



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: CIRCLE K/HOLIDAY
Name:
ClientProj: 2021816001.01
GTA ProjNo: 100821-4

Site Addr: HOLIDAY #204
ST. IGNACE
Sampled By: JOSHUA GERRIE/GCES
Date Rec: 10/8/2021
Time Rec: 11:06 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	10/7/2021	1:21 PM	WATER
2	MW-3	10/7/2021	10:41 AM	WATER
3	MW-4	10/7/2021	12:12 PM	WATER
4	MW-5	10/7/2021	2:42 PM	WATER
5	MW-7	10/7/2021	3:11 PM	WATER
6	MW-8	10/7/2021	11:27 AM	WATER
7	MW-10S	10/7/2021	1:40 PM	WATER
8	MW-10D	10/7/2021	2:00 PM	WATER
9	MW-11	10/7/2021	10:11 AM	WATER
10	MW-14A	10/7/2021	9:22 AM	WATER
11	MW-14B	10/7/2021	8:53 AM	WATER
12	DUPLICATE	10/7/2021		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
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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 1
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 1:21 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	1,700	50	ug/L (PPB)	MR		10/10/2021	EPA 5030B
Toluene	560	50					
Ethylbenzene	1,300	50					
Xylene(Total)	4,900	150					
1,2,4-Trimethylbenzene	1,800	50					
1,3,5-Trimethylbenzene	470	50					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	290	5.0					
2-Methylnaphthalene	150	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 10:41 AM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

COMPANY: CIRCLE K/HOLIDAY
PROJECT NO: 2021816001.01
LOCATION: HOLIDAY #204
ST. IGNACE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 100821-4
GTA SAMPLE NO: 3
DATE SAMPLED: 10/7/2021
TIME SAMPLED: 12:12 PM
DATE RECEIVED: 10/8/2021
TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

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	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 2:42 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	120	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	8.9	1.0					
Ethylbenzene	36	1.0					
Xylene(Total)	240	3.0					
1,2,4-Trimethylbenzene	27	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	160	5.0					
2-Methylnaphthalene	110	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 3:11 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 11:27 AM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10S

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 7
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 1:40 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	3.0	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10D

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 8
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 2:00 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	700	10	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	40	10					
Ethylbenzene	590	10					
Xylene(Total)	870	30					
1,2,4-Trimethylbenzene	590	10					
1,3,5-Trimethylbenzene	21	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	230	5.0					
2-Methylnaphthalene	130	5.0					

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

COMPANY: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-11

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 9
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 10:11 AM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

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	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	5.9	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14A

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 10
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 9:22 AM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

COMPANY: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14B

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 11
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 8:53 AM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

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	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: CIRCLE K/HOLIDAY
 PROJECT NO: 2021816001.01
 LOCATION: HOLIDAY #204
 ST. IGNACE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: DUPLICATE

GTA PROJECT NO: 100821-4
 GTA SAMPLE NO: 12
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED:
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 11:06 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

CHAIN OF CUSTODY

PROJECT NUMBER 2021816001.01	SITE NAME/ADDRESS Holiday #204 - St. Ignace	COMPANY/NAME Circle K / Holiday
SAMPLED BY Joshua Gervie	COMPANY Gosling Czubak	GTA PROJECT # 100821-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-1	10-7-21	1321	GW	BTEX, 1,2,4 TMB, 1,3,5 TMB, MTBE, Naphthalene, & 2-methylnaphthalene	
2	MW-3	↓	1041	↓		
3	MW-4		1212			
4	MW-5		1442			
5	MW-7		1511			
6	MW-8		1127			
7	MW-10s		1340			
8	MW-10d		1400			
9	MW-11		1011			
10	MW-14A		0922			
11	MW-14B		0853			
12	Duplicate		↓			—

BILL TO: GCT'S	TempRec: <input type="checkbox"/> -1.9°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Adam Segertine
--------------------------	---	--	-------------------------------------

RELEASED BY [Signature]	DATE/TIME 10/7/21/1900	RECEIVED BY GCT'S GWD SOURCE	DATE/TIME 10/7/21/1900
GCT'S GWD SOURCE (GP)	10/8/2021 10:45	[Signature]	10/8/21 10:06am

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