



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: 00-038
GTA ProjNo: 111020-10

Site Addr: DYAR 1-1

Sampled By: SEAN CLARK/OMPC
Date Rec: 11/10/2020
Time Rec: 5:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-2	11/9/2020	3:50 PM	WATER
2	OW-7	11/9/2020	3:30 PM	WATER
3	OW-8	11/9/2020	4:15 PM	WATER
4	OW-9	11/9/2020	3:00 PM	WATER
5	OW-12	11/9/2020	3:40 PM	WATER
6	OW-14	11/9/2020	5:00 PM	WATER
7	OW-15	11/9/2020	4:30 PM	WATER
8	OW-16	11/9/2020	4:45 PM	WATER
9	OW-19	11/9/2020	5:25 PM	WATER
10	OW-10	11/9/2020		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
Grand Traverse Analytical
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COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1

GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 1
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 3:50 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

MI
SAMPLED BY: SEAN CLARK/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 Matrix</u>
	SAMPLE ID: OW-2						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	670	1.0	uS/cm@25C	LV	11/12/2020	WATER

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COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
SAMPLED BY: SEAN CLARK/OMPC

GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 2
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 3:30 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

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-7						
	CHLORIDE EPA 300.0	78	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	890	1.0	uS/cm@25C	LV	11/12/2020	WATER

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PROJECT NO: 00-038
LOCATION: DYAR 1-1
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GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 3
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 4:15 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

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-8						
	CHLORIDE EPA 300.0	140	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	1,100	1.0	uS/cm@25C	LV	11/12/2020	WATER

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PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
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GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 4
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

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-9						
	CHLORIDE EPA 300.0	14	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	620	1.0	uS/cm@25C	LV	11/12/2020	WATER

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COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1

GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 5
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 3:40 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

MI
SAMPLED BY: SEAN CLARK/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 Matrix</u>
	SAMPLE ID: OW-12						
	CHLORIDE EPA 300.0	12	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	620	1.0	uS/cm@25C	LV	11/12/2020	WATER

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COMPANY: BREITBURN OPERATING
 PROJECT NO: 00-038
 LOCATION: DYAR 1-1

GTA PROJECT NO: 111020-10
 GTA SAMPLE NO: 6
 DATE SAMPLED: 11/9/2020
 TIME SAMPLED: 5:00 PM
 DATE RECEIVED: 11/10/2020
 TIME RECEIVED: 5:20 PM

MI
 SAMPLED BY: SEAN CLARK/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 Matrix</u>
	SAMPLE ID: OW-14						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	440	1.0	uS/cm@25C	LV	11/12/2020	WATER

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COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
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GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 7
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 4:30 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

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-15						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	600	1.0	uS/cm@25C	LV	11/12/2020	WATER

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COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
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GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 8
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 4:45 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

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-16						
	CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	520	1.0	uS/cm@25C	LV	11/12/2020	WATER

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COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1

GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 9
DATE SAMPLED: 11/9/2020
TIME SAMPLED: 5:25 PM
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

MI
SAMPLED BY: SEAN CLARK/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 Matrix</u>
	SAMPLE ID: OW-19						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	350	1.0	uS/cm@25C	LV	11/12/2020	WATER

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PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
SAMPLED BY: SEAN CLARK/OMPC

GTA PROJECT NO: 111020-10
GTA SAMPLE NO: 10
DATE SAMPLED: 11/9/2020
TIME SAMPLED:
DATE RECEIVED: 11/10/2020
TIME RECEIVED: 5:20 PM

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-10						
	CHLORIDE EPA 300.0	36	10	mg/L (PPM)	LV	11/12/2020	WATER
	CONDUCTIVITY SM2510-B	900	1.0	uS/cm@25C	LV	11/12/2020	WATER

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CHAIN OF CUSTODY

PROJECT NUMBER <i>00-038</i>	SITE NAME/ADDRESS <i>Dyur 1-1</i>	COMPANY/NAME <i>Breitbart</i>
SAMPLED BY <i>Sean Clark</i>	COMPANY <i>Otwell Mawby</i>	GTA PROJECT # <i>11/020-10</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	OW-2	11/9/20	3:50 pm	GW	Chlorides + Conductivity
2	OW-7	11/9/20	3:30 pm	GW	Chlorides + Conductivity
3	OW-8	11/9/20	4:15 pm	GW	Chlorides + Conductivity
4	OW-9	11/9/20	3:00 pm	GW	Chlorides + Conductivity
5	OW-12	11/9/20	3:40 pm	GW	Chlorides + Conductivity
6	OW-14	11/9/20	5:00 pm	GW	Chlorides + Conductivity
7	OW-15	11/9/20	4:30 pm	GW	Chlorides + Conductivity
8	OW-16	11/9/20	4:45 pm	GW	Chlorides + Conductivity
9	OW-19	11/9/20	5:25 pm	GW	Chlorides + Conductivity
10	OW-10	11/9/20		GW	! !

BILL TO:
Breitbart

REPORT TO:
Otwell Mawby

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>11/10/20 @ 5pm</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>11/10/20 5:20</i>

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