



**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: 071824-6

Site Addr: SBC JOSEPH 1

Sampled By: WPM/OMPC  
Date Rec: 7/18/2024  
Time Rec: 4:00 PM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1          | MW-1D     | 7/12/2024    | 1:35 PM      | WATER         |
| 2          | MW-2      | 7/12/2024    | 2:05 PM      | WATER         |
| 3          | MW-3D     | 7/12/2024    | 11:15 AM     | WATER         |
| 4          | MW-9      | 7/12/2024    | 2:25 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  
 PROJECT NO: 20-157A  
 LOCATION: SBC JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-1D

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 1:35 PM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 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</u><br><u>Extracted</u> | <u>Date</u><br><u>Completed</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|---------------------------------|--------------------|
| Benzene                | 5.9                  | 1.0        | ug/L (PPB)   | MR             |                                 | 7/19/2024                       | 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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION



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COMPANY: WHITE PINE PRODUCTION  
PROJECT NO: 20-157A  
LOCATION: SBC JOSEPH 1  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-2

GTA PROJECT NO: 071824-6  
GTA SAMPLE NO: 2  
DATE SAMPLED: 7/12/2024  
TIME SAMPLED: 2:05 PM  
DATE RECEIVED: 7/18/2024  
TIME RECEIVED: 4:00 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</u><br><u>Extracted</u> | <u>Date</u><br><u>Completed</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------------|---------------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                                 | 7/19/2024                       | 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: SBC JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-3D

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 11:15 AM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 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<br/>Extracted</u> | <u>Date<br/>Completed</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|---------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 7/19/2024                 | 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: 20-157A  
 LOCATION: SBC JOSEPH 1  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-9

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 2:25 PM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 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<br/>Extracted</u> | <u>Date<br/>Completed</u> | <u>Prep Method</u> |
|------------------------|----------------------|------------|--------------|----------------|---------------------------|---------------------------|--------------------|
| Benzene                | ND                   | 1.0        | ug/L (PPB)   | MR             |                           | 7/19/2024                 | 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: 20-157A  
 LOCATION: SBC JOSEPH 1

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 1:35 PM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 PM

SAMPLED BY: MI  
 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<br>CHLORIDE EPA 300.0 | 91                   | 10         | mg/L (PPM)   | KC/TR          | 7/24/2024             | 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: 20-157A  
 LOCATION: SBC JOSEPH 1

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 2:05 PM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 PM

SAMPLED BY: MI  
 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<br>CHLORIDE EPA 300.0 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 7/24/2024             | 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: 20-157A  
 LOCATION: SBC JOSEPH 1

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 11:15 AM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 PM

SAMPLED BY: MI  
 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 | ND                   | 10         | mg/L (PPM)   | KC/TR          | 7/24/2024             | 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: 20-157A  
 LOCATION: SBC JOSEPH 1

GTA PROJECT NO: 071824-6  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 7/12/2024  
 TIME SAMPLED: 2:25 PM  
 DATE RECEIVED: 7/18/2024  
 TIME RECEIVED: 4:00 PM

SAMPLED BY: MI  
 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 | 120                  | 10         | mg/L (PPM)   | KC/TR          | 7/24/2024             | WATER                |

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

**CHAIN OF CUSTODY**

|                                  |   |                                   |
|----------------------------------|---|-----------------------------------|
| PROJECT NUMBER<br><i>20-157A</i> | SITE NAME/ADDRESS<br><i>JESC Joseph</i> | COMPANY/NAME<br><i>White Pine</i> |
| SAMPLED BY<br><i>WRM</i>         | COMPANY<br><i>OMPL</i>                  | GTA PROJECT #<br><i>071824-6</i>  |

**SAMPLE INFORMATION**

| # | SAMPLE ID    | DATE SAMPLED   | TIME        | MATRIX                | ANALYSIS                |
|---|--------------|----------------|-------------|-----------------------|-------------------------|
|   | <i>MW-1A</i> | <i>7/12/24</i> | <i>1335</i> | <i>H<sub>2</sub>O</i> | <i>HIPs + Chlorides</i> |
|   | <i>MW-2</i>  | ↓              | <i>1405</i> | ↓                     | ↓                       |
|   | <i>MW-3D</i> | ↓              | <i>1415</i> | ↓                     | ↓                       |
|   | <i>MW-9</i>  | ↓              | <i>1425</i> | ↓                     | ↓                       |
|   |              |                |             |                       |                         |
|   |              |                |             |                       |                         |
|   |              |                |             |                       |                         |
|   |              |                |             |                       |                         |
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|   |              |                |             |                       |                         |
|   |              |                |             |                       |                         |
|   |              |                |             |                       |                         |

|          |                                   |  |                   |
|----------|-----------------------------------|--|-------------------|
| BILL TO: | TempRec: <input type="checkbox"/> | On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/> | REPORT TO:        |
|          | <i>3.00C</i>                      |  | <i>Dan Barton</i> |

|                    |                     |                    |                     |
|--------------------|---------------------|--------------------|---------------------|
| RELEASED BY        | DATE/TIME           | RECEIVED BY        | DATE/TIME           |
| <i>[Signature]</i> | <i>7/18/24 1600</i> | <i>[Signature]</i> | <i>7/18/24 1600</i> |

REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS