



September 8, 1997

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Dear Daron,

Horizon Coal Corporation intends to extend Culvert UC-3 (36") currently carrying Jewkes Creek northward approximately 100 feet within the disturbed area (Plate A). The anti-seepage collar, trashrack and inlet structure will be move from their current location to the end of the proposed extension.

The 100 feet of culvert will be buried under approximately 10 feet of clean fill material to accomodate the enlargement of the truck turnaround. The fill material has been collected from the site during the lowering of upper pad area and construction of the portals. Presently the radius of the truck turnaround could prove unsafe to the truck drivers and traffic which may be traveling the county road which runs parrallel to the turnaround.

The culvert will be installed in accordance with the manufacturers specifications as indicated in Horizon's UDOGM Permit.

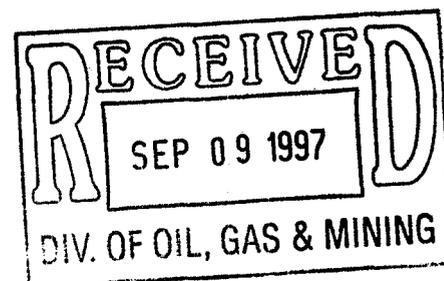
Calculations contained in Appendix 7-4 indicate that the flow capacity of the unaltered Jewkes Creek upstream from Culvert UC-3 is 27.7 cfs. UC-3 has the design capacity of 40 cfs. Hence, the capacity of the culvert exceeds the capacity of Jewkes Creek. Therefore the extension should create no flow capacity problems.

Bill Bates from the Division of Wildlife Resources visited the site with Mark Page from the Division of Water Rights. Bill voiced concerns with the proposed extension to Mark who incorporated the concerns into the stream alteration permit, which is attached to this letter.

Bill determined that the fencing project completed early this year by Horizon was sufficient mitigation for this proposed extension. The approved stream alteration permit will be incorporated into the UDOGM permit in Appendix 7-12.

The soils in the area will be salvaged as outlined in the UDOGM permit. A revised copy of Table 8-3 has been included to show the potential salvagable soils generated by the culvert extension.

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.



Horizon has re-surveyed the disturbed area and 100 feet outside the disturbed area. The revised topography is reflected on Plate A and will be reflected on all plates submitted in the future. The revised topography does not show the realigned county road since it has not yet been surveyed. Revised copies of Plates 3-1, 3-7 and 7-4 will be submitted once the extension has been approved and the county road survey completed. Once the extension is approved Culvert UC-3 will be shown on Plate 7-4.

Please call me should you or your staff have any questions concerning this extension.

Sincerely yours,



Vicky S. Bailey

cc: Michael A. Gipson

