



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

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November 12, 1993

Mr. R. Jay Marshall
Genwal Coal Company
P. O. Box 1201
Huntington, Utah 84528

Re: NOV N93-43-1-1 Abatement, Genwal Coal Company, Crandall Canyon Mine,
ACT/015/032-93G, Folder #3, Emery County, Utah

Dear Mr. Marshall:

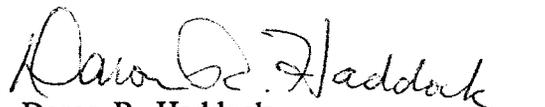
As indicated on the enclosed Termination of NOV, the information received by DOGM on October 19, 1993 for culvert C-9 is satisfactory to abate NOV 93-43-1-1. Plan changes involving C-3, C-4, C-5, C-10, DD-2, and DD-7 and a new Plate 7-5a are not being approved at this time.

Information to abate the NOV has been submitted on pages 28 of Appendix 7-7 and 17 of Appendix 7-11. These pages also contain information on culvert C-10. To expedite addition of the information on C-9 into the approved MRP, DOGM requests that pages 17 and 28 be redone to include information for culvert C-9 only and that twelve (12) copies be forwarded to DOGM by no later than December 10, 1993 for distribution to other agencies.

If Genwal intends on pursuing the other proposed changes a revised permit change application should be submitted which addresses those changes. Please see the enclosed memo which discusses some of the problems with your design information.

Please call if you have any questions.

Sincerely,


Daron R. Haddock
Permit Supervisor

cc: J. Smith
S. Falvey
NOVABAT.GEN





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November 10, 1991

TO: File

THRU: Daron Haddock, Permit Supervisor

FROM: Sharon Falvey, Senior Reclamation Specialist *sf*

RE: N-93-43-1-1 Abatement Submitted October 19 1993, Genwal Coal Company, Crandall Canyon Mine, ACT/015/032, Folder #2, Carbon County, Utah

Subject:

The Division received Genwal's Response to N-93-43-1-1 on October 19, 1993. The submittal included revised Surface Runoff Control Plate 7-5 A, designs for Culvert C-9 and C-10, and re-routing of culverts C-5, C-7 and C-3. The operator has proposed routing culvert C-5, currently routed to C-4, to ditch DD-7 and culvert C-3.

Analysis:

The operator has revised the surface runoff Control Map Plate 7-5A. This area was recently surveyed and the map approved as a result of a violation issued in 1992. In the revision, the operator has decreased the scale of the map from 1"= 50' to 1"= 40'. The operator also increased the previously described undisturbed areas within the site by 0.05 acres and 0.01 acres. The Disturbed area boundary appears to have changed configuration, and some cross section surveys were re-located or removed (surveyed cross sections, such as M-M' and K-K', are no longer shown on the plate). The operator has not addressed the presented changes in the application form or, indicated what brought about the change in areas. Some important information is omitted that should remain on the map such as; a legend describing the map symbols, a north arrow and, elevation contour labels. The submitted plate is stamped certified but does not have an accompanying signature.

Although the presented culverts are adequately sized, some presented design information is not clear, is missing or, is inaccurate. The operator refers to the design flow of DD-A on page 7 of Appendix 7-11. The operator should actually refer to DD-4 on that page. It appears the drainage to that ditch has



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changed, since ditch DD-2 is no longer shown on the submitted Plate 7-5A.

Additional missing information includes the slope and length of culverts used in the designs (the operator often refers to the ditch slope but, not the culvert slope). No flow depth or velocity of flow is indicated for Ditch DD-7. The operator should also include the new culverts on the summary tables presented within the plan.

Recommendation:

The operators submitted amendment is not complete and accurate and therefore should not be approved. However, in order to abate violation N93-43-1-1, it is recommended that page 28, Appendix 7-7 and page 17, Appendix 7-11 be approved for the information relating to culvert C-9 only. If the operator would like to pursue other proposed changes, they should be submitted as a separate amendment.