

**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:

Site Addr: CONN MELLAND 1 FLOWLINE

GTA ProjNo: 080519-4

Sampled By: J. BEEHLER/BBOP
Date Rec: 8/5/2019
Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	N BASE 27' FRP 14' BG	8/5/2019	8:15 AM	SOIL
2	MIDDLE BASE 18' FRP 15' BG	8/5/2019	8:25 AM	SOIL
3	S BASE DERP 20' BG	8/5/2019	8:30 AM	SOIL
4	E WALL 20' FRP 10' BG	8/5/2019	8:35 AM	SOIL
5	E WALL 27' FRP 10' BG	8/5/2019	8:45 AM	SOIL
6	N WALL 30' FRP 10' BG	8/5/2019	9:00 AM	SOIL
7	N WALL (ESIRE) 30' FRP 10' BG	8/5/2019	9:10 AM	SOIL
8	S WALL (E) 10' FRP 8' BG	8/5/2019	9:15 AM	SOIL
9	S WALL 8' FRP 5' BG	8/5/2019	9:25 AM	SOIL
10	W WALL 27' FRP 10' BG	8/5/2019	9:40 AM	SOIL
11	W WALL 15' FRP 10' BG	8/5/2019	9:45 AM	SOIL
12	E SURFACE 36' FRP	8/5/2019	10:15 AM	SOIL
13	E SURFACE 24' FRP	8/5/2019	10:20 AM	SOIL
14	E SURFACE 34' FRP	8/5/2019	10:25 AM	SOIL
15	S SURFACE 15' FRP	8/5/2019	10:30 AM	SOIL
16	N SURFACE 50' FRP	8/5/2019	10:35 AM	SOIL
17	W SURFACE 40' FRP	8/5/2019	10:40 AM	SOIL
18	W SURFACE 60' FRP	8/5/2019	10:45 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 L Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: N BASE 27'FRP 14'BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 1
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:15 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

**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		8/5/2019	8/7/2019	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

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: MIDDLE BASE 18' FRP 15'BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 2
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:25 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/6/2019	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					

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: S BASE DERP 20' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 3
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:30 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/6/2019	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					

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: E WALL 20' FRP 10' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 4
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:35 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/6/2019	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					

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: E WALL 27'FRP 10' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 5
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:45 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/6/2019	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					

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: N WALL 30' FRP 10' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 6
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:00 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/6/2019	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					

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: N WALL (ESIRE) 30' FRP 10' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 7
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:10 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/6/2019	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					

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: S WALL (E) 10' FRP 8' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 8
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:15 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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					

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: S WALL 8' FRP 5' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 9
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:25 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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.

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: W WALL 27' FRP 10' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 10
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:40 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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.

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: W WALL 15' FRP 10' BG

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 11
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:45 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP
**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		8/5/2019	8/7/2019	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					

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: E SURFACE 36' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 12
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:15 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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					

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: E SURFACE 24' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 13
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:20 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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					

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: E SURFACE 34' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 14
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:25 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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					

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: S SURFACE 15' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 15
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

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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		8/5/2019	8/7/2019	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					

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LOD = LIMIT OF DETECTION

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: N SURFACE 50' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 16
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:35 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

**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		8/5/2019	8/7/2019	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:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: W SURFACE 40' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 17
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:40 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

**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		8/5/2019	8/7/2019	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:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: W SURFACE 60' FRP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 18
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLED BY: J. BEEHLER/BBOP

**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		8/5/2019	8/7/2019	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

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 1
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:15 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: N BASE 27'FRP 14'BG CHLORIDE EPA 300.0	ND	51	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 2
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:25 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MIDDLE BASE 18' FRP 15'BG						
	CHLORIDE EPA 300.0	3,500	50	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 3
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:30 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: S BASE DERP 20' BG CHLORIDE EPA 300.0	6,800	530	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 4
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:35 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: E WALL 20' FRP 10' BG CHLORIDE EPA 300.0	ND	54	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 5
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 8:45 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: E WALL 27'FRP 10' BG CHLORIDE EPA 300.0	190	49	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 6
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:00 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: N WALL 30' FRP 10' BG CHLORIDE EPA 300.0	ND	50	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 7
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:10 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: N WALL (ESIRE) 30' FRP 10' BG						
	CHLORIDE EPA 300.0	92	51	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 8
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:15 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: S WALL (E) 10' FRP 8' BG CHLORIDE EPA 300.0	ND	52	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 9
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:25 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: S WALL 8' FRP 5' BG CHLORIDE EPA 300.0	ND	53	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 10
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:40 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: W WALL 27' FRP 10' BG CHLORIDE EPA 300.0	ND	50	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 11
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 9:45 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: W WALL 15' FRP 10' BG CHLORIDE EPA 300.0	250	50	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 12
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:15 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: E SURFACE 36' FRP CHLORIDE EPA 300.0	ND	49	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 13
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:20 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: E SURFACE 24' FRP CHLORIDE EPA 300.0	ND	50	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 14
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:25 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: E SURFACE 34' FRP CHLORIDE EPA 300.0	ND	48	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 15
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: S SURFACE 15' FRP CHLORIDE EPA 300.0	ND	51	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

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FAX: 231-929-0894

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 16
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:35 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: N SURFACE 50' FRP CHLORIDE EPA 300.0	ND	49	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 17
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:40 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: W SURFACE 40' FRP CHLORIDE EPA 300.0	ND	53	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

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COMPANY: BREITBURN OPERATING
PROJECT NO:
LOCATION: CONN MELLAND 1 FLOWLINE
MI
SAMPLED BY: J. BEEHLER/BBOP

GTA PROJECT NO: 080519-4
GTA SAMPLE NO: 18
DATE SAMPLED: 8/5/2019
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 8/5/2019
TIME RECEIVED: 4:05 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: W SURFACE 60' FRP CHLORIDE EPA 300.0	ND	53	mg/Kg (PPM)	LV	8/6/2019	SOIL

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

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 080519-4

NAME:

SAMPLED BY: J. BEEHLER/BBOP

PROJECT NO:

DATE SAMPLED: 8/5/2019

TIME SAMPLED: 8:15 AM

LOCATION: CONN MELLAND 1 FLOWLINE

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/5/2019

TIME RECEIVED: 4:05 PM

MI

MOISTURE

No:	Analysis	Concentration	LOD	Units	Analyst	Date Complete
	SAMPLE ID: N BASE 27'FRP 14'BG					
	% MOISTURE EPA 3550C	2.2	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: MIDDLE BASE 18' FRP 15'BG					
	% MOISTURE EPA 3550C	3.2	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: S BASE DERP 20' BG					
	% MOISTURE EPA 3550C	6.1	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: E WALL 20' FRP 10' BG					
	% MOISTURE EPA 3550C	7.5	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: E WALL 27'FRP 10' BG					
	% MOISTURE EPA 3550C	2.8	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: N WALL 30' FRP 10' BG					
	% MOISTURE EPA 3550C	2.7	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: N WALL (ESIRE) 30' FRP 10' BG					
	% MOISTURE EPA 3550C	4.0	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: S WALL (E) 10' FRP 8' BG					
	% MOISTURE EPA 3550C	4.1	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: S WALL 8' FRP 5' BG					
	% MOISTURE EPA 3550C	6.3	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: W WALL 27' FRP 10' BG					
	% MOISTURE EPA 3550C	5.7	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: W WALL 15' FRP 10' BG					
	% MOISTURE EPA 3550C	3.1	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: E SURFACE 36' FRP					
	% MOISTURE EPA 3550C	1.8	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: E SURFACE 24' FRP					
	% MOISTURE EPA 3550C	3.1	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: E SURFACE 34' FRP					
	% MOISTURE EPA 3550C	3.2	0.050	% OF SAMPLE	AS	8/6/2019

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COMPANY: BREITBURN OPERATING

GTA PROJECT NO: 080519-4

NAME:

SAMPLED BY: J. BEEHLER/BBOP

PROJECT NO:

DATE SAMPLED: 8/5/2019

TIME SAMPLED: 10:30 AM

LOCATION: CONN MELLAND 1 FLOWLINE

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/5/2019

TIME RECEIVED: 4:05 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
	SAMPLE ID: S SURFACE 15' FRP % MOISTURE EPA 3550C	5.5	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: N SURFACE 50' FRP % MOISTURE EPA 3550C	6.1	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: W SURFACE 40' FRP % MOISTURE EPA 3550C	6.2	0.050	% OF SAMPLE	AS	8/6/2019
	SAMPLE ID: W SURFACE 60' FRP % MOISTURE EPA 3550C	6.6	0.050	% OF SAMPLE	AS	8/6/2019

CHAIN OF CUSTODY

PROJECT NUMBER CONN MELLAND 1 FLOWLINE	SITE NAME/ADDRESS BREITBURN	COMPANY/NAME BREITBURN
SAMPLED BY J. BEEHLER	COMPANY BREITBURN/MAVERICK	GTA PROJECT # 080519-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	N BASE 2' FRP 14' BG	8-5-19	845am	SOIL	BTEX+4, CHLORIDES
2	MIDDLE BASE 10' FRP 15' BG	8-5-19	825am	SOIL	BTEX+4, CHLORIDES
3	S BASE 10' FRP 20' BG	8-5-19	830am	SOIL	BTEX+4, CHLORIDES
4	E WALL 20' FRP 10' BG	8-5-19	835am	SOIL	BTEX+4, CHLORIDES
5	E WALL 27' FRP 10' BG	8-5-19	845am	SOIL	BTEX+4, CHLORIDES
6	N WALL 30' FRP 10' BG	8-5-19	900am	SOIL	BTEX+4, CHLORIDES
7	N WALL (E) 30' FRP 10' BG	8-5-19	910am	SOIL	BTEX+4, CHLORIDES -
8	S WALL (E) 10' FRP 8' BG	8-5-19	915am	SOIL	BTEX+4, CHLORIDES -
9	S WALL 8' FRP 5' BG	8-5-19	925am	SOIL	BTEX+4, CHLORIDES -
10	W WALL 27' FRP 10' BG	8-5-19	940am	SOIL	BTEX+4, CHLORIDES
11	W WALL 15' FRP 10' BG	8-5-19	945am	SOIL	BTEX+4, CHLORIDES
12	E SURFACE 36' FRP	8-5-19	1015am	SOIL	BTEX+4, CHLORIDES
13	E SURFACE 24' FRP	8-5-19	1020am	SOIL	BTEX+4, CHLORIDES
14	E SURFACE 34' FRP	8-5-19	1025am	SOIL	BTEX+4, CHLORIDES
15	S SURFACE 15' FRP	8-5-19	1030am	SOIL	BTEX+4, CHLORIDES

BILL TO:

REPORT TO:

Per 1.00L on file

RELEASED BY Jim Beehler	DATE/TIME 8-5-19 4:05 PM	RECEIVED BY K. Chen	DATE/TIME 8/5/19 4:05 PM
		Per 1.00L	

REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☒ 3 BUSINESS DAYS

INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

CHAIN OF CUSTODY

PROJECT NUMBER CONN MELLAND 1 FLOW LINE	SITE NAME/ADDRESS	COMPANY/NAME BREITBURN
SAMPLED BY J. BEEHLER	COMPANY BREITBURN / MAVERICK	GTA PROJECT # 080519-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	N SURFACE 50' FRP	8-5-19	1035L	SOIL	BTEX +4 CHLORIDES
17	W SURFACE 40' FRP	8-5-19	1040M	SOIL	BTEX +4 CHLORIDES
18	W SURFACE 20' FRP	8-5-19	1045M	SOIL	BTEX +4 CHLORIDES

BILL TO: BREITBURN

REPORT TO:

rec 1.0% on ice

RELEASED BY **DATE/TIME**

RECEIVED BY

DATE/TIME

Jeri Beehler 8-5-19 4:05A

K. U. 8/5/19 4:05P

REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☒ 3 BUSINESS DAYS