



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

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June 23, 1997

To: File

Thru: Joe Helfrich, Permit Supervisor *JH*

From: Wm. J. Malencik, Reclamation Specialist *Wm. J. M.*

RE: Primary Road, Savage Industries, Inc., Savage Coal Terminal, ACT/007/022-97A, Folder #2, Carbon County, Utah

SUMMARY

This project involves the construction of a primary road. The primary road construction will follow the general alignment of the current ancillary road.

COMPLETENESS REVIEW

The application was submitted to the Price Field Office on May 30, 1997. A completeness review was completed by the undersigned on June 4, 1997. Ten primary road items were not addressed in the application. Undersigned on the tracking form suggested a hydrology and engineering technical review of the application. The undersigned completeness review was faxed to the operator by Mr. Helfrich on June 5, 1997.

On June 16, 1997, the Price Field Office received the applicants resubmission. On June 17, 1997, the operator submitted two copies to the Division to expedite the engineering and hydrology review.

TECHNICAL ANALYSIS

All ten completeness items were addressed by the operator. The undersigned has completed a technical review of the application and makes the following analysis and findings:

- (1) **Soils, R645-301-200.** The project does not involve topsoil removal since the alignment follows an existing ancillary road. Furthermore, the road area lies within an existing disturbed area. The width of the current ancillary road as paced by the undersigned is about 25 feet.

The surfacing material as noted in the application is a commercial source. It is my understanding the Division policy does not require testing when the material comes from a commercial source.



- (2) **Biology, R645-301-300.** The application contains the required information to control or prevent damage to fish, wildlife, and related environmental values.
- (3) **Land Use and Air Quality, R645-301-400.** The ancillary road area is disturbed. Therefore, the prior review of disturbed areas addresses the historical and archeological requirements.

On the matter of air quality, the operator commits to water the haul road as covered in the existing air quality order.

- (4) **Engineering, R645-301-500.** The operator, on June 13, 1997, addressed the completeness review of June 4, 1997, submitted certified design to meet the requirements of R645-301-534.200 and R645-301-742.420.

Suggest an engineer complete the technical review of the designs and prepare the required findings.

As related to coal storage, cleaning and loading (R645-301-521.164) that an engineer review and prepare findings on this item.

- (5) **Geology, R645-301-600.** Not applicable.
- (6) **Hydrology, R645-301-700.** The current hydrologic information, as related to this project on surface and ground water, appears to be adequate. Therefore, recommend no additional sampling.

The runoff from the road will report to and be treated by sediment pond #5.

No ditch currently exists on the west side of the ancillary road. The ancillary road bed lies above the sparsely vegetated disturbed area. The operator advised me that they do not intend to cut any new ditches.

A new 18" culvert is being installed to handle a change in the drainage. Calculations and culvert sizing has been provided by the operator. Recommend that the hydrologist review the need for hydrology calculations, please refer to Appendix 7-4. Analysis and findings should be prepared by the hydrologist on this and any other hydrology pertinent items.

- (7) **Bonding and Reclamation, R645-301-800.** The operator has submitted bonding updates. Suggest an engineer review and make findings on this item.

The operator addressed reclamation. However, recommend the reclamation be stipulated in the approval to follow reclamation standards on existing primary roads.

Page 3
File/J. Helfrich
ACT/007/022-97A
June 23, 1997

RECOMMENDATION:

- (1) Engineering and hydrology findings be prepared by those who are qualified to review and make required findings, and
- (2) Based on my findings, the application may be approved providing favorable engineering and hydrology findings are made.

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enclosures:

(2) Resubmission/Application (2 copies sent by operator to SLC on June 17, 1997)
(1 copy provided to PFO and enclosed)

(1) Photos

cc:

Savage Coal Terminal / Photo Attachment

