND	1.0
CHLOROFORM	ND	1.0	METHYL METHACRYLATE	ND	10
CHLOROETHANE	ND	1.0	MIBK	ND	10
CHLOROMETHANE	ND	1.0	2-METHYLNAPHTHALENE	ND	5.0
2-CHLOROTOLUENE	ND	1.0	NAPHTHALENE	28	5.0
4-CHLOROTOLUENE	ND	1.0	PENTACHLOROETHANE	ND	10
DIBROMOCHLOROMETHANE	ND	1.0	n-PROPYLBENZENE	34	1.0
DIBROMOMETHANE	ND	1.0	STYRENE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0	1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0	1,1,2,2-TETRACHLOROETHANE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0	TETRACHLOROETHENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0	TOLUENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10	1,2,3-TRICHLOROENZENE	ND	1.0
DICHLORODIFLUOROMETHANE	ND	1.0	1,2,4-TRICHLOROENZENE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0	1,1,1-TRICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0	1,1,2-TRICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0	TRICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0	TRICHLORFLUOROMETHANE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0	1,2,3-TRICHLOROPROPANE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0	1,2,4-TRIMETHYLBENZENE	840	20
1,3-DICHLOROPROPANE	ND	1.0	1,3,5-TRIMETHYLBENZENE	280	20
2,2-DICHLOROPROPANE	ND	1.0	VINYL CHLORIDE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0	XYLENE (TOTAL)	4.7	3.0

ND = NOT DETECTED, RESULT IS <LOD.
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COMPANY: BLARNEY CASTLE
 PROJECT NO: 3876
 LOCATION: PARKVIEW SERVICE CENTER (WASTE OIL)
 302 W. LUDINGTON AVE
 LUDINGTON
 SAMPLED BY: DOUG HULL/COMPLIANCE INC.
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-19

GTA PROJECT NO: 050619-1
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/3/2019
 TIME SAMPLED:
 DATE RECEIVED: 5/6/2019
 TIME RECEIVED: 11:15 AM

EPA 8260B VOLATILE ORGANICS

<u>Units</u> = ug/L (PPB)	<u>Analyst</u> = MR	<u>Date</u>	<u>Date Completed</u> = 5/6/2019	<u>Prep</u>	EPA 5030B
<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>	<u>Analyte</u>	<u>Concentration</u>	<u>LOD</u>
ACETONE	ND	25	cis-1,3-DICHLOROPROPENE	ND	1.0
ALLYL CHLORIDE	ND	10	trans-1,3-DICHLOROPROPENE	ND	1.0
BENZENE	ND	1.0	DIETHYL ETHER	ND	10
BROMOBENZENE	ND	1.0	ETHYLBENZENE	2.4	1.0
BROMOCHLOROMETHANE	ND	1.0	ETHYL METHACRYLATE	ND	10
BROMODICHLOROMETHANE	ND	1.0	HEXACHLOROBUTADIENE	ND	1.0
BROMOFORM	ND	1.0	HEXACHLOROETHANE	ND	10
BROMOMETHANE	ND	1.0	2-HEXANONE	ND	10
n-BUTYLBENZENE	13	1.0	IDOMETHANE	ND	10
s-BUTYLBENZENE	7.1	1.0	ISOPROPYLBENZENE	4.4	1.0
t-BUTYLBENZENE	1.2	1.0	ISOPROPYLTOLUENE	21	1.0
CARBON DISULFIDE	ND	5.0	METHYL ACRYLATE	ND	10
CARBON TETRACHLORIDE	ND	1.0	METHYL ETHYL KETONE	ND	10
CHLOROENZENE	ND	1.0	METHYL-t-BUTYL ETHER	ND	5.0
1-CHLOROBUTANE	ND	1.0	METHYLENE CHLORIDE	ND	1.0
CHLOROFORM	ND	1.0	METHYL METHACRYLATE	ND	10
CHLOROETHANE	ND	1.0	MIBK	ND	10
CHLOROMETHANE	ND	1.0	2-METHYLNAPHTHALENE	ND	5.0
2-CHLOROTOLUENE	ND	1.0	NAPHTHALENE	20	5.0
4-CHLOROTOLUENE	ND	1.0	PENTACHLOROETHANE	ND	10
DIBROMOCHLOROMETHANE	ND	1.0	n-PROPYLBENZENE	8.3	1.0
DIBROMOMETHANE	ND	1.0	STYRENE	ND	1.0
1,2-DIBROMOETHANE	ND	1.0	1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,2-DICHLOROENZENE	ND	1.0	1,1,2,2-TETRACHLOROETHANE	ND	1.0
1,3-DICHLOROENZENE	ND	1.0	TETRACHLOROETHENE	ND	1.0
1,4-DICHLOROENZENE	ND	1.0	TOLUENE	ND	1.0
t-1,4-DICHLORO-2-BUTENE	ND	10	1,2,3-TRICHLOROENZENE	ND	1.0
DICHLORODIFLUOROMETHANE	ND	1.0	1,2,4-TRICHLOROENZENE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0	1,1,1-TRICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0	1,1,2-TRICHLOROETHANE	ND	1.0
1,1-DICHLOROETHENE	ND	1.0	TRICHLOROETHENE	ND	1.0
cis-1,2-DICHLOROETHENE	ND	1.0	TRICHLORFLUOROMETHANE	ND	1.0
trans-1,2-DICHLOROETHENE	ND	1.0	1,2,3-TRICHLOROPROPANE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0	1,2,4-TRIMETHYLBENZENE	230	1.0
1,3-DICHLOROPROPANE	ND	1.0	1,3,5-TRIMETHYLBENZENE	85	1.0
2,2-DICHLOROPROPANE	ND	1.0	VINYL CHLORIDE	ND	1.0
1,1-DICHLOROPROPENE	ND	1.0	XYLENE (TOTAL)	35	3.0

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COMPANY:	BLARNEY CASTLE	GTA PROJECT NO:	050619-1
PROJECT NO:	3876	GTA SAMPLE NO:	1
LOCATION:	PARKVIEW SERVICE CENTER (WASTE OIL) 302 W. LUDINGTON AVE LUDINGTON MI	DATE SAMPLED:	5/3/2019
SAMPLED BY:	DOUG HULL/COMPLIANCE INC.	TIME SAMPLED:	
SAMPLE MATRIX:	WATER	DATE RECEIVED:	5/6/2019
SAMPLE ID:	MW-13	TIME RECEIVED:	11:15 AM

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	5.0	ug/L (PPB)	KC/TR	5/8/2019	5/8/2019	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT IS <LOD.
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COMPANY: BLARNEY CASTLE
 PROJECT NO: 3876
 LOCATION: PARKVIEW SERVICE CENTER (WASTE OIL)
 302 W. LUDINGTON AVE
 LUDINGTON
 MI
 SAMPLED BY: DOUG HULL/COMPLIANCE INC.
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-19

GTA PROJECT NO: 050619-1
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/3/2019
 TIME SAMPLED:
 DATE RECEIVED: 5/6/2019
 TIME RECEIVED: 11:15 AM

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	5.0	ug/L (PPB)	KC/TR	5/8/2019	5/8/2019	EPA 3511
Acenaphthylene	ND	5.0					
Anthracene	ND	5.0					
Benzo(a)anthracene	ND	1.0					
Benzo(b)fluoranthene	ND	1.0					
Benzo(k)fluoranthene	ND	1.0					
Benzo(a)pyrene	ND	1.0					
Benzo(ghi)perylene	ND	2.0					
2-Chloronaphthalene	ND	5.0					
Chrysene	ND	1.0					
Dibenz(ah)anthracene	ND	2.0					
Fluoranthene	ND	1.0					
Fluorene	ND	5.0					
Indeno(123-cd)pyrene	ND	2.0					
Phenanthrene	ND	2.0					
Pyrene	ND	5.0					

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

CHAIN OF CUSTODY

PROJECT NUMBER 3876	SITE NAME/ADDRESS <i>Parkview Service Center (waste oil) 302 W. Ludington Ave., Ludington, MI</i>	COMPANY/NAME <i>Blarney Castle Oil Co.</i>
SAMPLED BY <i>Doug Hull</i>	COMPANY <i>Compliance, Inc.</i>	GTA PROJECT # 050619-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-13	5-3-19		H2O	(A)(B) (A) Full VOCs
2	MW-19	5-3-19		H2O	(A)(B) (B) PNA's

BILL TO: <i>Compliance, Inc.</i>	REPORT TO: <i>Doug Hull</i>
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RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<i>Doug Hull</i>	5-3-19 / 8:10 PM	<i>Compliance, Inc.</i>	4° storage / 8:10 PM
<i>Compliance, Inc.</i>	5-6-19 / 10:57 AM	<i>Doug Hull</i>	5-8-19 10:45 AM
<i>Doug Hull</i>	5-6-19 11:45	<i>K. J. M.</i>	5/6/19 11:15 am

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