

**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: 010720-7

Site Addr: BEAVER CREEK B-1

Sampled By: MS/OMPS

Date Rec: 1/6/2020

Time Rec: 4:37 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	1/6/2020		WATER
2	MW-1D	1/6/2020		WATER
3	MW-2	1/6/2020		WATER
4	MW-3	1/6/2020		WATER
5	MW-4	1/6/2020		WATER
6	MW-5	1/6/2020		WATER
7	MW-6	1/6/2020		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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kirk@gtanalytical.com

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 010720-7

PROJECT NO: 16-252

GTA SAMPLE NO: 1

LOCATION: BEAVER CREEK B-1

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

MI

SAMPLED BY: MS/OMPS

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

69

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

1/7/2020

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: 010720-7

PROJECT NO: 16-252

GTA SAMPLE NO: 2

LOCATION: BEAVER CREEK B-1

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

SAMPLED BY: MI
MS/OMPS

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

17

10

mg/L (PPM)

LV

1/7/2020

WATER

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

COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 010720-7

PROJECT NO: 16-252

GTA SAMPLE NO: 3

LOCATION: BEAVER CREEK B-1

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

MI

SAMPLED BY: MS/OMPS

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

ND

10

mg/L (PPM)

LV

1/7/2020

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: 010720-7

PROJECT NO: 16-252

GTA SAMPLE NO: 4

LOCATION: BEAVER CREEK B-1

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

MI

SAMPLED BY: MS/OMPS

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

1/7/2020

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: 010720-7

PROJECT NO: 16-252

GTA SAMPLE NO: 5

LOCATION: BEAVER CREEK B-1

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

SAMPLED BY: MI
MS/OMPS

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-4		ND	10	mg/L (PPM)	LV	1/7/2020	WATER
CHLORIDE EPA 300.0							

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 010720-7

PROJECT NO: 16-252

GTA SAMPLE NO: 6

LOCATION: BEAVER CREEK B-1

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

SAMPLED BY: MI
MS/OMPS

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-5							
CHLORIDE EPA 300.0		17	10	mg/L (PPM)	LV	1/7/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: BREITBURN OPERATING

PROJECT NO: 16-252

LOCATION: BEAVER CREEK B-1

SAMPLED BY: MI
MS/OMPS

GTA PROJECT NO: 010720-7

GTA SAMPLE NO: 7

DATE SAMPLED: 1/6/2020

TIME SAMPLED:

DATE RECEIVED: 1/6/2020

TIME RECEIVED: 4:37 PM

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-6							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	1/7/2020	WATER

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LOD = LIMIT OF DETECTION

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INDEPENDENT TESTING LAB

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CHAIN OF CUSTODY

PROJECT NUMBER <i>16-252</i>	SITE NAME/ADDRESS <i>B-1</i>	COMPANY/NAME <i>BIB</i>
SAMPLED BY <i>[Signature]</i>	COMPANY <i>ompc</i>	GTA PROJECT # <i>010720-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	1-6-2020		water	chlorides
2	MW-1D				
3	MW-2				
4	MW-3				
5	MW-4				
6	MW-5				
7	MW-6				

BILL TO:

Braithwaite

REPORT TO: *ompc*

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>4:37 pm 1-6-20</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>1/6/20 4:37p</i>

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