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State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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April 22, 1998

To: File

Thru: Daron Haddock, Permit Supervisor-Compliance

*DQH*

From: Peter Hess, Reclamation Specialist III *PH*

RE: R2P2, Plate #5A, Mining Projections, Andalex Resources, West Ridge Mine, PRO/007/041, Folder #2, Carbon County, Utah

I realize that, as of this date, the Division is still in the process of determining the administrative completeness of the West Ridge PAP. Based on this, plus the fact that the area of my concern is forecast to be about 20 years future, I'm probably concerned about nothing. However, I still feel the issue is worth raising.

As mentioned above, Plate #5A, Mining Projections for the West Ridge Mine, shows Panel 27 and a set of bleeders to be driven/extracted right under the SW corner of the Grassy Trail Reservoir dam. Plate #10 shows that approximately 2,000 feet of cover exist in the area.

Plate #8 shows a seam thickness of nine feet. Although the tailgate entries of panel 27 appear to be approximately 300 feet SW of the dam, I believe this distance is far too short to prevent subsidence and the potential rupture of the embankment. I have no idea as to the projected life of the Reservoir, but Mr. Mark Page of the Division of Water Rights indicates that the Reservoir will probably be in place for a long time to come.

Plate III-3, of the approved Kaiser Steel Corp., Sunnyside Mine Mining and Reclamation plan shows that at least half of panel 26 (as shown on Plate #5A, PRO/007/041) and 60 percent of panel 27 should remain in place for dam protection.

It is suggested that the permittee be required to change this projection and modify the R2P2 to reflect what will need to be engineered protection for the Grassy Trail Reservoir.

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