



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: WHITE PINE PRODUCTION
Name:
ClientProj: 20-157A
GTA ProjNo: 100523-7

Site Addr: JOSEPH 1
Sampled By: WPM/OMPC
Date Rec: 10/5/2023
Time Rec: 4:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1D	10/5/2023	1:20 PM	WATER
2	MW-2	10/5/2023	2:10 PM	WATER
3	MW-3D	10/5/2023	12:15 PM	WATER
4	MW-4	10/5/2023	12:50 PM	WATER
5	MW-8	10/5/2023	1:30 PM	WATER
6	MW-9	10/5/2023	2:25 PM	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
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COMPANY: WHITE PINE PRODUCTION
PROJECT NO: 20-157A
LOCATION: JOSEPH 1
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1D

GTA PROJECT NO: 100523-7
GTA SAMPLE NO: 1
DATE SAMPLED: 10/5/2023
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 10/5/2023
TIME RECEIVED: 4:20 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	1.4	1.0	ug/L (PPB)	MR		10/6/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	2.6	1.0					
Xylene(Total)	ND	3.0					

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



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COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 2:10 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/6/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3D

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 12:15 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

SAMPLED BY: WPM/OMPC

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 Completed</u>	<u>Prep Method</u>
Benzene	1.8	1.0	ug/L (PPB)	MR		10/6/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-4

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 12:50 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

SAMPLED BY: WPM/OMPC

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 Completed</u>	<u>Prep Method</u>
Benzene	4.5	1.0	ug/L (PPB)	MR		10/6/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 1:30 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/6/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-9

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 2:25 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	1.0	1.0	ug/L (PPB)	MR		10/6/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	3.3	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: WHITE PINE PRODUCTION
PROJECT NO: 20-157A
LOCATION: JOSEPH 1

GTA PROJECT NO: 100523-7
GTA SAMPLE NO: 1
DATE SAMPLED: 10/5/2023
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 10/5/2023
TIME RECEIVED: 4:20 PM

MI
SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-1D						
	CHLORIDE EPA 300.0	220	10	mg/L (PPM)	KC/TR	10/17/2023	WATER
	CONDUCTIVITY SM2510-B	1,200	1.0	uS/cm@25C	TR	10/16/2023	WATER

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s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED



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COMPANY: WHITE PINE PRODUCTION
PROJECT NO: 20-157A
LOCATION: JOSEPH 1

GTA PROJECT NO: 100523-7
GTA SAMPLE NO: 2
DATE SAMPLED: 10/5/2023
TIME SAMPLED: 2:10 PM
DATE RECEIVED: 10/5/2023
TIME RECEIVED: 4:20 PM

MI
SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-2						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/17/2023	WATER
	CONDUCTIVITY SM2510-B	880	1.0	uS/cm@25C	TR	10/16/2023	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 12:15 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

MI
 SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-3D						
	CHLORIDE EPA 300.0	110	10	mg/L (PPM)	KC/TR	10/17/2023	WATER
	CONDUCTIVITY SM2510-B	990	1.0	uS/cm@25C	TR	10/16/2023	WATER

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COMPANY: WHITE PINE PRODUCTION
PROJECT NO: 20-157A
LOCATION: JOSEPH 1

GTA PROJECT NO: 100523-7
GTA SAMPLE NO: 4
DATE SAMPLED: 10/5/2023
TIME SAMPLED: 12:50 PM
DATE RECEIVED: 10/5/2023
TIME RECEIVED: 4:20 PM

MI
SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/17/2023	WATER
	CONDUCTIVITY SM2510-B	810	1.0	uS/cm@25C	TR	10/16/2023	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

COMPANY: WHITE PINE PRODUCTION
 PROJECT NO: 20-157A
 LOCATION: JOSEPH 1

GTA PROJECT NO: 100523-7
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/5/2023
 TIME SAMPLED: 1:30 PM
 DATE RECEIVED: 10/5/2023
 TIME RECEIVED: 4:20 PM

MI
 SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-8						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/17/2023	WATER
	CONDUCTIVITY SM2510-B	580	1.0	uS/cm@25C	TR	10/16/2023	WATER

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 LOD = LIMIT OF DETECTION
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 DISS = DISSOLVED



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COMPANY: WHITE PINE PRODUCTION
PROJECT NO: 20-157A
LOCATION: JOSEPH 1

GTA PROJECT NO: 100523-7
GTA SAMPLE NO: 6
DATE SAMPLED: 10/5/2023
TIME SAMPLED: 2:25 PM
DATE RECEIVED: 10/5/2023
TIME RECEIVED: 4:20 PM

MI
SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-9						
	CHLORIDE EPA 300.0	14	10	mg/L (PPM)	KC/TR	10/17/2023	WATER
	CONDUCTIVITY SM2510-B	760	1.0	uS/cm@25C	TR	10/16/2023	WATER

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s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

CHAIN OF CUSTODY

PROJECT NUMBER 20-157A	SITE NAME/ADDRESS Joseph 1	COMPANY/NAME White Pine
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 100523-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1d	10-5-23	1320	H ₂ O	BTEX, Chlorides, Conductivity
2	MW-2	↓	1410	↓	↓
3	MW-3d	↓	1215	↓	↓
4	MW-4	↓	1258	↓	↓
5	MW-8	↓	1330	↓	↓
6	MW-9	↓	1425	↓	↓

BILL TO:	TempRec: <input type="checkbox"/> Y <input type="checkbox"/> N On Ice? <input type="checkbox"/> <input type="checkbox"/> S.O.C.	REPORT TO: Dan Barton
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RELEASED BY [Signature]	DATE/TIME 10-5-23 1620	RECEIVED BY [Signature]	DATE/TIME 10-5-23 1620
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS