



**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: BREITBURN OPERATING  
Name:  
ClientProj: 20-280  
GTA ProjNo: 090921-7

Site Addr: STATE BEAVER CREEK K5

Sampled By: WPM/OMPC  
Date Rec: 9/9/2021  
Time Rec: 3:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/9/2021	10:39 AM	WATER
2	MW-2	9/9/2021	10:56 AM	WATER
3	MW-3	9/9/2021	11:10 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  
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)

COMPANY: BREITBURN OPERATING  
 PROJECT NO: 20-280  
 LOCATION: STATE BEAVER CREEK K5

GTA PROJECT NO: 090921-7  
 GTA SAMPLE NO: 1

DATE SAMPLED: 9/9/2021  
 TIME SAMPLED: 10:39 AM  
 DATE RECEIVED: 9/9/2021  
 TIME RECEIVED: 3:45 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</u>
	SAMPLE ID: MW-1 CHLORIDE EPA 300.0	730	50	mg/L (PPM)	LV	9/9/2021	WATER

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

COMPANY: BREITBURN OPERATING  
 PROJECT NO: 20-280  
 LOCATION: STATE BEAVER CREEK K5

GTA PROJECT NO: 090921-7  
 GTA SAMPLE NO: 2

DATE SAMPLED: 9/9/2021  
 TIME SAMPLED: 10:56 AM  
 DATE RECEIVED: 9/9/2021  
 TIME RECEIVED: 3:45 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</u>
SAMPLE ID: MW-2	CHLORIDE EPA 300.0	31	10	mg/L (PPM)	LV	9/9/2021	WATER

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

COMPANY: BREITBURN OPERATING  
 PROJECT NO: 20-280  
 LOCATION: STATE BEAVER CREEK K5

GTA PROJECT NO: 090921-7  
 GTA SAMPLE NO: 3

DATE SAMPLED: 9/9/2021  
 TIME SAMPLED: 11:10 AM  
 DATE RECEIVED: 9/9/2021  
 TIME RECEIVED: 3:45 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</u>
SAMPLE ID: MW-3	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/9/2021	WATER

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

