



COTTER CORPORATION

CANON CITY OPERATIONS

63000022020E

0502 FREMONT COUNTY ROAD 68
CANON CITY, COLORADO 81212

April 18, 1984

SUBJECT: WATER QUALITY REPORT
FOR JANUARY 1984 (1-84)
FILE NO: 1011K8610-50-6

Mr. Albert J. Hazle, Director
Radiation and Hazardous Waste
Control Division
Colorado Department of Health
4210 East 11th Avenue
Denver, Colorado 80220



Dear Mr. Hazle:

Attached please find the above captioned report(s). If you have any questions regarding the report(s), please contact me.

Sincerely,

COTTER CORPORATION

Jim Cain
Radiation Safety Officer

JC:pd

Attachments

cc: Mr. J. E. Rothfleisch
Mr. Tim Smith
Mr. Larry Cox
Attached List

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PDR WASTE
WM-3 PDR

01087

Cotter Corporation

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Colorado Department of Health
4210 East 11th Avenue
Denver, Colorado 80220

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Pueblo Regional Office
Colorado Department of Health
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Fremont County Court House
Canon City, Colorado 81212

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Canon City, Colorado 81212

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Canon City Library
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Canon City, Colorado 81212

Canon City Citizen's Committee
c/o Mrs. Emily Tracy
612 North 11th Street
Canon City, Colorado 81212

DATE 04/18/84
 REPORT FOR MONTH OF JAN 1984

CERTIFICATE OF WATER ANALYSIS
 COTTER CORPORATION
 P.O. BOX 751
 CANON CITY, COLORADO 81212

PAGE 1
 TIME 8:18:04
 PROGRAM - LAB017

LOC NO.	DATE	WATER DEPTH MP	TEMP. C	PH	UMHD COND.	U	MO	V	SE	CL	SO4	CO3	TDS	FCI/L			
														IRA226	TH230	PB210	
0106	1/31	76.0	16.0	8.1	2100	<0.05	<0.05	<0.05	<0.005	65	900	<10	1980	0.8	0.2	0.6	-0.2
0119	1/25	20.05	15.0	7.55	430	0.07	0.29	<0.05	<0.005	18	138	<10	360	0.4	0.0	0.7	1.7
0120	1/25	21.0	16.0	6.9	415	<0.05	0.23	<0.05	<0.005	14	33	<10	260	0.3	0.0	0.6	0.8
0122	1/25	NA	15.5	7.05	550	0.12	0.43	<0.05	<0.005	10	87	<10	370	0.1	0.0	0.8	0.0
0123	1/11	29.2	12.5	7.25	490	0.06	0.37	<0.05	<0.005	23	157	<10	410	0.4	-0.1	0.4	-0.3
124	1/25	NA	17.0	7.2	580	0.18	0.480	<0.05	<0.005	15	55	<10	380	0.1	0.0	0.5	1.6
0129	1/11	NA	13.0	7.15	430	0.06	0.44	<0.05	<0.005	15	66	<10	330	0.0	0.0	0.5	0.2
0137	1/11	33.6	12.0	7.4	460	<0.05	<0.05	<0.05	0.006	20	84	<10	360	0.2	0.0	0.0	-0.2
0138	1/11	40.1	11.5	7.7	1350	0.50	7.0	<0.05	<0.005	58	700	<10	1380	0.2	0.0	-0.2	0.4
0139	1/11	37.0	12.5	7.2	1750	0.40	4.4	<0.05	0.009	100	957	<10	2000	0.5	0.0	0.0	0.4
0140	1/11	37.85	14.0	7.3	1050	0.31	3.7	<0.05	0.005	41	471	<10	990	0.3	0.1	0.4	0.3
0141	1/11	70.7	15.0	7.4	1400	<0.05	<0.05	<0.05	<0.005	45	403	<10	1310	0.1	0.0	0.2	0.1
0144	1/11	23.8	12.0	7.15	650	0.05	0.39	<0.05	<0.005	25	106	<10	540	0.1	-0.1	0.7	-0.1
0303	1/11	NA	11.0	7.15	4200	3.3	23.2	<0.05	0.141	310	2822	<10	5600	0.5	0.2	1.5	0.9
0312	1/25	14.8	15.0	7.85	7500	5.6	34.2	<0.05	0.083	260	4860	<10	8370	0.2	0.1	1.6	2.6

COLLECTED BY
 TOM MCDOWELL, JR.
 MARK CURREY
 DEAN HERRERA

REPORT NO. 01-84

ANALYSTS

MIKE KRAUTH, MIKE GOFF
 DENNIS HULSEY, LARRY SWOPE
 MARTIN PIXLER
 CAMP, DRESSER & MCKEE, INC.

#DATE 04/18/84
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 P.O. BOX 751
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PAGE 2
 TIME 9:18:04
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LOG NO.	DATE	WATER DEPTH MP	TEMP. C	PH	UMHD CM	MG/L										PCI/L		
						COND. I	U	MO	V	SE	CL	SO4	CO3	TDS	RA226		TH230	PR210
0313	1/25	14.5	15.5	7.7	7500	6.0		38.8	<0.05	0.089	250	4460	<10	7830	0.6	0.0	0.9	1.5
0314	1/25	20.0	16.0	7.6	1100	<0.05		<0.05	<0.05	<0.005	19	425	<10	790	0.8	-0.1	0.5	1.1
0315	1/28	NA	16.0	10.1	900	<0.05		0.5	<0.05	<0.005	23	111	360	630	-0.1	2.2	0.6	-0.2
0316	1/28	NA	14.05	10.25	880	<0.05		<0.05	<0.05	<0.005	28	178	340	650	0.1	4.9	0.6	-0.1
0317	1/28	NA7	13.5	9.9	3550	<0.05		<0.05	<0.05	<0.005	20	2020	260	3430	1.8	0.1	0.6	-0.2
0324	1/29	114.0	14.0	7.35	750	<0.05		<0.05	<0.05	<0.005	25	200	<10	620	2.1	0.4	0.6	0.1
0325	1/24	38.95	15.0	7.1	3100	<0.05		<0.05	<0.05	0.081	100	1420	<10	3350	0.8	0.6	0.8	0.0
0328	1/28	NA	17.0	9.05	1150	<0.05		<0.05	<0.05	<0.005	74	12	180	790	0.6	0.6	0.6	0.2
0329	1/16	23.1	11.0	6.95	1450	0.07		<0.05	<0.05	0.006	100	934	<10	1780	1.4	-0.1	1.0	2.0
0330	1/16	20.7	11.5	7.2	4800	4.6		19.7	<0.05	0.053	245	3670	<10	9360	0.3	0.8	1.4	1.1
0331	1/16	25.6	10.0	7.45	4250	3.3		22.4	<0.05	0.071	255	3450	<10	7320	0.6	0.0	0.9	1.6
0502	1/10	NA	5.0	7.7	155	<0.05		<0.05	<0.05	<0.005	11	37	<10	140	-0.1	0.0	-0.1	-0.1
0504	1/10	NA	6.0	7.85	185	<0.05		<0.05	<0.05	<0.005	14	63	<10	160	0.0	0.0	-0.1	-0.3
0505	1/11	NA	10.0	8.25	2100	2.6		4.4	<0.05	0.048	155	1360	<10	2640	0.2	0.0	1.3	1.0
0701	1/11	NA	10.0	7.1	18500	108		250	<0.05	0.273	1200	20270	<10	35330	0.6	0.6	15	5.0

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LOC NO.	DATE	WATER DEPTH BELOW MP	TEMP. C	PH	UMHD CH COND.	U	MD	V	SE	CL	SO4	CO3	TDS1	RA226	TH230	PB210	PO210	PC/L	
																		1.5	3.6
0701	1/25	NA	13.0	7.1	23000	111	271	<0.05	0.118	1100	20500	<10	35720	0.4	0.0	1.5	3.6		
0710	1/17	NA	13.0	7.0	5200	0.51	0.150	<0.05	0.788	1030	1810	<10	6290	0.3	0.1	0.3	0.9		
0710	1/30	NA	14.0	6.95	5500	0.54	0.12	<0.05	0.92	1050	1790	<10	6140	0.3	0.1	1.4	0.4		
0712	1/17	NA	14.0	7.2	7500	7.9	20.3	0.05	0.630	860	4090	<10	10260	0.0	0.0	2.9	1.5		
0712	1/30	NA	14.5	7.15	8200	8.0	21.6	<0.05	0.68	880	4300	<10	10110	0.0	0.0	1.5	0.8		
0714	1/11	NA	9.0	7.45	3350	3.7	11.3	<0.05	0.133	260	2262	<10	4470	0.1	-0.1	2.5	0.8		
0714	1/29	NA	12.0	7.25	3500	3.8	10.6	<0.05	0.089	270	2320	<10	4500	0.1	0.9	0.8	0.5		
0715	1/11	NA	8.0	7.4	2200	2.0	2.8	<0.05	0.080	160	1224	<10	2700	0.1	0.2	1.4	-0.1		
0715	1/29	NA	13.0	7.2	2450	2.3	2.7	<0.05	0.096	165	1360	<10	2800	0.2	0.0	1.6	0.6		
0716	1/11	NA	11.5	7.5	2000	1.3	1.5	<0.05	0.065	130	1137	<10	2390	0.3	0.0	0.5	0.5		
0716	1/29	NA	12.0	7.45	2150	1.5	1.5	<0.05	0.073	130	1210	<10	2350	0.2	0.2	0.9	0.0		

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