



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: 013125-3

Site Addr: JOSEPH 1

Sampled By: ANDREW PUFFPAFF/OMPC
Date Rec: 1/31/2025
Time Rec: 11:34 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1D	1/30/2025	1:45 PM	WATER
2	MW-2	1/30/2025	3:00 PM	WATER
3	MW-3D	1/30/2025	2:40 PM	WATER
4	MW-4	1/30/2025	12:40 PM	WATER
5	MW-8	1/30/2025	11:55 AM	WATER
6	MW-9	1/30/2025	11:00 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
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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: 013125-3
 GTA SAMPLE NO: 1
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 1:45 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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	980	20	ug/L (PPB)	MR		2/4/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	160	20					
Xylene(Total)	200	3.0					
1,2,4-Trimethylbenzene	5.1	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: 013125-3
 GTA SAMPLE NO: 2
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 3:00 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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		2/3/2025	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: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3D

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 3
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 2:40 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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	4.1	1.0	ug/L (PPB)	MR		2/4/2025	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: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-4

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 4
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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	440	10	ug/L (PPB)	MR		2/4/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	7.1	1.0					
Xylene(Total)	4.5	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-8

GTA PROJECT NO: 013125-3
GTA SAMPLE NO: 5
DATE SAMPLED: 1/30/2025
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 1/31/2025
TIME RECEIVED: 11:34 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	99	5.0	ug/L (PPB)	MR		2/4/2025	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: 20-157A
 LOCATION: JOSEPH 1
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-9

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 6
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 11:00 AM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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		2/3/2025	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.
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 LOD = LIMIT OF DETECTION

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

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 1
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 1:45 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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-1D	CHLORIDE EPA 300.0	21	10	mg/L (PPM)	KC/TR	2/8/2025	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: 20-157A
 LOCATION: JOSEPH 1

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 2
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 3:00 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	2/8/2025	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: 20-157A
 LOCATION: JOSEPH 1

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 3
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 2:40 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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-3D	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	2/8/2025	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: 20-157A
 LOCATION: JOSEPH 1

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 4
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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-4 CHLORIDE EPA 300.0	35	10	mg/L (PPM)	KC/TR	2/8/2025	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: 20-157A
 LOCATION: JOSEPH 1

GTA PROJECT NO: 013125-3
 GTA SAMPLE NO: 5
 DATE SAMPLED: 1/30/2025
 TIME SAMPLED: 11:55 AM
 DATE RECEIVED: 1/31/2025
 TIME RECEIVED: 11:34 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	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	2/8/2025	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: 20-157A
LOCATION: JOSEPH 1
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 013125-3
GTA SAMPLE NO: 6
DATE SAMPLED: 1/30/2025
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 1/31/2025
TIME RECEIVED: 11:34 AM

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	120	10	mg/L (PPM)	KC/TR	2/8/2025	WATER

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

