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APR 4 1967

~~Boulder City-County Health Dept~~

March 31, 1967

Mr. Glen E. Allen, Superintendent
General Chemical Plant
East Valmont Road
Boulder, Colorado

Dear Mr. Allen:

On February 14, 1967, Mr. Robert Shipley of the Boulder City-County Health Department and myself visited your plant to collect water samples from your mill tailing pond and from wells in the vicinity. These samples were collected and analyzed for radioactivity by our laboratory. The results of the analysis are tabulated below:

Source	Gross alpha activity (pCi/L)	Ra ²²⁶ (pCi/L)
Office	not detectable	- - -
Pond at pump house	290 [±] 33	11.0 [±] 0.6
Rathbun residence	10.9 [±] 1.6	not detectable
Keeter residence	64.7 [±] 10.7	0.81 [±] 0.18
6717 Valmont Rd.	not detectable	- - -
6903 Valmont Rd.	not detectable	- - -

As you can see the only sample from the residence wells that gave a positive result was the Keeter residence which is located below one of the pond dams. It does not, however, exceed our potable drinking water standards.

Because of the nature of water supplies and your tailing pond as a possible source of this radioactivity, I feel we should repeat this sampling on a routine basis to try to identify the situation.

Should you have any questions or suggestions regarding the findings or the proposed resampling, please do not hesitate to contact this office.

Sincerely,

A. J. Hazle
Radiological Health Specialist

AJH:vam

cc: Boulder City-County Health Department, Attn. Robert Shipley