



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: 13.079
GTA ProjNo: 102120-5

Site Addr: SOUTH CAPLE

Sampled By: KWB/HURON
Date Rec: 10/21/2020
Time Rec: 12:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-1	10/20/2020		WATER
2	OW-4	10/20/2020		WATER
3	MW-5	10/20/2020		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

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 102120-5

GTA SAMPLE NO: 3

NAME:

PROJECT NO: 13.079

DATE SAMPLED: 10/20/2020

LOCATION: SOUTH CAPLE

TIME SAMPLED:

DATE RECEIVED: 10/21/2020

TIME RECEIVED: 12:25 PM

SAMPLED BY: MI
KWB/HURON

ORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	MW-5							
SAMPLE MATRIX:	WATER							
TRIETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/L (PPM)	KC/TR	10/27/2020	11/3/2020	EPA 3511

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION



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COMPANY: BREITBURN OPERATING
PROJECT NO: 13.079
LOCATION: SOUTH CAPLE

GTA PROJECT NO: 102120-5
GTA SAMPLE NO: 1
DATE SAMPLED: 10/20/2020
TIME SAMPLED:
DATE RECEIVED: 10/21/2020
TIME RECEIVED: 12:25 PM

SAMPLED BY: MI
KWB/HURON

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: OW-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/23/2020	WATER
	CONDUCTIVITY SM2510-B	370	1.0	uS/cm@25C	LV	10/23/2020	WATER

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



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COMPANY: BREITBURN OPERATING
PROJECT NO: 13.079
LOCATION: SOUTH CAPLE

GTA PROJECT NO: 102120-5
GTA SAMPLE NO: 2
DATE SAMPLED: 10/20/2020
TIME SAMPLED:
DATE RECEIVED: 10/21/2020
TIME RECEIVED: 12:25 PM

SAMPLED BY: MI
KWB/HURON

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: OW-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	10/23/2020	WATER
	CONDUCTIVITY SM2510-B	460	1.0	uS/cm@25C	LV	10/23/2020	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

COMPANY: BREITBURN OPERATING
 PROJECT NO: 13.079
 LOCATION: SOUTH CAPLE

GTA PROJECT NO: 102120-5
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/20/2020
 TIME SAMPLED:
 DATE RECEIVED: 10/21/2020
 TIME RECEIVED: 12:25 PM

MI
 SAMPLED BY: KWB/HURON

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-5						
	CHLORIDE EPA 300.0	10	10	mg/L (PPM)	LV	10/23/2020	WATER
	CONDUCTIVITY SM2510-B	440	1.0	uS/cm@25C	LV	10/23/2020	WATER

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

