



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: WHITE PINE PRODUCTION  
Name:  
ClientProj: 20-157A  
GTA ProjNo: 012524-6

Site Addr: JOSEPH 1  
Sampled By: WPM/OMPC  
Date Rec: 1/25/2024  
Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1D	1/24/2024	11:40 AM	WATER
2	MW-2	1/24/2024	1:40 PM	WATER
3	MW-3D	1/24/2024	11:00 AM	WATER
4	MW-4	1/24/2024	1:05 PM	WATER
5	MW-8	1/24/2024	12:30 PM	WATER
6	MW-9	1/24/2024	2:30 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.

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COMPANY:	WHITE PINE PRODUCTION	GTA PROJECT NO:	012524-6
PROJECT NO:	20-157A	GTA SAMPLE NO:	1
LOCATION:	JOSEPH 1	DATE SAMPLED:	1/24/2024
		TIME SAMPLED:	11:40 AM
		DATE RECEIVED:	1/25/2024
	MI	TIME RECEIVED:	4:05 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	WPM/OMPC
SAMPLE ID:	MW-1D		

**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	ND	1.0	ug/L (PPB)	MR		1/28/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	1.6	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
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: WHITE PINE PRODUCTION  
 PROJECT NO: 20-157A  
 LOCATION: JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-2

GTA PROJECT NO: 012524-6  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 1/24/2024  
 TIME SAMPLED: 1:40 PM  
 DATE RECEIVED: 1/25/2024  
 TIME RECEIVED: 4:05 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	ND	1.0	ug/L (PPB)	MR		1/30/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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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: 012524-6  
GTA SAMPLE NO: 3

DATE SAMPLED: 1/24/2024  
TIME SAMPLED: 11:00 AM  
DATE RECEIVED: 1/25/2024  
TIME RECEIVED: 4:05 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	1.1	1.0	ug/L (PPB)	MR		1/28/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	WHITE PINE PRODUCTION	GTA PROJECT NO:	012524-6
PROJECT NO:	20-157A	GTA SAMPLE NO:	4
LOCATION:	JOSEPH 1	DATE SAMPLED:	1/24/2024
		TIME SAMPLED:	1:05 PM
		DATE RECEIVED:	1/25/2024
	MI	TIME RECEIVED:	4:05 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	WPM/OMPC
SAMPLE ID:	MW-4		

**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	400	10	ug/L (PPB)	MR		1/30/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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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: 012524-6  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 1/24/2024  
 TIME SAMPLED: 12:30 PM  
 DATE RECEIVED: 1/25/2024  
 TIME RECEIVED: 4:05 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	ND	1.0	ug/L (PPB)	MR		1/28/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 012524-6  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 1/24/2024  
 TIME SAMPLED: 2:30 PM  
 DATE RECEIVED: 1/25/2024  
 TIME RECEIVED: 4:05 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		1/28/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.5	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
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: WHITE PINE PRODUCTION  
 PROJECT NO: 20-157A  
 LOCATION: JOSEPH 1

GTA PROJECT NO: 012524-6  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 1/24/2024  
 TIME SAMPLED: 11:40 AM  
 DATE RECEIVED: 1/25/2024  
 TIME RECEIVED: 4:05 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	200	10	mg/L (PPM)	KC/TR	1/30/2024	WATER
	CONDUCTIVITY SM2510-B	1,200	1.0	uS/cm@25C	TR	1/29/2024	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: 012524-6  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 1/24/2024  
 TIME SAMPLED: 1:40 PM  
 DATE RECEIVED: 1/25/2024  
 TIME RECEIVED: 4:05 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	1/31/2024	WATER
	CONDUCTIVITY SM2510-B	610	1.0	uS/cm@25C	TR	1/29/2024	WATER

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 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C  
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COMPANY: WHITE PINE PRODUCTION

PROJECT NO: 20-157A  
LOCATION: JOSEPH 1

GTA PROJECT NO: 012524-6  
GTA SAMPLE NO: 3

DATE SAMPLED: 1/24/2024  
TIME SAMPLED: 11:00 AM

DATE RECEIVED: 1/25/2024  
TIME RECEIVED: 4:05 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	100	10	mg/L (PPM)	KC/TR	1/31/2024	WATER
	CONDUCTIVITY SM2510-B	960	1.0	uS/cm@25C	TR	1/29/2024	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: 012524-6  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 1/24/2024  
 TIME SAMPLED: 1:05 PM  
 DATE RECEIVED: 1/25/2024  
 TIME RECEIVED: 4:05 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	12	10	mg/L (PPM)	KC/TR	1/31/2024	WATER
	CONDUCTIVITY SM2510-B	920	1.0	uS/cm@25C	TR	1/29/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
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COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-157A  
LOCATION: JOSEPH 1

GTA PROJECT NO: 012524-6  
GTA SAMPLE NO: 5  
DATE SAMPLED: 1/24/2024  
TIME SAMPLED: 12:30 PM  
DATE RECEIVED: 1/25/2024  
TIME RECEIVED: 4:05 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	1/31/2024	WATER
	CONDUCTIVITY SM2510-B	730	1.0	uS/cm@25C	TR	1/29/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
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: 012524-6  
GTA SAMPLE NO: 6  
DATE SAMPLED: 1/24/2024  
TIME SAMPLED: 2:30 PM  
DATE RECEIVED: 1/25/2024  
TIME RECEIVED: 4:05 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	39	10	mg/L (PPM)	KC/TR	1/31/2024	WATER
	CONDUCTIVITY SM2510-B	910	1.0	uS/cm@25C	TR	1/29/2024	WATER

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

