



**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: 20-133A  
GTA ProjNo: 012025-1

Site Addr: M-3

Sampled By: ANDREW PUFFPAFF/OMPC  
Date Rec: 1/20/2025  
Time Rec: 9:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	1/16/2025	11:50 AM	WATER
2	MW-4D	1/16/2025	12:25 PM	WATER
3	MW-5	1/16/2025	11:00 AM	WATER
4	MW-6	1/16/2025	10:30 AM	WATER
5	MW-7	1/16/2025	10:40 AM	WATER
6	MW-8	1/16/2025	11:20 AM	WATER
7	MW-9	1/16/2025	11:10 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  
830 Robinwood Court  
Traverse City, MI 49686  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)



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COMPANY: WHITE PINE PRODUCTION  
 PROJECT NO: 20-133A  
 LOCATION: M-3  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-2

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 11:50 AM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	1.3	1.0	ug/L (PPB)	MR		1/21/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	410	10					
Xylene(Total)	1,100	30					

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: 20-133A  
 LOCATION: M-3  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-4D

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 12:25 PM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/21/2025	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: 20-133A  
 LOCATION: M-3  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-5

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 11:00 AM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/21/2025	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: 20-133A  
 LOCATION: M-3  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-6

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 10:30 AM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/21/2025	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: 20-133A  
 LOCATION: M-3  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-7

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 10:40 AM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/21/2025	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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 LOD = LIMIT OF DETECTION



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COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-133A  
LOCATION: M-3  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-8  
GTA PROJECT NO: 012025-1  
GTA SAMPLE NO: 6  
DATE SAMPLED: 1/16/2025  
TIME SAMPLED: 11:20 AM  
DATE RECEIVED: 1/20/2025  
TIME RECEIVED: 9:30 AM  
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/21/2025	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.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

COMPANY: WHITE PINE PRODUCTION  
 PROJECT NO: 20-133A  
 LOCATION: M-3  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-9

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 11:10 AM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/21/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.3	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

COMPANY: WHITE PINE PRODUCTION  
 PROJECT NO: 20-133A  
 LOCATION: M-3

GTA PROJECT NO: 012025-1  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 1/16/2025  
 TIME SAMPLED: 11:50 AM  
 DATE RECEIVED: 1/20/2025  
 TIME RECEIVED: 9:30 AM

MI  
 SAMPLED BY: ANDREW PUFFPAFF/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	ND	10	mg/L (PPM)	KC/TR	1/24/2025	WATER
CHLORIDE EPA 300.0						
CONDUCTIVITY SM2510-B	490	1.0	uS/cm@25C	TR	1/23/2025	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: 20-133A  
LOCATION: M-3

GTA PROJECT NO: 012025-1  
GTA SAMPLE NO: 2  
DATE SAMPLED: 1/16/2025  
TIME SAMPLED: 12:25 PM  
DATE RECEIVED: 1/20/2025  
TIME RECEIVED: 9:30 AM

MI  
SAMPLED BY: ANDREW PUFFPAFF/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-4D						
CHLORIDE EPA 300.0	240	10	mg/L (PPM)	KC/TR	1/24/2025	WATER
CONDUCTIVITY SM2510-B	1,100	1.0	uS/cm@25C	TR	1/23/2025	WATER

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COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-133A  
LOCATION: M-3

GTA PROJECT NO: 012025-1  
GTA SAMPLE NO: 3  
DATE SAMPLED: 1/16/2025  
TIME SAMPLED: 11:00 AM  
DATE RECEIVED: 1/20/2025  
TIME RECEIVED: 9:30 AM

MI  
SAMPLED BY: ANDREW PUFFPAFF/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-5	ND	10	mg/L (PPM)	KC/TR	1/24/2025	WATER
CHLORIDE EPA 300.0						
CONDUCTIVITY SM2510-B	560	1.0	uS/cm@25C	TR	1/23/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION  
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COMPANY: WHITE PINE PRODUCTION

PROJECT NO: 20-133A

LOCATION: M-3

GTA PROJECT NO: 012025-1

GTA SAMPLE NO: 4

DATE SAMPLED: 1/16/2025

TIME SAMPLED: 10:30 AM

DATE RECEIVED: 1/20/2025

TIME RECEIVED: 9:30 AM

MI

SAMPLED BY: ANDREW PUFFPAFF/OMPC

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: MW-6

CHLORIDE EPA 300.0

CONDUCTIVITY SM2510-B

**Concentration**

**LOD**

**Units**

**Analyst**

**Date Completed**

**Sample Matrix**

ND

10

mg/L (PPM)

KC/TR

1/24/2025

WATER

510

1.0

uS/cm@25C

TR

1/23/2025

WATER

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DISS = DISSOLVED



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COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-133A  
LOCATION: M-3

GTA PROJECT NO: 012025-1  
GTA SAMPLE NO: 5  
DATE SAMPLED: 1/16/2025  
TIME SAMPLED: 10:40 AM  
DATE RECEIVED: 1/20/2025  
TIME RECEIVED: 9:30 AM

MI  
SAMPLED BY: ANDREW PUFFPAFF/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-7	ND	10	mg/L (PPM)	KC/TR	1/24/2025	WATER
CHLORIDE EPA 300.0						
CONDUCTIVITY SM2510-B	480	1.0	uS/cm@25C	TR	1/23/2025	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: 20-133A  
LOCATION: M-3

GTA PROJECT NO: 012025-1  
GTA SAMPLE NO: 6  
DATE SAMPLED: 1/16/2025  
TIME SAMPLED: 11:20 AM  
DATE RECEIVED: 1/20/2025  
TIME RECEIVED: 9:30 AM

MI  
SAMPLED BY: ANDREW PUFFPAFF/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	ND	10	mg/L (PPM)	KC/TR	1/24/2025	WATER
CHLORIDE EPA 300.0						
CONDUCTIVITY SM2510-B	570	1.0	uS/cm@25C	TR	1/23/2025	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: 20-133A

LOCATION: M-3

GTA PROJECT NO: 012025-1

GTA SAMPLE NO: 7

DATE SAMPLED: 1/16/2025

TIME SAMPLED: 11:10 AM

DATE RECEIVED: 1/20/2025

TIME RECEIVED: 9:30 AM

MI

SAMPLED BY: ANDREW PUFFPAFF/OMPC

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: MW-9

CHLORIDE EPA 300.0

CONDUCTIVITY SM2510-B

**Concentration**

ND

630

**LOD**

10

1.0

**Units**

mg/L (PPM)

uS/cm@25C

**Analyst**

KC/TR

TR

**Date Completed**

1/24/2025

1/23/2025

**Sample Matrix**

WATER

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**CHAIN OF CUSTODY**

PROJECT NUMBER 20-133a	SITE NAME/ADDRESS M-3	COMPANY/NAME WPP <del>Lambert</del> KC 2/2/25
SAMPLED BY Andrew Puffpuff	COMPANY OMPL	GTA PROJECT # QID 012025-1 1/1/25

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	1/16/25	11:50	H2O	BTEX, Chlorides, Conductivity
2	MW-4d	↓	12:25	↓	↓ ↓ ↓
3	MW-5		11:00		
4	MW-6		10:30		
5	MW-7		10:40		
6	MW-8		11:20		
7	MW-9		11:10		

BILL TO: OMPL	TempRec: <input type="checkbox"/> 1.3°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Dan Barton dbarton@otwellmauby.com
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RELEASED BY Andrew Puffpuff	DATE/TIME 1/20/25 <sup>EST</sup> 9:30a	RECEIVED BY 	DATE/TIME 1-20-25 9:30A
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS