



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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www.gtanalytical.com

Company: BREITBURN OPERATING
Name:
ClientProj: 20-032
GTA ProjNo: 051320-2

Site Addr: KAL 1-27

Sampled By: MATTHEW SCOTT/OMPC
Date Rec: 5/13/2020
Time Rec: 11:35 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	5/13/2020		WATER
2	MW-2	5/13/2020		WATER
3	MW-3	5/13/2020		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
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COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-032
 LOCATION: KAL 1-27

GTA PROJECT NO: 051320-2
 GTA SAMPLE NO: 1
 DATE SAMPLED: 5/13/2020
 TIME SAMPLED:
 DATE RECEIVED: 5/13/2020
 TIME RECEIVED: 11:35 AM

MI
 SAMPLED BY: MATTHEW SCOTT/OMPC

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-1	CHLORIDE EPA 300.0	3,800	500	mg/L (PPM)	LV	3/14/2020	WATER

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

COMPANY: BREITBURN OPERATING
PROJECT NO: 20-032
LOCATION: KAL 1-27
MI
SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 051320-2
GTA SAMPLE NO: 2
DATE SAMPLED: 5/13/2020
TIME SAMPLED:
DATE RECEIVED: 5/13/2020
TIME RECEIVED: 11:35 AM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-2 CHLORIDE EPA 300.0	380	10	mg/L (PPM)	LV	3/14/2020	WATER

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

COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-032
 LOCATION: KAL 1-27
 MI
 SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 051320-2
 GTA SAMPLE NO: 3
 DATE SAMPLED: 5/13/2020
 TIME SAMPLED:
 DATE RECEIVED: 5/13/2020
 TIME RECEIVED: 11:35 AM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-3	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/14/2020	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER <i>20-032</i>	SITE NAME/ADDRESS <i>Kal 1-27</i>	COMPANY/NAME <i>Breitburn</i>
SAMPLED BY <i>Matthew Scott</i>	COMPANY <i>OMPC</i>	GTA PROJECT # <i>051320-2</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
<i>1</i>	<i>MW-1</i>	<i>5-13-20</i>		<i>Water</i>	<i>Chlorides</i>
<i>2</i>	<i>MW-2</i>	↓		↓	↓
<i>3</i>	<i>MW-3</i>	↓		↓	↓

BILL TO: *Breitburn*

REPORT TO: *OMPC*

RELEASED BY <i>Matthew Scott</i>	DATE/TIME <i>5-13-20 11:35am</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>5/13/20 11:35am</i>

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