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 DIVISION OF OIL, GAS AND MINING

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August 21, 1996

TO: File

THRU: Joe Helfrich, Permit Supervisor *JH*

FROM: Ken Wyatt, Senior Reclamation Hydrologist *KW*

RE: Amendment 96B Review, White Oak Mining & Construction Company, White Oak Mine, ACT/007/001, Folder #2, Carbon County, Utah

SYNOPSIS

White Oak submitted a permit amendment on August 7, 1996. This included an updated legal and financial section, a request to move several storage sheds within the permit area, a design change for the spoil management area, and a change in the coal conveyor system.

ANALYSIS

The updated legal and financial section was based on the AVS check conducted as part of the June 1996, complete inspection. This information updated several persons listed in the control and ownership section. Pam Grubaugh-Littig reviewed this information with myself and determined it complete.

White Oak requested to move several portable sheds within the permit area. The new shed locations are depicted on Map R645-301-231.200. White Oak also wanted to use two large arch culvert inverted against the warehouse for additional covered storage. The culverts were already located onsite and do not affect the permit or bond. They will serve as covered storage for miscellaneous supplies and equipment.

Also shown on Map R645-301-231.200, is the proposed conveyor change. White Oak intends to replace the high angle conveyor which transports coal from the mine portal to the coal stacker tube. A new conveyor would be constructed to transport coal from the mine to the stacker tube by extending it to the southeast and then turning north to the coal stockpile. Historically, a significant amount of coal has spilled from the high angle conveyor causing coal fines to be carried into the sediment pond during snow melt and precipitation



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events. Wayne Western has reviewed this portion of the amendment and is currently working with White Oak to refine the bond figures for the new structure.

The spoil management area drain system was reviewed by Wayne Western. His concerns were the slope of the pipes and a lack of a cross section. White Oak committed to maintaining a drain slope between .5 and 2 percent. On August 20, 1996 White Oak submitted a faxed cross section of the drain system which completes Mr. Western's concerns. Mr Walters indicated that he would amend the maps to include this cross section during the next submittal.

RECOMMENDATION

I recommend that the AVS update be approved and incorporated into the permit. The sheds and inverted arch culverts locations can be approved. These help White Oak manage their supplies in a more orderly fashion.

The spoil management area sub-drain system can be approved based on White Oak's commitment to maintain the drain slope between .5 and 2 percent and the drain cross sections. White Oak will need to submit a total of 7 copies of the complete submittal including maps which show the cross sections. These maps will need to be PE certified. The original submittal contained 6 copies.

The conveyor system amendment cannot be approved until White Oak provides more details on the reclamation costs associated with additional lengths of conveyor and concrete footers. It is unlikely that the bond amount will change due to this amendment.

blb
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