



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: BECKMAN PRODUCTION SERVICES
Name:
ClientProj: 2021570001.01
GTA ProjNo: 062223-13

Site Addr: CORLEW 1-3 SWD

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 6/22/2023
Time Rec: 3:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-8	6/21/2023		WATER
2	MW-9	6/21/2023		WATER
3	MW-24M	6/21/2023		WATER
4	MW-24D	6/21/2023		WATER
5	MW-25M	6/21/2023		WATER
6	MW-25D	6/21/2023		WATER
7	MW-26M	6/21/2023		WATER
8	MW-26D	6/21/2023		WATER
9	MW-28	6/21/2023		WATER
10	GSI-3	6/21/2023		WATER
11	GSI-9	6/21/2023		WATER
12	GSI-10	6/21/2023		WATER
13	GSI-11	6/21/2023		WATER
14	MW-1	6/22/2023		WATER
15	MW-21D	6/22/2023		WATER
16	MW-22S	6/22/2023		WATER
17	MW-22M	6/22/2023		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

COMPANY: BECKMAN PRODUCTION SERVICES
 PROJECT NO: 2021570001.01
 LOCATION: CORLEW 1-3 SWD
 MI
 SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 062223-13
 GTA SAMPLE NO: 7
 DATE SAMPLED: 6/21/2023
 TIME SAMPLED:
 DATE RECEIVED: 6/22/2023
 TIME RECEIVED: 3:10 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:	MW-26M	ND	10	mg/L (PPM)	KC/TR	6/28/2023	WATER
	CHLORIDE EPA 300.0						

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



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COMPANY: BECKMAN PRODUCTION SERVICES
PROJECT NO: 2021570001.01
LOCATION: CORLEW 1-3 SWD
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 062223-13
GTA SAMPLE NO: 11
DATE SAMPLED: 6/21/2023
TIME SAMPLED:
DATE RECEIVED: 6/22/2023
TIME RECEIVED: 3:10 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: GSI-9						
	CHLORIDE EPA 300.0	1,200	50	mg/L (PPM)	KC/TR	6/28/2023	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	3,500	5.0	mg/L (PPM)	TR	6/27/2023	WATER

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LOD = LIMIT OF DETECTION
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DISS = DISSOLVED



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COMPANY: BECKMAN PRODUCTION SERVICES
PROJECT NO: 2021570001.01
LOCATION: CORLEW 1-3 SWD

GTA PROJECT NO: 062223-13
GTA SAMPLE NO: 12
DATE SAMPLED: 6/21/2023
TIME SAMPLED:
DATE RECEIVED: 6/22/2023
TIME RECEIVED: 3:10 PM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

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: GSI-10							
	CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	6/28/2023	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	300	5.0	mg/L (PPM)	TR	6/27/2023	WATER

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



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COMPANY: BECKMAN PRODUCTION SERVICES
PROJECT NO: 2021570001.01
LOCATION: CORLEW 1-3 SWD

GTA PROJECT NO: 062223-13
GTA SAMPLE NO: 14
DATE SAMPLED: 6/22/2023
TIME SAMPLED:
DATE RECEIVED: 6/22/2023
TIME RECEIVED: 3:10 PM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

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	34	10	mg/L (PPM)	KC/TR	6/28/2023	WATER

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

COMPANY: BECKMAN PRODUCTION SERVICES
 PROJECT NO: 2021570001.01
 LOCATION: CORLEW 1-3 SWD
 MI
 SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 062223-13
 GTA SAMPLE NO: 15
 DATE SAMPLED: 6/22/2023
 TIME SAMPLED:
 DATE RECEIVED: 6/22/2023
 TIME RECEIVED: 3:10 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: MW-21D	CHLORIDE EPA 300.0	4,100	500	mg/L (PPM)	KC/TR	6/28/2023	WATER

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

COMPANY: BECKMAN PRODUCTION SERVICES
 PROJECT NO: 2021570001.01
 LOCATION: CORLEW 1-3 SWD
 MI
 SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 062223-13
 GTA SAMPLE NO: 16
 DATE SAMPLED: 6/22/2023
 TIME SAMPLED:
 DATE RECEIVED: 6/22/2023
 TIME RECEIVED: 3:10 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: MW-22S	CHLORIDE EPA 300.0	3,200	500	mg/L (PPM)	KC/TR	6/28/2023	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2021570001.01	SITE NAME/ADDRESS Cortew I-3 SWD	COMPANY/NAME Beckman Production Services
SAMPLED BY Joshua Gervie	COMPANY Gosling Centak	GTA PROJECT # 062223-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-8	6-21-23		GW	Chloride
2	MW-9	↓		↓	↓
3	MW-24M				
4	MW-24D				
5	MW-25M				
6	MW-25D				
7	MW-26M				
8	MW-26D				
9	MW-28				
10	GSI-3				
11	GSI-9	↓		↓	↓
12	GSI-10				
13	GSI-11				
14	MW-1	6-22-23			Chloride
15	MW-21P	↓		↓	↓

BILL TO: GCS	TempRec: <input type="checkbox"/> 3.10°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Jeff Simsa
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RELEASED BY <i>[Signature]</i>	DATE/TIME 6-22-23/1510	RECEIVED BY <i>[Signature]</i>	DATE/TIME 6/22/23 1510
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

