



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: BECKMAN PRODUCTIONS
Name:
ClientProj: 180335-0100
GTA ProjNo: 070919-9

Site Addr: CORLEW
Sampled By: NJ/ECT
Date Rec: 7/9/2019
Time Rec: 1:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	7/9/2019		WATER
2	MW-2	7/9/2019		WATER
3	MW-3	7/9/2019		WATER
4	MW-4	7/9/2019		WATER
5	MW-5	7/9/2019		WATER
6	MW-6	7/9/2019		WATER
7	MW-7	7/9/2019		WATER
8	MW-8	7/9/2019		WATER
9	MW-9	7/9/2019		WATER
10	MW-10	7/9/2019		WATER
11	MW-11	7/9/2019		WATER
12	MW-13	7/9/2019		WATER
13	MW-14	7/9/2019		WATER
14	MW-15	7/9/2019		WATER
15	MW-16	7/9/2019		WATER
16	MW-17	7/9/2019		WATER
17	MW-18	7/9/2019		WATER
18	MW-19	7/9/2019		WATER
19	MW-20	7/9/2019		WATER
20	PW-2	7/9/2019		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 L 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 PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 1
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-1	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	7/9/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 2
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-2	CHLORIDE EPA 300.0	590	50	mg/L (PPM)	LV	7/9/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-3 CHLORIDE EPA 300.0	380	10	mg/L (PPM)	LV	7/9/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-4 CHLORIDE EPA 300.0	150	10	mg/L (PPM)	LV	7/9/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 5
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-5	CHLORIDE EPA 300.0	1,600	100	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 6
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-6 CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 7
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-7	CHLORIDE EPA 300.0	840	50	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 8
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-8	CHLORIDE EPA 300.0	260	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 9
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-9	CHLORIDE EPA 300.0	490	20	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 10
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-10 CHLORIDE EPA 300.0	140	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 11
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-11 CHLORIDE EPA 300.0	210	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 12
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-13	CHLORIDE EPA 300.0	440	20	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 13
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-14 CHLORIDE EPA 300.0	210	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 14
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-15	CHLORIDE EPA 300.0	12,000	1,000	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 15
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-16 CHLORIDE EPA 300.0	760	50	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 16
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-17	CHLORIDE EPA 300.0	53	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 17
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-18 CHLORIDE EPA 300.0	2,200	50	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 18
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-19 CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 19
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: MW-20 CHLORIDE EPA 300.0	93	10	mg/L (PPM)	LV	7/10/2019	WATER

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

COMPANY: BECKMAN PRODUCTIONS
 PROJECT NO: 180335-0100
 LOCATION: CORLEW

GTA PROJECT NO: 070919-9
 GTA SAMPLE NO: 20
 DATE SAMPLED: 7/9/2019
 TIME SAMPLED:
 DATE RECEIVED: 7/9/2019
 TIME RECEIVED: 1:30 PM

SAMPLED BY: MI
 NJ/ECT

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: PW-2	CHLORIDE EPA 300.0	2,600	500	mg/L (PPM)	LV	7/10/2019	WATER

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

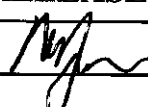
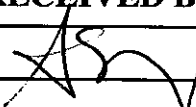
CHAIN OF CUSTODY

PROJECT NUMBER ! 80335-0100	SITE NAME/ADDRESS Corlew	COMPANY/NAME Beckman
SAMPLED BY NJ	COMPANY ECT	GTA PROJECT # 070919-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	7-9-19		WTR	CL
2	MW-2	↓		↓	↓
3	MW-3				
4	MW-4				
5	MW-5				
6	MW-6				
7	MW-7				
8	MW-8				
9	MW-9				
10	MW-10				
11	MW-11				
12	MW-13				
13	MW-14				
14	MW-15				
15	MW-16				

BILL TO: Beckman	REPORT TO: LISA
----------------------------	---------------------------

RELEASED BY 	DATE/TIME 7-9-19	RECEIVED BY 	DATE/TIME 7/9/19 1:30
--	----------------------------	---	---------------------------------

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

