



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: 20-189
GTA ProjNo: 041221-2

Site Addr: STATE GARFIELD 1-9

Sampled By: SEAN CLARK/OMPC
Date Rec: 4/12/2021
Time Rec: 10:10 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	4/9/2021	5:00 PM	WATER
2	MW-3	4/9/2021	5:48 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
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COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-189
 LOCATION: STATE GARFIELD 1-9
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 041221-2
 GTA SAMPLE NO: 1
 DATE SAMPLED: 4/9/2021
 TIME SAMPLED: 5:00 PM
 DATE RECEIVED: 4/12/2021
 TIME RECEIVED: 10:10 AM

SAMPLED BY: SEAN CLARK/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/12/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 20-189
 LOCATION: STATE GARFIELD 1-9
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3

GTA PROJECT NO: 041221-2
 GTA SAMPLE NO: 2
 DATE SAMPLED: 4/9/2021
 TIME SAMPLED: 5:48 PM
 DATE RECEIVED: 4/12/2021
 TIME RECEIVED: 10:10 AM

SAMPLED BY: SEAN CLARK/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
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COMPANY: BREITBURN OPERATING
PROJECT NO: 20-189
LOCATION: STATE GARFIELD 1-9

GTA PROJECT NO: 041221-2
GTA SAMPLE NO: 1
DATE SAMPLED: 4/9/2021
TIME SAMPLED: 5:00 PM
DATE RECEIVED: 4/12/2021
TIME RECEIVED: 10:10 AM

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: MW-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/14/2021	WATER
	CONDUCTIVITY SM2510-B	310	1.0	uS/cm@25C	TR	4/14/2021	WATER

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



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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: MW-3						
	CHLORIDE EPA 300.0	64	10	mg/L (PPM)	TR	4/14/2021	WATER
	CONDUCTIVITY SM2510-B	590	1.0	uS/cm@25C	TR	4/14/2021	WATER

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

