

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: PROACTIVE ENVIRONMENTAL CONCEPTS Site Addr: LITTLE JOHNS
Name:
ClientProj: 1409
GTA ProjNo: 041323-4
Sampled By: RLQ/NSQ - PEC
Date Rec: 4/13/2023
Time Rec: 12:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	TRIP	4/11/2023	7:06 AM	WATER
2	MW-8	4/11/2023	12:51 PM	WATER
3	MW-6	4/11/2023	9:45 AM	WATER
4	MW-7	4/11/2023	12:28 PM	WATER
5	MW-2	4/11/2023	10:30 AM	WATER
6	MW-10	4/11/2023	11:58 AM	WATER
7	MW-3D	4/11/2023	10:43 AM	WATER
8	MW-4	4/11/2023	10:05 AM	WATER
9	MW-2 (DUP)	4/11/2023	10:30 AM	WATER
10	FIELD	4/11/2023	10:58 AM	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
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COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 1
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
MI TIME SAMPLED: 7:06 AM
DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: TRIP SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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

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COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 2
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 12:51 PM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8 SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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					

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LOD = LIMIT OF DETECTION

COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 3
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 9:45 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6 SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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					

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COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 4
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 12:28 PM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7 SAMPLED BY: RLQ/NSQ - PEC

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	210	10	ug/L (PPB)	MR		4/17/2023	EPA 5030B
Toluene	3.7	1.0					
Ethylbenzene	7.0	1.0					
Xylene(Total)	17	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					

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LOD = LIMIT OF DETECTION

COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 5
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 10:30 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2 SAMPLED BY: RLQ/NSQ - PEC

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	9.5	1.0	ug/L (PPB)	MR		4/17/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	34	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	2.9	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					

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LOD = LIMIT OF DETECTION

COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 6
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 11:58 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10 SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 7
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 10:43 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3D SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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					

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COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 8
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 10:05 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4 SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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					

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LOD = LIMIT OF DETECTION

COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 9
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 10:30 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2 (DUP) SAMPLED BY: RLQ/NSQ - PEC

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	9.0	1.0	ug/L (PPB)	MR		4/17/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	33	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.
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LOD = LIMIT OF DETECTION

COMPANY: PROACTIVE ENVIRONMENTAL CONCEPTS GTA PROJECT NO: 041323-4
PROJECT NO: 1409 GTA SAMPLE NO: 10
LOCATION: LITTLE JOHNS DATE SAMPLED: 4/11/2023
TIME SAMPLED: 10:58 AM
MI DATE RECEIVED: 4/13/2023
TIME RECEIVED: 12:45 PM
SAMPLE MATRIX: WATER
SAMPLE ID: FIELD SAMPLED BY: RLQ/NSQ - PEC

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		4/17/2023	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					

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CHAIN OF CUSTODY

PROJECT NUMBER 1409	SITE NAME/ADDRESS Little Johns	COMPANY/NAME 331 Franklin
SAMPLED BY RHQ/MSQ	COMPANY Protective Environmental Concepts, LLC	GTA PROJECT # 041323-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	TRIP	11 APR '23	7:06	WATER	JLG
2	MW-8	11 APR '23	12:51	"	
3	MW-6	11 APR '23	9:45	"	
4	MW-7	11 APR '23	12:28	"	
5	MW-2	11 APR '23	10:30	"	
6	MW-10	11 APR '23	11:58	"	
7	MW-3D	11 APR '23	10:43	"	
8	MW-4	11 APR '23	10:05	"	
9	MW-2 (dup)	11 APR '23	10:30	"	
10	Field	11 APR '23	10:58	"	

BILL TO:	TempRec: ☐ 1.8°C	On Ice? ☒ Y ☐ N	REPORT TO:
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RELEASED BY R. Quintana	DATE/TIME 12 APR '23 5:20	RECEIVED BY UPS	DATE/TIME 12 APR '23 5:20
			4/13/23 12:45

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