



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: 20-182
GTA ProjNo: 100821-2

Site Addr: SBC GARFIELD 9 & 10

Sampled By: WPM/OMPC
Date Rec: 10/8/2021
Time Rec: 10:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	10/7/2021	4:51 PM	WATER
2	MW-2	10/7/2021	3:05 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

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COMPANY: BREITBURN OPERATING
PROJECT NO: 20-182
LOCATION: SBC GARFIELD 9 & 10
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 100821-2
GTA SAMPLE NO: 1
DATE SAMPLED: 10/7/2021
TIME SAMPLED: 4:51 PM
DATE RECEIVED: 10/8/2021
TIME RECEIVED: 10:30 AM
SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		10/9/2021	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: 20-182
 LOCATION: SBC GARFIELD 9 & 10
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 100821-2
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 3:05 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 10:30 AM

SAMPLED BY: WPM/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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 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	ND	10	mg/L (PPM)	TR	10/12/2021	WATER
	CONDUCTIVITY SM2510-B	250	1.0	uS/cm@25C	TR	10/12/2021	WATER

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

COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-182
 LOCATION: SBC GARFIELD 9 & 10

GTA PROJECT NO: 100821-2
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/7/2021
 TIME SAMPLED: 3:05 PM
 DATE RECEIVED: 10/8/2021
 TIME RECEIVED: 10:30 AM

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-2						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	10/12/2021	WATER
	CONDUCTIVITY SM2510-B	290	1.0	uS/cm@25C	TR	10/12/2021	WATER

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

