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ACT 057/020 #2

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THANKS

Vicky

**Appendix 3-9, UC-3 Culvert Extension  
Horizon Coal Corporation**

**September 1997**

**3-9.4 Reclamation**

Revisions of the reclamation cost estimate associated with the removal of the additional 100 feet of culvert are reflected in Section 3.5.8 and Appendix 3-7 of the M&RP. The September 8, 1997, letter addressed to Mr. Daron Haddock commits to the following:

"The permit reclamation commitments and corresponding regulations will apply to the intended culvert extension disturbance. Since a portion of this disturbance is a riparian area, the commitments within the Horizon permit concerning riparian reclamation will apply."

Appendix 9-2 of the M&RP contains a survey and map of the riparian area proposed for disturbance in this culvert extension.

The reclamation plan is located in Section 3.5 of this M&RP. The culvert will be reclaimed as described in the approved permit.

Since the intended fill material for the culvert extension area will come from the lowering (2 feet) of the upper pad area, this soil/fill has been included in the original mass balance calculations. The quantities of rock and soils associated with the faceup of the highwall above the portals which may also be used for fill around the culvert were estimated and were also included in the original mass balance calculations. Therefore, the material to be used for fill around the culvert has been designated for placement during reclamation in the current approved permit.

Small quantities of coal were generated during faceup of the highwall. This material was not separated from the rock and soils removed from the highwall and may be included in the fill material placed over the culvert.

**3-9.5 Refuse**

Section 3.3 of the approved permit states, "Refuse material will be segregated on the coal stockpile for temporary storage. The maximum quantity of refuse at the mine prior to disposal will be 500 tons. This refuse material will be blended (in small portion) into the coal to be shipped to customers as contract quality specifications allow." In accordance with the approved permit, refuse will not be used as fill material over the culvert extension.

**3-9.6 Soils**

A portion of the topsoil/growth medium salvaged from the installation of UC-3 will be placed on a slope adjacent to the culvert. The remaining portion of the topsoil/growth medium salvaged during the installation will be placed on the topsoil stockpile. A qualified soils specialist from UDOGM will be on site during the removal of the topsoil/growth medium during the installation of UC-3. Should a UDOGM specialist be unavailable a soil specialist from the Soil Conservation Service will be requested to be on site.

Six inches of the topsoil/growth medium will be placed on the above mentioned slope prior to seeding (interim revegetation).