

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: BREITBURN OPERATING
Name:
ClientProj: 16-252
GTA ProjNo: 093019-12

Site Addr: BREITBURN B-1

Sampled By: MATT/OMPC
Date Rec: 9/30/2019
Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/30/2019	11:00 AM	WATER
2	MW-1D	9/30/2019	11:00 AM	WATER
3	MW-2	9/30/2019	11:00 AM	WATER
4	MW-3	9/30/2019	11:00 AM	WATER
5	MW-4	9/30/2019	11:00 AM	WATER
6	MW-5	9/30/2019	11:00 AM	WATER
7	MW-6	9/30/2019	11:00 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

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 093019-12

PROJECT NO: 16-252

GTA SAMPLE NO: 1

LOCATION: BREITBURN B-1

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: MATT/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		190	10	mg/L (PPM)	LV	10/11/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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COMPANY: BREITBURN OPERATING

PROJECT NO: 16-252

LOCATION: BREITBURN B-1

GTA PROJECT NO: 093019-12

GTA SAMPLE NO: 2

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
MATT/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-1D

CHLORIDE EPA 300.0

Concentration

67

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

10/11/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 093019-12

PROJECT NO: 16-252

GTA SAMPLE NO: 3

LOCATION: BREITBURN B-1

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: MATT/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

10/11/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 093019-12

PROJECT NO: 16-252

GTA SAMPLE NO: 4

LOCATION: BREITBURN B-1

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: MATT/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-3							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	10/11/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 093019-12

PROJECT NO: 16-252

GTA SAMPLE NO: 5

LOCATION: BREITBURN B-1

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: MATT/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

ND

10

mg/L (PPM)

LV

10/11/2019

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 093019-12

PROJECT NO: 16-252

GTA SAMPLE NO: 6

LOCATION: BREITBURN B-1

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: MATT/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5

CHLORIDE EPA 300.0

Concentration

55

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

10/11/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 093019-12

PROJECT NO: 16-252

GTA SAMPLE NO: 7

LOCATION: BREITBURN B-1

DATE SAMPLED: 9/30/2019

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 9/30/2019

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: MATT/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-6

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

10/11/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 16-252	SITE NAME/ADDRESS Breithorn B-1	COMPANY/NAME Breithorn
SAMPLED BY <i>Matthew C. St. Omer</i>	COMPANY OMPC	GTA PROJECT # 093019-12

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	Chlorides ANALYSIS
1	MW-1	9-30-19	11:00	water	
2	MW-1D				
3	MW-2				
4	MW-3				
5	MW-4				
6	MW-5				
7	MW-6				

BILL TO:

REPORT TO: OMPC

Breithorn

RELEASED BY <i>Matthew C. St. Omer</i>	DATE/TIME 9-30-19 3:50 pm	RECEIVED BY <i>John V. Venter</i>	DATE/TIME 9/30/19 3:50 pm

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