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

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December 16, 1998

Johnny Pappas, Senior Environmental Engineer
AMAX Coal Company
P.O. Drawer PMC
Price, Utah 84501

Re: Clean Coal Stockpile Culvert, Cyprus Plateau Mining Company, Willow Creek Mine, ACT/007/038-98E, File #2, Carbon County, Utah

Dear Mr. Pappas:

The referenced amendment is hereby approved as recommend by the following technical analysis.

Diversions.

Drainage designs associated with the culverts were designed by using existing approved flow volumes from the contributing channels to size the culverts. The information presented is clear and accurate and is submitted in a format that allows it to be incorporated into the plan. One area that was not updated includes map 3.4-4D through 3.4-4E which are referenced as illustrating the culvert location within the text of the plan.

Stream buffer zones.

Culvert CGC-11 is in an ephemeral drainage that is intermittent by regulatory definition. It is the operators responsibility to apply for a stream alteration permit or otherwise obtain approval for dredge and fill operations under Section 404 of the clean water act.

Sediment control measures.

A berm or jersey barrier will be installed to minimize contributions of coal fines from the road to the stream channel.

Findings:

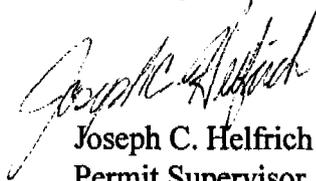
This amendment meets the minimum requirements of this section.

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A stamped approved incorporated copy is enclosed for insertion in your mining and reclamation plan.

If you have any questions please call.

Sincerely,



Joseph C. Helfrich
Permit Supervisor

tam
Enclosure: Approved Amendment
cc: Ranvir Singh, OSM
Richard Manus, BLM
Mark Page, Water Rights, w/o
Dave Ariotti, DEQ, w/o
Bill Bates, DWR, w/o
David Terry, SITLA, w/o
Price Field Office
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