

**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: SAVOY ENERGY  
Name:  
ClientProj:

Site Addr: WAGLEY #1-1A

GTA ProjNo: 041020-3

Sampled By: HOLLIS THOMAS/DARCY  
Date Rec: 4/10/2020  
Time Rec: 10:10 AM

Sample No. Sample ID  
1 EAST WATER WELL

Date Sampled Time Sampled Sample Matrix  
4/2/2020 4:15 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)



## INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SAVOY ENERGY  
PROJECT NO:  
LOCATION: WAGLEY #1-1A  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: EAST WATER WELL

GTA PROJECT NO: 041020-3  
GTA SAMPLE NO: 1  
DATE SAMPLED: 4/2/2020  
TIME SAMPLED: 4:15 PM  
DATE RECEIVED: 4/10/2020  
TIME RECEIVED: 10:10 AM

SAMPLED BY: HOLLIS THOMAS/DARCY

### 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>Complete</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------------|--------------------------------|--------------------|
| Benzene         | ND                   | 1.0        | ug/L (PPB)   | MR             |                                 | 4/13/2020                      | 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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SAVOY ENERGY

GTA PROJECT NO: 041020-3

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: WAGLEY #1-1A

DATE SAMPLED: 4/2/2020

TIME SAMPLED: 4:15 PM

DATE RECEIVED: 4/10/2020

TIME RECEIVED: 10:10 AM

MI

SAMPLED BY: HOLLIS THOMAS/DARCY

SAMPLE MATRIX: WATER

SAMPLE ID: EAST WATER WELL

**METALS**

| <u>Analysis</u>          | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> | <u>Digestion Method</u> |
|--------------------------|----------------------|------------|--------------|----------------|-----------------------|-------------------------|
| BARIUM DISS EPA 6020A    | ND                   | 0.050      | mg/L (PPM)   | MR             | 4/17/2020             | EPA 3005A               |
| CALCIUM DISS EPA 6020A   | 56                   | 0.50       | mg/L (PPM)   | MR             | 4/17/2020             | EPA 3005A               |
| IRON TOTAL EPA 6020A     | ND                   | 0.50       | mg/L (PPM)   | MR             | 4/17/2020             | EPA 3020A               |
| MAGNESIUM DISS EPA 6020A | 17                   | 0.50       | mg/L (PPM)   | MR             | 4/17/2020             | EPA 3005A               |
| POTASSIUM DISS EPA 6020A | 0.88                 | 0.50       | mg/L (PPM)   | MR             | 4/17/2020             | EPA 3005A               |
| SODIUM DISS EPA 6020A    | 120                  | 0.50       | mg/L (PPM)   | MR             | 4/17/2020             | EPA 3005A               |

ND = NOT DETECTED, RESULT &lt; LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SAVOY ENERGY

PROJECT NO:

LOCATION: WAGLEY #1-1A

MI

SAMPLED BY: HOLLIS THOMAS/DARCY

SAMPLE ID: EAST WATER WELL

GTA PROJECT NO: 041020-3

GTA SAMPLE NO: 1

DATE RECEIVED: 4/10/2020

TIME RECEIVED: 10:10 AM

DATE SAMPLED: 4/2/2020

TIME SAMPLED: 4:15 PM

SAMPLE MATRIX: WATER

**SAMPLE RESULTS**

| <b><u>Analysis</u></b>               | <b><u>Concentration</u></b> | <b><u>LOD</u></b> | <b><u>Units</u></b> | <b><u>Analyst</u></b> | <b><u>Date Complete</u></b> |
|--------------------------------------|-----------------------------|-------------------|---------------------|-----------------------|-----------------------------|
| ALKALINITY SM 4500CO2D (BICARBONATE) | 250                         | 10                | mg/L (PPM)          | TR                    | 4/13/2020                   |
| ALKALINITY SM 4500CO2D (CARBONATE)   | 15                          | 10                | mg/L (PPM)          | TR                    | 4/13/2020                   |
| CHLORIDE EPA 300.0                   | 230                         | 10                | mg/L (PPM)          | LV                    | 4/13/2020                   |
| CONDUCTIVITY SM2510-B                | 1,200                       | 1.0               | uS/cm@25C           | LV                    | 4/13/2020                   |
| pH EPA 150.1 - LAB                   | 8.8                         | 0.10              | s.u.                | TR                    | 4/13/2020                   |
| RESISTIVITY SM 2510A                 | 850                         | -                 | ohms x cm           | LV                    | 4/13/2020                   |
| SPECIFIC GRAVITY SM 2710F            | 1.005                       | -                 | -                   | LV                    | 4/13/2020                   |
| SULFATE EPA 300.0                    | 22                          | 10                | mg/L (PPM)          | LV                    | 4/13/2020                   |
| SULFIDE SM 4500S D                   | ND                          | 1.0               | mg/L (PPM)          | KC                    | 4/10/2020                   |
| TOTAL DISSOLVED SOLIDS EPA 160.1     | 470                         | 5.0               | mg/L (PPM)          | TR                    | 4/13/2020                   |

ND = NOT DETECTED, RESULT &lt; LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

