



United States Department of the Interior  
OFFICE OF SURFACE MINING  
Reclamation and Enforcement  
BROOKS TOWERS  
1020 15TH STREET  
DENVER, COLORADO 80202

14 JAN 1986



Dianne Nielson  
Division of Oil, Gas & Mining  
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Salt Lake City, Utah 84180-1203

Dear Dr. Nielson:

This letter is intended to confirm and clarify the conference call of December 16, 1985, between Rick Summers of Utah Division of Oil, Gas and Mining (DOGM) and the Office of Surface Mining Reclamation and Enforcement (OSMRE) Hydrologist, Lynn Shown and project leader Vernon Maldonado. The following items were discussed in regard to the Price River Coal Company's submission of a November 29, 1985, Sediment Control Plan for the Price River Complex Mine (ACT/007/004) located in Hardscrabble Canyon.

1. Diversion #2 proposed design slope of 0.1 ft. per ft. is quite steep and will result in flow velocities in excess of 9 ft. per second with a flow of approximately 69 cfs. The bed of this diversion will probably have to be lined. Rip-rap was proposed as a link for channel sides but no sizing designs for the rip-rap was provided.
2. The print out from the HEC-2 model for the water-surface profile should better identify the output parameters and a key to all abbreviations is needed.
3. Diversions D-2 and D-5 are located on the topographic map; however, D-6 is not. The profile diagram provided for the D-6 diversion indicated that the slopes were too steep.
4. OSMRE's preliminary review comments were not based on an analysis of the submission with the OSMRE runoff model, but were compiled from SCS curve number (CN) diagrams and tables.
5. This initial review is in the final completeness stage, and OSMRE will submit to Utah DOGM more comprehensive technical comments during the technical review stage.

I hope that you find these comments to accurately reflect the discussion. Should you have any questions, please call Vernon Maldonado or Richard Holbrook at (303) 844-2451.

Sincerely,

*Richard E. Daves*  
Allen D. Klein  
Administrator  
Western Technical Center