



0007

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

July 3, 1996

Boyd Rhodes
Savage Industries Inc
PO Box 587
Wellington, Utah 84542

RE: By-Pass Conveyor, Savage Coal Terminal, Savage Industries, Inc., ACT/007/022-96B, Folder #3, Carbon County, Utah

Dear Mr. Rhodes:

This approves ACT/007/022-96B for installing a by-pass conveyor at your coal preparation plant.

The amendment is approved effective July 2, 1996. The approval is based on your application and findings cited below.

Followup Action By Permittee

Since the project involves on the ground installation, please submit within 30 days after construction the following:

- Certified updated Surface Facilities Map, Plate 3-2, (R645-301-521.164)

Project Description

The key features of this amendment are as follows:

- (1) Includes the installation of a by-pass conveyor. The conveyor will be used to transport coal from the feed stockpile and place it directly into trucks or to the stacking tube conveyor.
- (2) When completed, this project will continue to limit the coal loading, transporting, and unloading by front end loader on this segment of the operation.

Analysis

This project, from both environmental and an operational standpoint, will improve the conveyance, coal storage, and reduce coal and fugitive dust.

Findings

- (1) AMENDMENT APPLICATION. The applicant, Savage Industries, Inc., has submitted a complete and accurate amendment application in conformance with the coal rules (R645-301-150).
- (2) DOGM PERMIT STATUS. The by-pass conveyor area lies within the current permit area.
- (3) ACTIVE MINE. The area is included in an active approved coal mining and reclamation operation and is within the disturbed area.
- (4) LAND STATUS. The surface estate is patented and controlled by Savage Industries, Inc.
- (5) OTHER APPROVAL/COORDINATION. This amendment has been coordinated with other responsible agencies. Carbon County has approved a building permit. The design documents submitted with the building permit are included herein as part and parcel of the approved amendment. (R645-301-526.220). The documents carry the stamp of a licensed certified structural engineer.

The amendment has been coordinated with DEQ, Air Quality, SLC. Furthermore, the permittee has submitted a Notice of Intent to DEQ incorporating necessary changes.

- (6) IMPACTS. The instant project does not have an adverse impact on the hydrologic balance, nor does it involve a critical habitat area. The amended coal handling will aide in minimizing the air movement of coal fines.

The runoff from the project area involved in this amendment flows into an existing disturbed diversion and thence to sediment pond #6.

- (7) RECORD UPDATE. The current Technical Analysis does not discuss existing truck dump and coal conveyor; therefore, for this and other reasons the Technical Analysis does not need to be updated.

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- (8) RECLAMATION AND BONDING. The existing reclamation plan and surety bonding are adequate as determined by the undersigned. (R645-301-820/830).

The current surety bond is \$2,728,178.00. This includes a 10% contingency. After approval, the remaining contingency is \$265,690.00.

The current reclamation plan on removing and reclaiming coal handling facilities is adequate. The operator estimates, and concurred by the undersigned, the demolition and material removal will cost about \$3,505.08. The balance of the reclamation is currently covered in the existing reclamation plan and bond.

Sincerely,



Wm. J. Malencik
Reclamation Specialist

sd
Enclosures

cc: Mark Page, State Eng, Price, w/o enc
Marvin Maxell, Air Quality, SLC, w/o enc
Bill Bates, DWR, Price, w/o enc
Paige Beville, ARCO, Denver
Joe Helfrich, DOGM, SLC
Pam Grubaugh-Littig, DOGM, SLC, w/o enc



BLACKHAWK ENGINEERING, CO.

DAN GUY

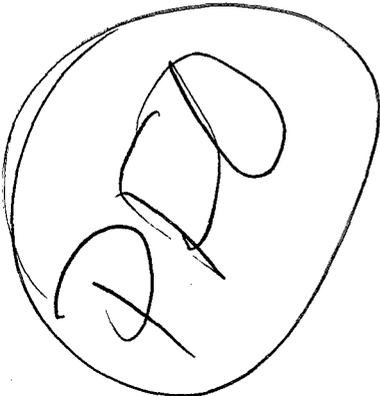
6/19/96

Bill:

This is your copy.

It has the larger, certified
maps and a colored plate
3-2.

Please call if you have
any questions.



Thanks,
Dan

TRACKING FORM

I. KEY FEATURES OF PERMITTEE'S AMENDMENT APPLICATION

Permittee Savage Industries	Mine Name Savage Coal Term.	Amendment # ACT/007/022-96B	Date Received / By 6-20-96 delivered
Proposal: By-Pass Conveyor			
Description: To construct a by-pass conveyor from the main plant feed belt to a 225 Ton Bin or alternatively, to the stacking tube conveyor			

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	7/2/96	FOLLOWUP REQUIREMENTS	
Approved Effective	7/2/96	MRP "After Const" Documents	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Disapproved	N/A	TA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mailed	7-9-96	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 checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	Generalists <u>Will</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A
BLM	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	<u>N/A</u> INTERDISCIPLINARY APPROACH
US Forest Service	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Administrative <input type="checkbox"/> Yes <input type="checkbox"/> N/A
US Fish & Wildlife	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Biology <input type="checkbox"/> Yes <input type="checkbox"/> N/A
US National Parks	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Engineering <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Environmental Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Geology <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Wildlife Resources	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Hydrology <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT State History	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Soils <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Water Rights	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Permitting <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT SITLA	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input checked="" type="checkbox"/> N/A	- Other <input type="checkbox"/> Yes <input type="checkbox"/> N/A
Other <u>Carbon County Bldg Dept</u>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	

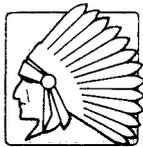
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 EFFECTIVE: **JUL 2 1996**

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PRICE FIELD OFFICE

V. FOOTNOTES/ADDITIONAL EXPLANATION AS NECESSARY

DEQ Mark Maxwell was contacted and briefed on the scope of the amendment.

He stated that it appeared that the air quality conditions at the Savage Coal Terminal would be compatible with the beltline addition.



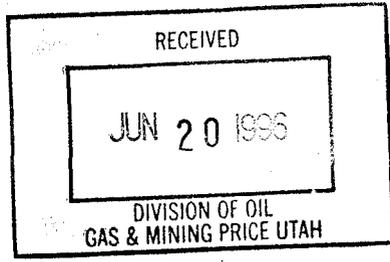
Savage

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

June 13, 1996

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

Re: Proposed Amendment
By-Pass Conveyor
Savage Coal Terminal
ACT/007/022
Carbon County, Utah

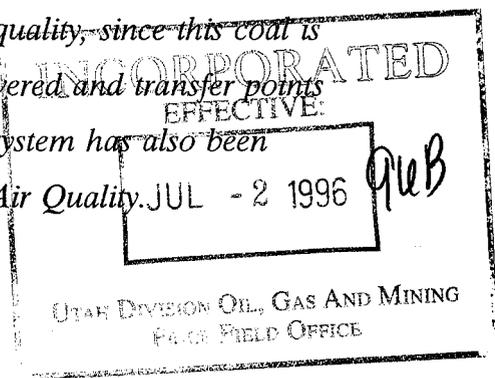


Dear Mr. Malencik:

Enclosed are 8 copies of a proposed amendment to the Savage Coal Terminal M.R.P. The proposal is to construct a by-pass conveyor from the main plant feed belt to a 225 Ton Bin or alternatively, to the stacking tube conveyors.

The proposed system will consist of the addition of approximately 220' of 36" conveyor, structure, concrete footers, and a 225 Ton Steel Bin for truck loading. This system will allow coal to be recovered from the plant feed stockpile, and place it directly in trucks or onto the stacking tube conveyors without going through the preparation plant. The additional conveyor will be located just west/southwest of the plant, as shown on Plate 3-2.

The proposed location is within the disturbed area; therefore, no topsoil will be removed. The addition will also not require any change to the drainage system on site. A minor amount of excavation will be necessary to pour the required concrete footings for the structure. This addition is expected to have a positive effect on air quality, since this coal is presently being transferred by loaders. The conveyor will also be covered and transfer points will be enclosed to protect air quality. It should be noted that this system has also been included in the Notice of Intent, recently filed with the Division of Air Quality.



A bond estimate for reclamation of this system has also been completed (See Appendix 3-2). The estimate shows the expected reclamation cost to be approximately \$3621.73. The present bond for the facility is \$2,728,178.00 and includes a 10% contingency of \$272,818.00. The recently approved Truck Dump/Conveyor amendment reclamation cost was estimated at \$3505.48. If the present proposal reclamation cost is added to the truck dump/conveyor amendment cost, the total reclamation cost is \$7127.21, reducing the bond contingency to \$265,690.79; therefore, there should be no need to increase the bond on the facility to cover this amendment.

Required permit change forms are enclosed. All maps and pages are numbered, and should replace corresponding items or be added, as designated.

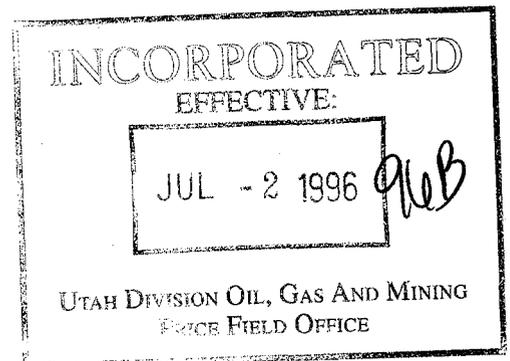
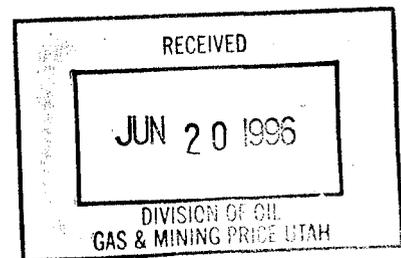
Savage Industries, Inc. has applied for a building permit for this project. A copy of the permit is enclosed. If you have any questions, or need any further information, please contact me or Dan Guy.

Sincerely,



Boyd Rhodes,
Manager

cc: Jim Sauls - Savage
Dan Guy - Blackhawk Engineering
Paige Beville - ARCO
File



APPLICATION FOR PERMIT CHANGE

Title of Change: BYPASS CONVEYOR / LOADOUT BIN

Permit Number: ACT007 1022

Mine: SAVAGE COAL TERMINAL

Permittee: SAVAGE INDUSTRIES

Description, include reason 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 type="checkbox"/> Yes | <input checked="" 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 checked="" type="checkbox"/> Yes | <input 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? |

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Attach 8 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

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
 Signed - Name Position - Date 6/18/96

Subscribed and sworn to before me this 18 day of JUNE, 19 96
Dana Ballard
 Notary Public
 My Commission Expires: 9-27-97, 19 97
 Attest: STATE OF UTAH
 COUNTY OF CARBON



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

Received by Oil, Gas & Mining
 RECEIVED
 JUN 20 1996
 DIVISION OF OIL
 GAS & MINING PRICE UTAH

ASSIGNED PERMIT CHANGE NUMBER
96B

Carbon County

BUILDING PERMIT

No.: 4738 Issued: 6-14-96

THIS RECORD OF INSPECTIONS TO BE KEPT VISIBLE ON JOB SITE
UNTIL ALL REQUIRED INSPECTIONS ARE COMPLETE.

Address: 2025 E. 5000 S.

Owner/Contractor: SAVAGE

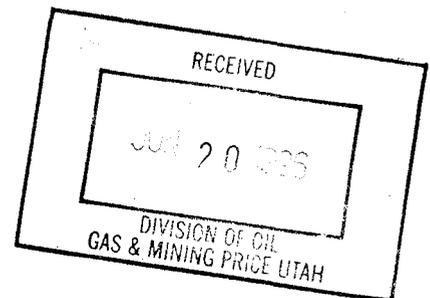
REQUIRED INSPECTIONS:
U.B.C. Section 108

DATE:

APPROVED BY:

	REQUIRED INSPECTIONS: U.B.C. Section 108	DATE:	APPROVED BY:
1	FOUNDATION INSPECTION: Footings, Walls, Slabs		
2	CONCRETE SLAB OR UNDER FLOOR INSPECTION: Building Service, Conduit, Piping, Prior to Concrete		
3	FRAME INSPECTION:		
4	LATH AND/OR GYPSUM BOARD INSPECTION: Prior to Taping		
5	FINAL INSPECTION: For Occupancy		

SPECIAL INSPECTIONS:
U.B.C. Sec. 108.6



For inspections call: 636-3260

24 Hour Notice Required