



**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: 20-157  
GTA ProjNo: 070325-4

Site Addr: JOSEPH 1

Sampled By: JACOB HOLCOMB/OMPC  
Date Rec: 7/3/2025  
Time Rec: 9:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1D	7/2/2025	1:49 PM	WATER
2	MW-2	7/2/2025	1:30 PM	WATER
3	MW-3D	7/2/2025	2:15 PM	WATER
4	MW-4	7/2/2025	1:08 PM	WATER
5	MW-8	7/2/2025	12:55 PM	WATER
6	MW-9	7/2/2025	2:50 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	GTA PROJECT NO:	070325-4
PROJECT NO:	20-157	GTA SAMPLE NO:	1
LOCATION:	JOSEPH 1	DATE SAMPLED:	7/2/2025
		TIME SAMPLED:	1:49 PM
	MI	DATE RECEIVED:	7/3/2025
		TIME RECEIVED:	9:15 AM
SAMPLE MATRIX:	WATER	SAMPLED BY:	JACOB HOLCOMB/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 Complete</u>	<u>Prep Method</u>
Benzene	470	1.0	ug/L (PPB)	MR		7/7/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	250	1.0					
Xylene(Total)	200	3.0					
1,2,4-Trimethylbenzene	63	1.0					
1,3,5-Trimethylbenzene	1.9	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: 20-157  
 LOCATION: JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-2

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 1:30 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

SAMPLED BY: JACOB HOLCOMB/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		7/7/2025	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: 20-157  
 LOCATION: JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-3D

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 2:15 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

SAMPLED BY: JACOB HOLCOMB/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		7/7/2025	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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION

COMPANY: WHITE PINE PRODUCTION

PROJECT NO: 20-157  
 LOCATION: JOSEPH 1

MI

SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-4

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 4

DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 1:08 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

SAMPLED BY: JACOB HOLCOMB/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	710	20	ug/L (PPB)	MR		7/7/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	5.5	1.0					
Xylene(Total)	5.9	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: 20-157  
 LOCATION: JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-8

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 12:55 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

SAMPLED BY: JACOB HOLCOMB/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	41	1.0	ug/L (PPB)	MR		7/7/2025	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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 ND = NOT DETECTED, RESULT < LOD  
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COMPANY: WHITE PINE PRODUCTION  
 PROJECT NO: 20-157  
 LOCATION: JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-9

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 2:50 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

SAMPLED BY: JACOB HOLCOMB/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		7/7/2025	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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION



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

GTA PROJECT NO: 070325-4  
GTA SAMPLE NO: 1  
DATE SAMPLED: 7/2/2025  
TIME SAMPLED: 1:49 PM  
DATE RECEIVED: 7/3/2025  
TIME RECEIVED: 9:15 AM

MI  
SAMPLED BY: JACOB HOLCOMB/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	35	10	mg/L (PPM)	KC/TR	7/11/2025	WATER

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

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

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 1:30 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

MI  
 SAMPLED BY: JACOB HOLCOMB/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	7/11/2025	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: 20-157  
LOCATION: JOSEPH 1

GTA PROJECT NO: 070325-4  
GTA SAMPLE NO: 3

DATE SAMPLED: 7/2/2025  
TIME SAMPLED: 2:15 PM  
DATE RECEIVED: 7/3/2025  
TIME RECEIVED: 9:15 AM

MI  
SAMPLED BY: JACOB HOLCOMB/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	ND	10	mg/L (PPM)	KC/TR	7/11/2025	WATER

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

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

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 1:08 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

MI  
 SAMPLED BY: JACOB HOLCOMB/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	70	10	mg/L (PPM)	KC/TR	7/11/2025	WATER

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

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

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 12:55 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

MI  
 SAMPLED BY: JACOB HOLCOMB/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	13	10	mg/L (PPM)	KC/TR	7/11/2025	WATER

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

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

GTA PROJECT NO: 070325-4  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 7/2/2025  
 TIME SAMPLED: 2:50 PM  
 DATE RECEIVED: 7/3/2025  
 TIME RECEIVED: 9:15 AM

MI  
 SAMPLED BY: JACOB HOLCOMB/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	110	10	mg/L (PPM)	KC/TR	7/11/2025	WATER

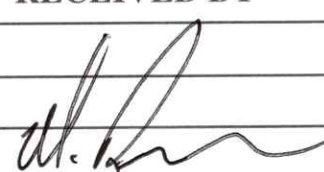
ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

**CHAIN OF CUSTODY**

PROJECT NUMBER <b>20-157</b>	SITE NAME/ADDRESS <b>JOSEPH 1</b>	COMPANY/NAME <b>WHITE PINE PRODUCTION</b>
SAMPLED BY <b>Jacob Holcomb</b>	COMPANY <b>OMPC</b>	GTA PROJECT # <b>070325-4</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1D	7/2/25	1:49	H2O	CHLORIDES HIPO
2	MW-2	↓	1:30	↓	↓
3	MW-3D		2:15		
4	MW-4		1:08		
5	MW-8		12:59		
6	MW-9		2:50		

BILL TO: <b>OMPC</b>	TempRec: <input type="checkbox"/> <b>1.0C</b>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: <b>DAN BARTON</b> <b>dbarton@otwellmswby.com</b>
RELEASED BY <b>Jacob Holcomb</b> <b>Jch</b>	DATE/TIME <b>7/3/25</b>	RECEIVED BY 	DATE/TIME <b>7-3-25 9:15A</b>
REQUESTED TAT <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 1 BUSINESS DAY <input type="checkbox"/> 2 BUSINESS DAYS <input type="checkbox"/> 3 BUSINESS DAYS			