



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: BREITBURN OPERATING  
Name:  
ClientProj: 20-356  
GTA ProjNo: 112520-1

Site Addr: BREITBURN SBC-D4 #1

Sampled By: COOPER/OMPC  
Date Rec: 11/25/2020  
Time Rec: 9:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SS-1 NEW BASE	11/24/2020	11:08 AM	SOIL
2	SS-1 NEW BASE @ 3'	11/24/2020	11:20 AM	SOIL

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: 20-356  
 LOCATION: BREITBURN SBC-D4 #1

GTA PROJECT NO: 112520-1  
 GTA SAMPLE NO: 1

DATE SAMPLED: 11/24/2020  
 TIME SAMPLED: 11:08 AM  
 DATE RECEIVED: 11/25/2020  
 TIME RECEIVED: 9:00 AM

MI

SAMPLE MATRIX: SOIL  
 SAMPLE ID: SS-1 NEW BASE

SAMPLED BY: COOPER/OMPC

\*\*THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

**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	50	ug/Kg (PPB)	MR	11/24/2020	11/30/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING  
PROJECT NO: 20-356  
LOCATION: BREITBURN SBC-D4 #1  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SS-1 NEW BASE @ 3'

GTA PROJECT NO: 112520-1  
GTA SAMPLE NO: 2  
DATE SAMPLED: 11/24/2020  
TIME SAMPLED: 11:20 AM  
DATE RECEIVED: 11/25/2020  
TIME RECEIVED: 9:00 AM

SAMPLED BY: COOPER/OMPC  
\*\*THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

**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>
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COMPANY: BREITBURN OPERATING

NAME:  
PROJECT NO: 20-356

LOCATION: BREITBURN SBC-D4 #1  
  
MI

GTA PROJECT NO: 112520-  
SAMPLED BY: COOPER/OMPC

DATE SAMPLED: 11/24/2020  
TIME SAMPLED: 11:08 AM

SAMPLE MATRIX: SOIL

DATE RECEIVED: 11/25/2020  
TIME RECEIVED: 9:00 AM

**MOISTURE**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
	SAMPLE ID: SS-1 NEW BASE % MOISTURE EPA 3550C	5.4	0.050	% OF	AS	11/25/2020
	SAMPLE ID: SS-1 NEW BASE @ 3' % MOISTURE EPA 3550C	6.3	0.050	% OF SAMPLE	AS	11/25/2020

