



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: 20-356
GTA ProjNo: 012422-3

Site Addr: SBC D-4

Sampled By: WPM/OMPC
Date Rec: 1/24/2022
Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	1/24/2022	1:30 PM	WATER
2	MW-2	1/21/2022	2:50 PM	WATER
3	MW-3	1/21/2022	3:00 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: 20-356
LOCATION: SBC D-4
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 012422-3
GTA SAMPLE NO: 1
DATE SAMPLED: 1/24/2022
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 1/24/2022
TIME RECEIVED: 4:05 PM
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>
Benzene	ND	1.0	ug/L (PPB)	MR		1/25/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 20-356
 LOCATION: SBC D-4
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 012422-3
 GTA SAMPLE NO: 2
 DATE SAMPLED: 1/21/2022
 TIME SAMPLED: 2:50 PM
 DATE RECEIVED: 1/24/2022
 TIME RECEIVED: 4:05 PM

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>
Benzene	ND	1.0	ug/L (PPB)	MR		1/25/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-356
 LOCATION: SBC D-4
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3

GTA PROJECT NO: 012422-3
 GTA SAMPLE NO: 3
 DATE SAMPLED: 1/21/2022
 TIME SAMPLED: 3:00 PM
 DATE RECEIVED: 1/24/2022
 TIME RECEIVED: 4:05 PM
 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>
Benzene	ND	1.0	ug/L (PPB)	MR		1/25/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-356
 LOCATION: SBC D-4

GTA PROJECT NO: 012422-3
 GTA SAMPLE NO: 1

DATE SAMPLED: 1/24/2022
 TIME SAMPLED: 1:30 PM
 DATE RECEIVED: 1/24/2022
 TIME RECEIVED: 4:05 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</u>
SAMPLE ID: MW-1	CHLORIDE EPA 300.0	280	10	mg/L (PPM)	TR	1/26/2022	WATER

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

COMPANY: BREITBURN OPERATING
 PROJECT NO: 20-356
 LOCATION: SBC D-4

GTA PROJECT NO: 012422-3
 GTA SAMPLE NO: 2
 DATE SAMPLED: 1/21/2022
 TIME SAMPLED: 2:50 PM
 DATE RECEIVED: 1/24/2022
 TIME RECEIVED: 4:05 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</u>
SAMPLE ID: MW-2	CHLORIDE EPA 300.0	54	10	mg/L (PPM)	TR	1/26/2022	WATER

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



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COMPANY: BREITBURN OPERATING
PROJECT NO: 20-356
LOCATION: SBC D-4

GTA PROJECT NO: 012422-3
GTA SAMPLE NO: 3

DATE SAMPLED: 1/21/2022
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 1/24/2022
TIME RECEIVED: 4:05 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</u>
	SAMPLE ID: MW-3 CHLORIDE EPA 300.0	90	10	mg/L (PPM)	TR	1/26/2022	WATER

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

