



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

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[www.gtanalytical.com](http://www.gtanalytical.com)

Company: BREITBURN OPERATING  
Name:  
ClientProj: 2215000  
GTA ProjNo: 120619-8

Site Addr: FRASER 8

Sampled By: HOLLIS THOMAS/DARCY  
Date Rec: 12/6/2019  
Time Rec: 1:30 PM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1          | MW-4      | 12/4/2019    | 9:15 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 L Chase*

Kirk L. Chase/Chemist  
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COMPANY: BREITBURN OPERATING  
PROJECT NO: 2215000  
LOCATION: FRASER 8

GTA PROJECT NO: 120619-8  
GTA SAMPLE NO: 1

DATE SAMPLED: 12/4/2019  
TIME SAMPLED: 9:15 AM

DATE RECEIVED: 12/6/2019  
TIME RECEIVED: 1:30 PM

MI  
SAMPLED BY: HOLLIS THOMAS/DARCY

**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    | 250                  | 10         | mg/L (PPM)   | LV             | 12/9/2019             | WATER                |
|            | CONDUCTIVITY SM2510-B | 1,500                | 1.0        | uS/cm@25C    | LV             | 12/9/2019             | WATER                |

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

