

PDR

M-6

LAW OFFICES
EDWARD J. McGRATH
14TH FLOOR
51 MONROE STREET
ROCKVILLE, MARYLAND 20850
(301) 340-0600
July 27, 1979



Dr. Ray Cooperstein
U.S. Nuclear Regulatory Commission
1915 Eastern Avenue
Silver Spring, Maryland 20907

Re: Cotter Corporation
Canon City Mill Expansion

Dear Dr. Cooperstein:

Pursuant to our conversation of today, enclosed is a copy of a letter, dated July 19, 1979, from Bill Chappell of the University of Colorado Environmental Trace Substances Research Program. The attached correspondence, dated April 26, 1968, from a County Extension Agent in Colorado to the Department of Health, pertains to the Bosco well, and was found by Dr. Chappell in the files of a previous study done by the University near the Cotter site.

Sincerely yours,

Edward J. McGrath

EJM:jcb

Encls.

cc: James Montgomery
Colorado Department of Health

FEE EXEMPT

597-257

7 908170184

13677

THE ENVIRONMENTAL TRACE SUBSTANCES RESEARCH PROGRAM
E.T.S.R.P.

University of Colorado

July 19, 1979

Mr. Edward McGrath
14th Floor
51 Monroe Street
Rockville, Maryland 20850

Dear Ed:

I am enclosing a letter that I found in our files relating to the original problem at Bosco's farm. I thought that I had seen a vet's report, but I can't find it. Maybe this will help you track it down since it identifies the extension agent.

The description in the third paragraph involves the two most common and noticable symptoms associated with molybdenosis in cattle.

I hope this is helpful.

Sincerely yours,

Will
Willard R. Chappell
Director

WRC/rs

RECEIVED

JUL 27 1979

EDWARD J. McGRATH

597-258

COOPERATIVE EXTENSION SERVICE

COLORADO STATE UNIVERSITY

COUNTY EXTENSION OFFICE
COUNTY COURT HOUSE
CANON CITY, COLORADO

TELEPHONE 275 7573

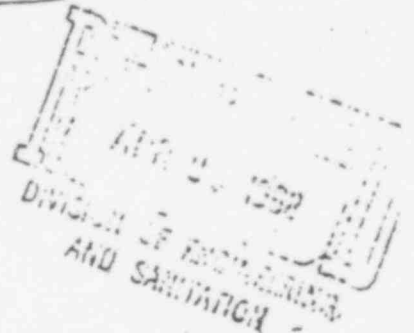
April 26, 1968

0956 2000 1115³ 4/30
157 2000 656³ -

*Arvenico - p
cyanide - not done*

Art Graber
State Sanitarian
Colorado State Dept. of Public Health
4210 E. 11th Ave.
Denver, Colorado 80220

1778-58



Dear Mr. Graber:

Mrs. Randall, our county nurse, said you were in the Canon City area last week but I was unable to contact you while you were here. Probably her secretary gave you some information regarding a "toxic well water" condition to livestock, which exists at the Dominic Bosco residence at 1428 Cedar Ave. here in Canon City.

I visited with Mrs. Bosco this morning but she said you had not contacted her as yet. I would like to know if you might be able to provide her with assistance in testing her well and an alfalfa forage sample for abnormally high mineral concentrations.

Over the past several years, their livestock have experienced diarrhea and general unthriftiness from using their well water for drinking. Also, it appears they are unable to feed alfalfa hay which has been watered from either of two wells on their place.

Both wells have been tested for bacteria and found to be suitable for home use, however, they are now using city water for their household use. This past year, they have also been forced to use city water for their livestock as well due to the toxic condition which results.

Since they are also unable to feed alfalfa hay from the field, the forage grown has become useless to them for livestock feed. Veterinarians have inspected the cattle but have been unable to determine what might be causing the toxicity.

379-3336 - Mancoll, Dave - Cotter Corp. (Golden)
Ed Ragsley - State Health
Bill Penn - Chemist
388-6111
597-259

POOR ORIGINAL

I have contacted our nutritionist at Colorado State University but they evidently do not have facilities to run tests of water or forage for specific mineral concentrations without excessive cost involved. A local chemist indicated the water showed high concentrations of Magnesium but this has not been positively isolated to my knowledge.

I have been working with the Bosco family for over a year on this problem but as yet I am sorry to say I have been very little assistance to them. Their residence is located approximately 3/4 mile to 1 mile from the Cotter Corporation which as you may know process Uranium for commercial concerns. Some suspicions have been raised regarding the possibility of high mineral concentrations entering the ground water from their tailings pond. Mrs. Bosco said the wells have been used for many years but the trouble has existed only the last 4 or 5.

I would appreciate it very much if your office could provide assistance to Mr. & Mrs. Bosco in determining what the toxicity is caused from, how it might be entering the wells and what might be done to correct the situation, if anything. I would recommend both a water analysis and forage analysis if your office has the facilities to do this.

I realize the background information I have provided is certainly incomplete and I would be happy to visit with you further regarding this problem. The Boscos are quite concerned about correcting this situation if possible.

Sincerely,

Larry L. Wagner

Larry L. Wagner
Extension Agent

home phone 275-607

LLW:br

cc: Mrs. Dominic Bosco
Gordon Mickle

*about
500
water -
test*

art

*Collect a few samples
a 2 gallon sample be
and we will run*

Pamela

597-260

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POOR ORIGINAL