



**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: 20-356A  
GTA ProjNo: 042624-6

Site Addr: SBC D-4 FLOWLINE

Sampled By: AP/OMPC  
Date Rec: 4/26/2024  
Time Rec: 9:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	4/25/2024	11:32 AM	WATER
2	MW-1D	4/25/2024	12:13 PM	WATER
3	MW-2	4/25/2024	12:45 PM	WATER
4	MW-3	4/25/2024	1:42 PM	WATER
5	MW-4	4/25/2024	1:18 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  
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	GTA PROJECT NO:	042624-6
PROJECT NO:	20-356A	GTA SAMPLE NO:	1
LOCATION:	SBC D-4 FLOWLINE RELEASE	DATE SAMPLED:	4/25/2024
		TIME SAMPLED:	11:32 AM
		DATE RECEIVED:	4/26/2024
	MI	TIME RECEIVED:	9:30 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1	SAMPLED BY:	AP/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		4/28/2024	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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION



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COMPANY:	WHITE PINE PRODUCTION	GTA PROJECT NO:	042624-6
PROJECT NO:	20-356A	GTA SAMPLE NO:	2
LOCATION:	SBC D-4 FLOWLINE RELEASE	DATE SAMPLED:	4/25/2024
		TIME SAMPLED:	12:13 PM
		DATE RECEIVED:	4/26/2024
	MI	TIME RECEIVED:	9:30 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1D	SAMPLED BY:	AP/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		4/28/2024	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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION

COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-356A  
LOCATION: SBC D-4 FLOWLINE RELEASE

GTA PROJECT NO: 042624-6  
GTA SAMPLE NO: 3

DATE SAMPLED: 4/25/2024  
TIME SAMPLED: 12:45 PM  
DATE RECEIVED: 4/26/2024  
TIME RECEIVED: 9:30 AM

MI

SAMPLE MATRIX: WATER  
SAMPLE ID: MW-2

SAMPLED BY: AP/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		4/28/2024	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.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION



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COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-356A  
LOCATION: SBC D-4 FLOWLINE RELEASE

GTA PROJECT NO: 042624-6  
GTA SAMPLE NO: 4

DATE SAMPLED: 4/25/2024  
TIME SAMPLED: 1:42 PM  
DATE RECEIVED: 4/26/2024  
TIME RECEIVED: 9:30 AM

MI

SAMPLE MATRIX: WATER  
SAMPLE ID: MW-3

SAMPLED BY: AP/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		4/28/2024	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.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-356A  
LOCATION: SBC D-4 FLOWLINE RELEASE  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-4

GTA PROJECT NO: 042624-6  
GTA SAMPLE NO: 5  
DATE SAMPLED: 4/25/2024  
TIME SAMPLED: 1:18 PM  
DATE RECEIVED: 4/26/2024  
TIME RECEIVED: 9:30 AM

SAMPLED BY: AP/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		4/28/2024	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.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

COMPANY: WHITE PINE PRODUCTION  
 PROJECT NO: 20-356A  
 LOCATION: SBC D-4 FLOWLINE

GTA PROJECT NO: 042624-6  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 4/25/2024  
 TIME SAMPLED: 11:32 AM  
 DATE RECEIVED: 4/26/2024  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI  
 AP/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-1 CHLORIDE EPA 300.0	120	10	mg/L (PPM)	KC/TR	5/3/2024	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: 20-356A  
 LOCATION: SBC D-4 FLOWLINE

GTA PROJECT NO: 042624-6  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 4/25/2024  
 TIME SAMPLED: 12:13 PM  
 DATE RECEIVED: 4/26/2024  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI  
 AP/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	250	10	mg/L (PPM)	KC/TR	5/3/2024	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: 20-356A  
 LOCATION: SBC D-4 FLOWLINE

GTA PROJECT NO: 042624-6  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 4/25/2024  
 TIME SAMPLED: 12:45 PM  
 DATE RECEIVED: 4/26/2024  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI  
 AP/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	120	10	mg/L (PPM)	KC/TR	5/3/2024	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: 20-356A  
 LOCATION: SBC D-4 FLOWLINE

GTA PROJECT NO: 042624-6  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 4/25/2024  
 TIME SAMPLED: 1:42 PM  
 DATE RECEIVED: 4/26/2024  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI  
 AP/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-3	CHLORIDE EPA 300.0	270	10	mg/L (PPM)	KC/TR	5/3/2024	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: 20-356A  
 LOCATION: SBC D-4 FLOWLINE

GTA PROJECT NO: 042624-6  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 4/25/2024  
 TIME SAMPLED: 1:18 PM  
 DATE RECEIVED: 4/26/2024  
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI  
 AP/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	240	10	mg/L (PPM)	KC/TR	5/3/2024	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>20-356A</b>	SITE NAME/ADDRESS <b>SBC, D-4 Flowline</b>	COMPANY/NAME <b>White Pine</b>
SAMPLED BY <b>AP</b>	COMPANY <b>OMPC</b>	GTA PROJECT # <b>042624-6</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	4/25/24	1132	H2O	HIPs + Chlorides
2	<del>MW-1D</del> MW-1D	↓	1213	↓	↓
3	MW-2		1245		
4	MW-3		1342		
5	MW-4		1318		

BILL TO:	TempRec: <input type="checkbox"/>	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: <b>Dan Barton</b>
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RELEASED BY <b>A.P. [Signature]</b>	DATE/TIME <b>4/26/24 9:30</b>	RECEIVED BY <b>[Signature]</b>	DATE/TIME <b>4/26/24 9:30</b>
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS