



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: 00-038
GTA ProjNo: 080720-8

Site Addr: DYAR 1-1

Sampled By: JOSE MEMBRILLO/OMPC
Date Rec: 8/7/2020
Time Rec: 2:02 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-7	8/7/2020	10:30 AM	WATER
2	OW-8	8/7/2020	11:00 AM	WATER
3	OW-12	8/7/2020	11:30 AM	WATER
4	OW-14	8/7/2020	12:00 PM	WATER
5	OW-15	8/7/2020	12:30 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
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
SAMPLED BY: JOSE MEMBRILLO/OMPC

GTA PROJECT NO: 080720-8
GTA SAMPLE NO: 1
DATE SAMPLED: 8/7/2020
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 8/7/2020
TIME RECEIVED: 2:02 PM

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: OW-7						
	CHLORIDE EPA 300.0	96	10	mg/L (PPM)	LV	8/7/2020	WATER
	CONDUCTIVITY SM2510-B	940	1.0	uS/cm@25C	LV	8/7/2020	WATER

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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1

GTA PROJECT NO: 080720-8
GTA SAMPLE NO: 2
DATE SAMPLED: 8/7/2020
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 8/7/2020
TIME RECEIVED: 2:02 PM

MI
SAMPLED BY: JOSE MEMBRILLO/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: OW-8						
	CHLORIDE EPA 300.0	67	10	mg/L (PPM)	LV	8/7/2020	WATER
	CONDUCTIVITY SM2510-B	970	1.0	uS/cm@25C	LV	8/7/2020	WATER

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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
SAMPLED BY: JOSE MEMBRILLO/OMPC

GTA PROJECT NO: 080720-8
GTA SAMPLE NO: 3
DATE SAMPLED: 8/7/2020
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 8/7/2020
TIME RECEIVED: 2:02 PM

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: OW-12						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/10/2020	WATER
	CONDUCTIVITY SM2510-B	590	1.0	uS/cm@25C	LV	8/10/2020	WATER

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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
SAMPLED BY: JOSE MEMBRILLO/OMPC

GTA PROJECT NO: 080720-8
GTA SAMPLE NO: 4
DATE SAMPLED: 8/7/2020
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 8/7/2020
TIME RECEIVED: 2:02 PM

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: OW-14						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/10/2020	WATER
	CONDUCTIVITY SM2510-B	460	1.0	uS/cm@25C	LV	8/10/2020	WATER

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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: BREITBURN OPERATING
PROJECT NO: 00-038
LOCATION: DYAR 1-1
MI
SAMPLED BY: JOSE MEMBRILLO/OMPC

GTA PROJECT NO: 080720-8
GTA SAMPLE NO: 5
DATE SAMPLED: 8/7/2020
TIME SAMPLED: 12:30 PM
DATE RECEIVED: 8/7/2020
TIME RECEIVED: 2:02 PM

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: OW-15						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/10/2020	WATER
	CONDUCTIVITY SM2510-B	610	1.0	uS/cm@25C	LV	8/10/2020	WATER

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

