

**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: 16-196

GTA ProjNo: 020222-6

Site Addr: SBC E-1

Sampled By: WPM/OMPC

Date Rec: 2/2/2022

Time Rec: 4:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	2/2/2022	12:50 PM	WATER
2	MW-5	2/2/2022	1:05 PM	WATER
3	MW-7	2/2/2022	12:35 PM	WATER
4	MW-8	2/2/2022	1:25 PM	WATER
5	MW-11	2/2/2022	2:10 PM	WATER
6	MW-13	2/2/2022	1:50 PM	WATER
7	MW-14	2/2/2022	2:30 PM	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

GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 1

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-1						
	CHLORIDE EPA 300.0	21	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	350	1.0	uS/cm@25C	TR	2/3/2022	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

GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 2

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 1:05 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-5						
	CHLORIDE EPA 300.0	100	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	630	1.0	uS/cm@25C	TR	2/3/2022	WATER

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GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 3

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 12:35 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-7						
	CHLORIDE EPA 300.0	76	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	600	1.0	uS/cm@25C	TR	2/3/2022	WATER

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GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 4

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 1:25 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-8						
	CHLORIDE EPA 300.0	45	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	400	1.0	uS/cm@25C	TR	2/3/2022	WATER

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 5

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 2:10 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-11						
	CHLORIDE EPA 300.0	190	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	950	1.0	uS/cm@25C	TR	2/3/2022	WATER

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 6

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 1:50 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-13						
	CHLORIDE EPA 300.0	150	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	870	1.0	uS/cm@25C	TR	2/3/2022	WATER

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 020222-6

PROJECT NO: 16-196

GTA SAMPLE NO: 7

LOCATION: SBC E-1

DATE SAMPLED: 2/2/2022

TIME SAMPLED: 2:30 PM

DATE RECEIVED: 2/2/2022

TIME RECEIVED: 4:30 PM

SAMPLED BY: MI
WPM/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: MW-14						
	CHLORIDE EPA 300.0	120	10	mg/L (PPM)	TR	2/3/2022	WATER
	CONDUCTIVITY SM2510-B	800	1.0	uS/cm@25C	TR	2/3/2022	WATER

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CHAIN OF CUSTODY

PROJECT NUMBER <i>16-196</i>	SITE NAME/ADDRESS <i>SBC E-1</i>	COMPANY/NAME <i>Beitorn</i>
SAMPLED BY <i>WPM</i>	COMPANY <i>DMPC</i>	GTA PROJECT # <i>020222-6</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<i>MW-1</i>	<i>2-2-22</i>	<i>1250</i>	<i>H₂O</i>	<i>Chlorides + Conductivity</i>
	<i>MW-5</i>	↓	<i>1305</i>	↓	↓
	<i>MW-7</i>		<i>1235</i>		
	<i>MW-8</i>		<i>1325</i>		
	<i>MW-11</i>		<i>1410</i>		
	<i>MW-13</i>		<i>1350</i>		
	<i>MW-14</i>		<i>1430</i>		

BILL TO:	TempRec: ☐ <i>0.30</i>	On Ice? ☒ <i>Y</i> ☐ <i>N</i>	REPORT TO: <i>Dan Barton</i>
RELEASED BY <i>[Signature]</i>	DATE/TIME <i>2-2-22 4:30</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>2/2/22 4:30</i>
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			