



STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION  
P.O. Box 968, Santa Fe, New Mexico 87504-0968  
(505) 827-5271

RUSSELL F. RHOADES, M.P.H., DIRECTOR

Bruce King  
GOVERNOR

George S. Goldstein, Ph.D.  
SECRETARY

Larry J. Gordon, M.S., M.P.H.  
DEPUTY SECRETARY

August 27, 1982

Mr. Thomas F. Bailey  
Division President  
UNC Mining and Milling  
P. O. Drawer QQ  
Gallup, NM 87301

Dear Mr. Bailey:

A review of the 1980 sediment resampling results indicates that several areas within the main and side channels of the Rio Puerco exceed established cleanup criteria for average Th-230 and Pb-210 concentrations at the 95% level of significance as well as criteria for individual samples.

The contaminated areas in question are located at 48L, 710R, 813L and 825L as reported in the final data set prepared by Battelle.

In order to determine what further actions may be necessary for compliance with the cleanup criteria specified in October 10, 1980 letter from Thomas E. Baca, the extent of such contaminated areas not in compliance must be determined by additional sediment sampling. At least 25 surface sediment samples are required for each contaminated area specified above. In addition, all sediment samples should be at least five feet from each other to form a grid over the area in question. This sampling should be accomplished within the next month. Please inform the Radiation Protection Bureau (RPB) when the samples are sent to the laboratory for analysis. Collected samples should be analyzed for Th-230 and Pb-210 and the results reported to the RPB in the form of raw data.

If questions arise regarding this sampling, please contact Mr. Jere Millard at 505/984-0020, extension 340.

Sincerely,

Russell F. Rhoades  
Director

RFR/aat

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