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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

December 6, 1996

Boyd Rhodes, Manager
Savage Industries, Inc.
2025 East 5000 South
Price, Utah 84501

RE: Proposed Railroad Crossing/Ancillary Roads, Savage Industries, Inc., Savage Coal Terminal, ACT/007/022-96C, Folder #3, Carbon County, Utah

Dear Mr. Rhodes:

This approves your permit amendment application received and resubmitted at the DOGM Price Field Office on October 25, 1996. The approval is effective December 4, 1996, and requires follow-up action as noted below. The approval is based on your application and findings cited below.

Follow-up Action By Permittee

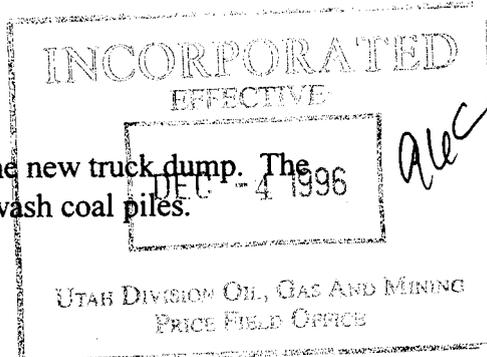
Since the project involves on the ground construction, please submit 30 days after completion of construction an unshaded certified surface facilities map and MRP pages 3-24 and 3-24a.

Project Description

The project involves 1) 300 feet of additional ancillary road and one culvert 2) railroad crossing and culvert lying adjacent to an existing primary road. The ancillary road culvert is north of and contiguous to the recent approved new truck dump. The railroad crossing and culvert is located north of wash coal stock pile.

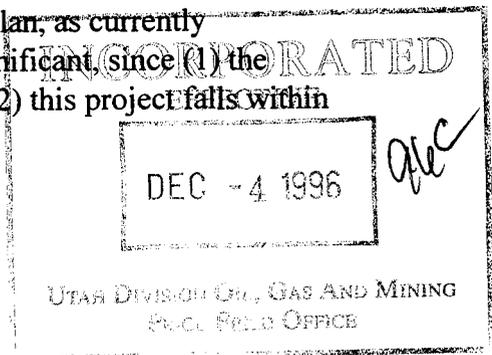
Analysis

The ancillary road will provide access to the back side of the new truck dump. The railroad crossing will increase the access efficiency to the wash coal piles.



Findings

- (1) The applicant submitted a complete and accurate amendment application.
- (2) DOGM PERMIT STATUS. The addition lies within the current permit.
- (3) ACTIVE MINE. The area is included in an active approved coal mining and reclamation operation is within the existing disturbed area.
- (4) LAND STATUS. The land is patented land owned by Savage Industries, Inc.
- (5) COORDINATION AND OTHER APPROVALS. The amendment has been coordinated with other responsible agencies.
- (6) PROJECT DETAILS. The road culvert and the railroad crossing and culvert has been located, designed, constructed, and will be used and maintained, so as:
 - to control or prevent erosion and fugitive dust.
 - to control or prevent damage to other environmental values.
 - to control or prevent additional contributions of suspended solids to runoff outside the permit area.
 - to use non-acid and non-toxic forming substances in road surfacing.
 - to not be located in a drainage channel of an intermitten or perennial stream (refer to figure 3-6A for design details and table 7-88a for culvert design specifications).
 - to reclaim the roads in accordance with the existing approved reclamation plan.
 - and to perform road/railroad crossing maintenance to meet performance standards.
- (7) IMPACTS. The project does not have any material adverse impacts to hydrologic balance, nor does it involve any existing critical habitat.
- (8) RECLAMATION AND BONDING. The reclamation plan, as currently approved, is accurate. The reclamation costs are not significant, since (1) the project area lies within the existing disturbed area, and (2) this project falls within the Division policy that does not require a bond update.



Page 3

B. Rhodes

Proposed Railroad Crossing

December 6, 1996

- (9) **RECORD UPDATE.** The project as submitted and evaluated by the undersigned does not require an update of the Division Technical Analysis pertaining to Savage Coal Terminal.

I have approved figure 3-6A and Table 7-88a and these documents are enclosed for your records.

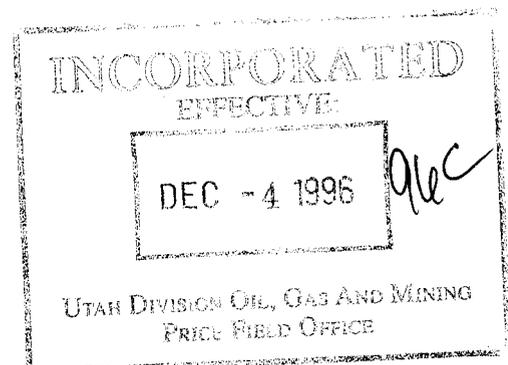
Sincerely,



Wm. J. Malencik
Reclamation Specialist

sd
enclosures

cc: Mark Page, State Eng, Price, w/o enc
Dave Ariotti, DEQ, Price, w/o enc
Bill Bates, DWR, Price, w/o enc
Paige Beville, ARCO, Denver
Joe Helfrich, DOGM, SLC



TRACKING FORM

I. KEY FEATURES OF PERMITTEE'S AMENDMENT APPLICATION

Permittee Savage Industries	Mine Name Savage Coal Terminal	Amendment # ACT/007/022-96C	Date Received / ⁴¹⁰ 7-17-96 <i>delivered</i>
Proposed: Railroad Crossing Ancillary Roads		<i>reworked back on 10-25-96 re-delivered</i>	
Description: Construct a railroad crossing between plant area & coal stockpile area to reduce travel distance on loaders & other equip.			

II. AMENDMENT CLASSIFICATION

<input type="checkbox"/> Major Amendment	Public Notice Required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NO
<input checked="" type="checkbox"/> Minor Amendment	Outside of Permit Area	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NO
	Outside of Disturbed Area	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NO

III. SUMMARY OF DOGM PROCESSING DATES

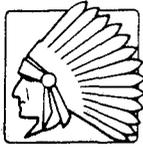
Reviews Completed	7/29/96 <i>Deficiency</i>	FOLLOWUP REQUIREMENTS		
Approved Effective	12/4/96	MRP "After Const" Documents	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Disapproved		TA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NO
Mailed		CHIA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> NO
Filed MRP - SLO		Responds Within 15 days of Receipt? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, explain below.		

IV. COORDINATED REVIEWS

EXTERNAL AGENCIES (Mine Specific) <small>(Adverse Comments, if Any, Include in Item V)</small>			DOGM REVIEWS/DISCIPLINES			
	COPY SENT	CONTACTED				
OSM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	Generalists	<i>WJMM</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> N/A
BLM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	INTERDISCIPLINARY APPROACH			
US Forest Service	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Administrative	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
US Fish & Wildlife	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Biology	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
US National Parks	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Engineering	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
UT Environmental Quality	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Geology	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
UT Wildlife Resources	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Hydrology	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
UT State History	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Soils	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
UT Water Rights	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Permitting	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
UT SITLA	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Other	_____	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> N/A
Other	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A				

V. FOOTNOTES/ADDITIONAL EXPLANATION AS NECESSARY

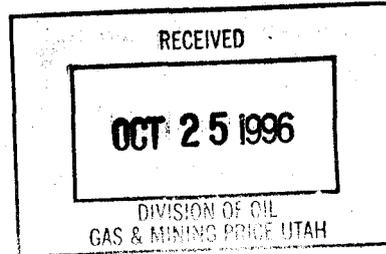
All application deficient does not discuss R645-301-534 and 742-410 applicable to all roads even though the road applied for is an auxiliary road. Notified Mr. Gray by phone. Also R645-301-527, 200 as concerns roads and railroads. Also application was not shade with respect to changes & additions covered in the amendment.



Savage

Savage Coal Terminal
2025 E. 5000 S.
Price, Utah 84501
(801) 637-5664

October 18, 1996



Mr. William Malencik
Utah Division of Oil, Gas & Mining
451 East 400 North
Price, Utah 84501

Re: Proposed Railroad Crossing
Ancillary Roads
Savage Coal Terminal
ACT/007/022
Carbon County, Utah

gbc

Dear Mr. Malencik:

Enclosed are 4 copies of a proposed amendment to the Savage Coal Terminal M.R.P. The proposal is to construct a railroad crossing between the plant area and coal stockpile area to reduce travel distance on loaders and other equipment. It is also proposed to install an 18" cmp culvert on the north side of the railroad tracks to provide drainage. The culvert has been sized for the drainage area, and is detailed on Table 7-25 as Culvert C-24.

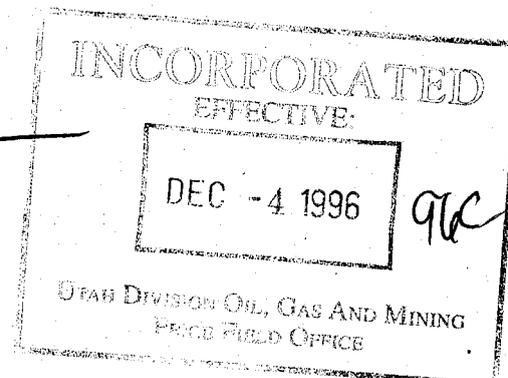
This amendment is also intended to clarify the locations of Ancillary Roads on the site. Plate 3-2 will show the proposed crossing, culverts and roads. An additional culvert (C-25) will also be added to provide access for the ancillary road near the new truck dump.

Required permit change forms are enclosed. All pages and plates are numbered, and should replace corresponding items in the M.R.P.

If you have any questions, or need any further information, please contact me or Dan Guy.

Sincerely,
BR
Boyd Rhodes
Manager

cc: Jim Sauls - Savage
Dan Guy - Blackhawk
File



APPLICATION FOR PERMIT CHANGE

Title of Change:

Proposed R.R. Crossing/Ancillary Roads

Permit Number: *ACT / 007 / 022*

Mine: *Savage Coal Terminal*

Permittee: *Savage Industries*

Description, include reasons for change and timing required to implement:

- | | | |
|---|--|--|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 4. Will permit change include operations in hydrologic basins other than currently approved? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 6. Does permit change require or include public notice publication? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 7. Permit change as a result of a Violation? Violation # _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 8. Permit change as a result of a Division Order? D.O.# _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 9. Permit change as a result of other laws or regulations? Explain: _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 10. Does permit change require or include ownership, control, right-of-entry, or compliance information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 11. Does the permit change affect the surface landowner or change the post mining land use? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 12. Does permit change require or include collection and reporting of any baseline information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 14. Does permit change require or include soil removal, storage or placement? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 16. Does permit change require or include construction, modification, or removal of surface facilities? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 17. Does permit change require or include water monitoring, sediment or drainage control measures? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 18. Does permit change require or include certified designs, maps, or calculations? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 19. Does permit change require or include underground design or mine sequence and timing? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 20. Does permit change require or include subsidence control or monitoring? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area? |

INCORPORATED
EFFECTIVE:
DEC - 4 1996 *gbc*

UTAH DIVISION OIL, GAS AND MINING

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Dana Ballard *MBR* *10-22-96*
Signed - Name - Position - Date

DANA BALLARD
NOTARY PUBLIC - STATE OF UTAH
865 EAST 2800 SOUTH
PRICE, UTAH 84501
COMM. EXP. 9-27-97

Subscribed and sworn to before me this 22 day of Oct, 1996
Dana Ballard
Notary Public
My Commission Expires: 9-27, 1997
Attest: STATE OF UTAH
COUNTY OF CARBON

Received by Oil, Gas & Mining
RECEIVED
OCT 25 1996
DIVISION OF OIL
GAS & MINING PRICE UTAH

ASSIGNED PERMIT CHANGE NUMBER
gbc

