

PERMIT TRACKING FORM

- Permit Amendment(INS)
 Exploration Permit(INS)
 N.O.V. (INS)
 D.O.
 Permit Transfer
 Incidental Boundary Change
 Permit Midterm (MT)
 Permit Renewal (PR)
 New Permit
 Significant Revision (SR)
 Bond Release (BR)

DATE RECEIVED 3-13-98	<i>Hand delivered</i> By 3-13-98 <i>Dana Balla</i>	PERMIT NUMBER ACT/007/022	
Title of Proposal: Proposed New Sampler Building		PERMIT CHANGE # 98A	
Description: Install a new coal sampler & Building		PERMITTEE Savage Industries Inc	
# Copies Required 4	# Copies Received 4	MINE NAME Savage Coal Terminal	

PERMIT CHANGE APPLICATION SENT TO SLC DATE: _____ LETTER TO PERMITTEE: _____

<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION OR INITIAL COMPLETENESS REVIEW	DATE DUE	DATE DONE	LETTER TO PERMITTEE:
<input type="checkbox"/> Notice of Affidavit of Publication. (If change is a Significant Revision, New Permit or Permit Transfer)	DATE DUE:	DATE DONE	PUBLIC COMMENT RECEIVED:

PRICE REVIEW TRACKING	REVIEW		SLC REVIEW TRACKING	REVIEW	
	DUE	DONE		DUE	DONE
<input type="checkbox"/> Lead <input type="checkbox"/> Generalist			<input type="checkbox"/> Lead		
<input type="checkbox"/> Administrative			<input type="checkbox"/> Administrative		
<input type="checkbox"/> Land Use/AQ	4/3/98	10/21/98	<input type="checkbox"/> Land Use/AQ		
<input type="checkbox"/> Biology	3/28	10/21/98	<input type="checkbox"/> Biology		
<input type="checkbox"/> Engineering	3/28	10/21/98	<input type="checkbox"/> Engineering		
<input type="checkbox"/> Geology	3/28	10/21/98	<input type="checkbox"/> Geology		
<input type="checkbox"/> Soils	3/28	10/21/98	<input type="checkbox"/> Soils		
<input type="checkbox"/> Hydrology	3/28	10/21/98	<input type="checkbox"/> Hydrology		

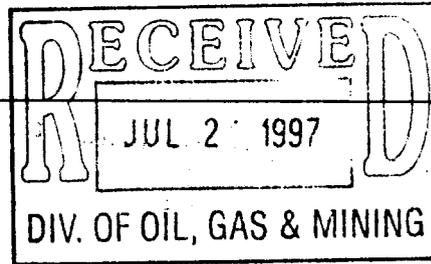
TA Review Due	Date: _____	Permittee Response Due <input type="checkbox"/> Stipulation <input type="checkbox"/> Condition <input type="checkbox"/> No Requirements	Date: _____	DIVISION DECISION LETTER <input type="checkbox"/> APPROVE <input type="checkbox"/> DENY
TA Review Done	Date: _____	Response Received	Date: _____	Date: _____

COORDINATED REVIEWS	PHONE CONTACT	SENT	DUE	RECEIVED	ADDITIONAL TRACKING	Date:
<input type="checkbox"/> OSMRE					PUBLIC HEARING	
<input type="checkbox"/> US Forest Service					LETTER FROM COMPLIANCE SUPER.	
<input type="checkbox"/> BLM					AVS COMPLETED	
<input type="checkbox"/> US FWS					APPROVAL EFFECTIVE DATE	
<input type="checkbox"/> US NPS					APPROVED COPY TO FILE	
<input type="checkbox"/> UT SHPO					APPROVED COPY TO PERMITTEE	
<input type="checkbox"/> UT DEQ					APPROVED COPY TO PFO/SLC	
<input type="checkbox"/> UT Water Rights					APPROVED COPY TO AGENCIES	
<input type="checkbox"/> UT Wildlife Resources					CHIA MODIFIED	
<input type="checkbox"/> UT SITLA					UPDATE MASTER TA DONE/NEEDED	

PRICE FIELD OFFICE COMMENTS:	SLC OFFICE COMMENTS:
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Savage
INDUSTRIES, INC.



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

July 16, 1997

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

*Re: Notice of Violation N 97-26-2-1
Savage Coal Terminal
ACT/007/022
Carbon County, Utah*

Dear Mr. Malencik:

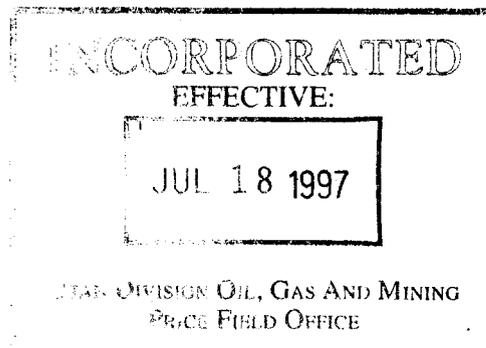
Enclosed are 4 copies of updated text and the Surface Facilities Map, Plate 3-2, as required for remedial action items 1 & 2 for the above referenced N.O.V. In addition, the project has been completed, per item 3.

If you have any questions, or need any further information, please let me know.

Sincerely,

*Boyd Rhodes
Manager*

*cc: Jim Sauls - Savage
Dan W. Guy - Blackhawk
File*

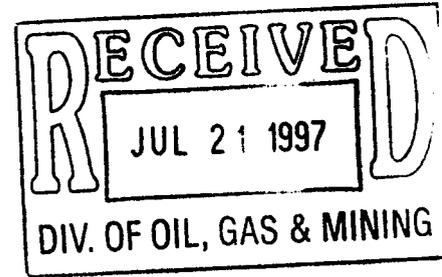
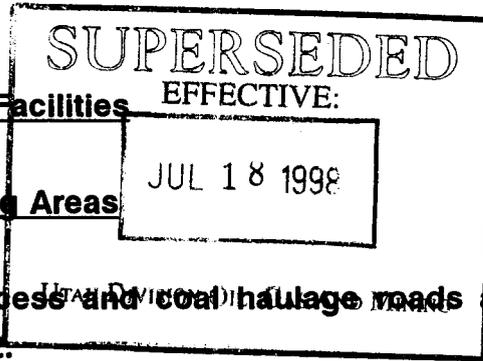


**Mining and Reclamation Plan
Savage Coal Terminal**

3.2.5 Transportation Facilities

3.2.5.1 Roads, Parking Areas

The Locations of access and coal haulage roads and parking areas are provided on Plate 3-2.



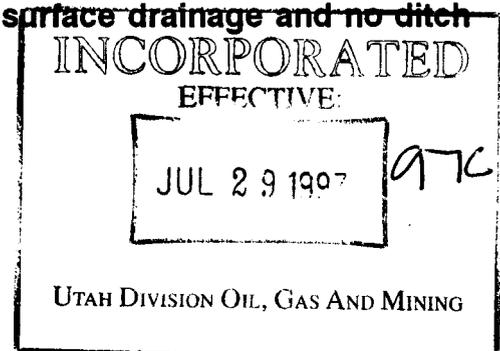
There are two large road fill embankments at Savage Coal Terminal. The embankments were built as truck dumps and their locations are shown on Plates 3-1 and 3-2. The embankments are constructed of reinforced concrete and steel and compacted earth materials and are a maximum 30 feet in height. Figures 3-5 and 3-6 show cross-sections of the truck dumps.

An additional truck dump has been constructed near the southeast corner of the preparation plant. The truck dump location is shown on Plate 3-2, and details regarding the embankment and roadway are shown on Plates 3-2C and 3-2D.

A 220' long by-pass conveyor and 225 ton truck loadout bin have been constructed south/southwest of the preparation plant. The locations of the structures are shown on Plate 3-2, and construction details are shown on Plates 3-2C, 3-2D and 3-2E.

A previously approved Temporary Truck Dump and Stacking Conveyor have been relocated and installed as a permanent truck dump facility west of the silo, as shown on Plate 3-2. The system consists of a low profile truck dump, a 20' x 48" transfer conveyor and an 84' x 48" stacking conveyor. Details of the system are shown on Plates 3-2a and 3-2b.

Cross sections of the plant access and coal haulage and processing waste roads are shown on Plate 3-4 "Road Cross-Sections". No culverts at Savage Coal Terminal are used exclusively for road surface drainage and no ditch relief culverts are planned.



**Mining and Reclamation Plan
Savage Coal Terminal**

The refuse disposal road is approximately 1,584 feet long. The road is gravel-surfaced and maintained at approximately 20 feet width. The road runs from the preparation plant to the refuse disposal area and will be maintained throughout the active phase of refuse disposal.

A new haul road and truck dump have been built just southeast of the existing No. 2 (Genwal) Truck Dump.

The truck dump consists of a 12' x 15' x 10' steel hopper mounted on a concrete pad. The hopper will receive coal from bottom dump trucks and feed it onto a portable stacking conveyor system, approximately 300' in length. The new truck dump, hopper and conveyor system have been discussed and approved in the Air Quality Approval Order. The conveyor units and hopper are all portable, and will simply be removed from site upon reclamation. The concrete and fill will be disposed of on site during reclamation. Reclamation costs are included in Appendix 3-3.

The new haul road will utilize approximately 1200' of existing road from the southwest entrance to the refuse haul road. New construction consisted of approximately 1100' of new haul road and placement of a permanent truck dump/hopper which will feed the stacking conveyor, discussed above.

The road is surfaced with 6" of 3/4" gravel, furnished from a commercial gravel pit. Such material is non-acid and non-toxic forming. The gravel surface will be used for approximately 4 months, after which time the new road may be paved with asphalt.

SUPERSEDED
EFFECTIVE:
JUL 18 1998

All haul roads are presently gravel surfaced; however, it is proposed to ultimately pave these roads. At the present time, it is proposed to pave approximately 2000' of haul road from the southwest entrance to the office/scale area and down to the railroad crossing at the Genwal Truck Dump. The area of proposed paving is shown on Plate 3-2. A typical section of the proposed paved haul road is shown on Figure 3-6b.

INCORPORATED
EFFECTIVE:
JUL 29 1997 97C
UTAH DIVISION OIL, GAS AND MINING

**Mining and Reclamation Plan
Savage Coal Terminal**

beneath the road. The culvert is properly sized as shown in Appendix 7-4. Existing culvert C-4 will be extended to carry runoff beneath the new road. Culverts will have a minimum of 3' of fill over the top, and will be of sufficient gauge to prevent crushing.

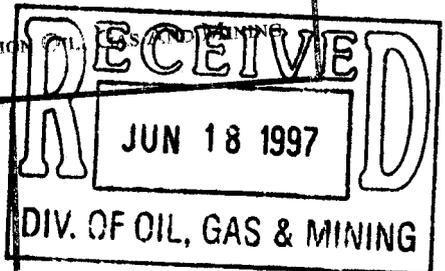
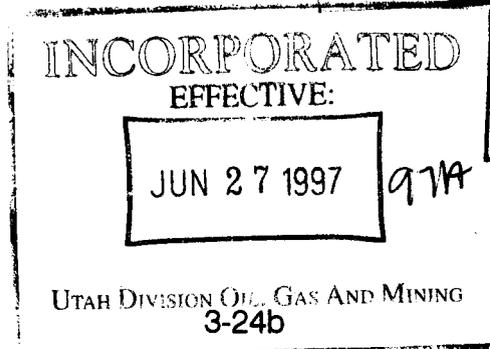
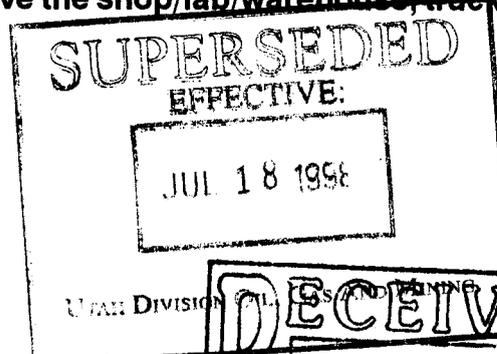
The drainage from the new road area will flow to existing ditch CD-8 and to Sediment Pond No. 5 for treatment. The drainage area and volume will remain unchanged from the existing, approved condition; therefore, all drainage control structures below the proposed new road area are considered adequate. All existing and proposed drainage controls are shown on Plate 3-2.

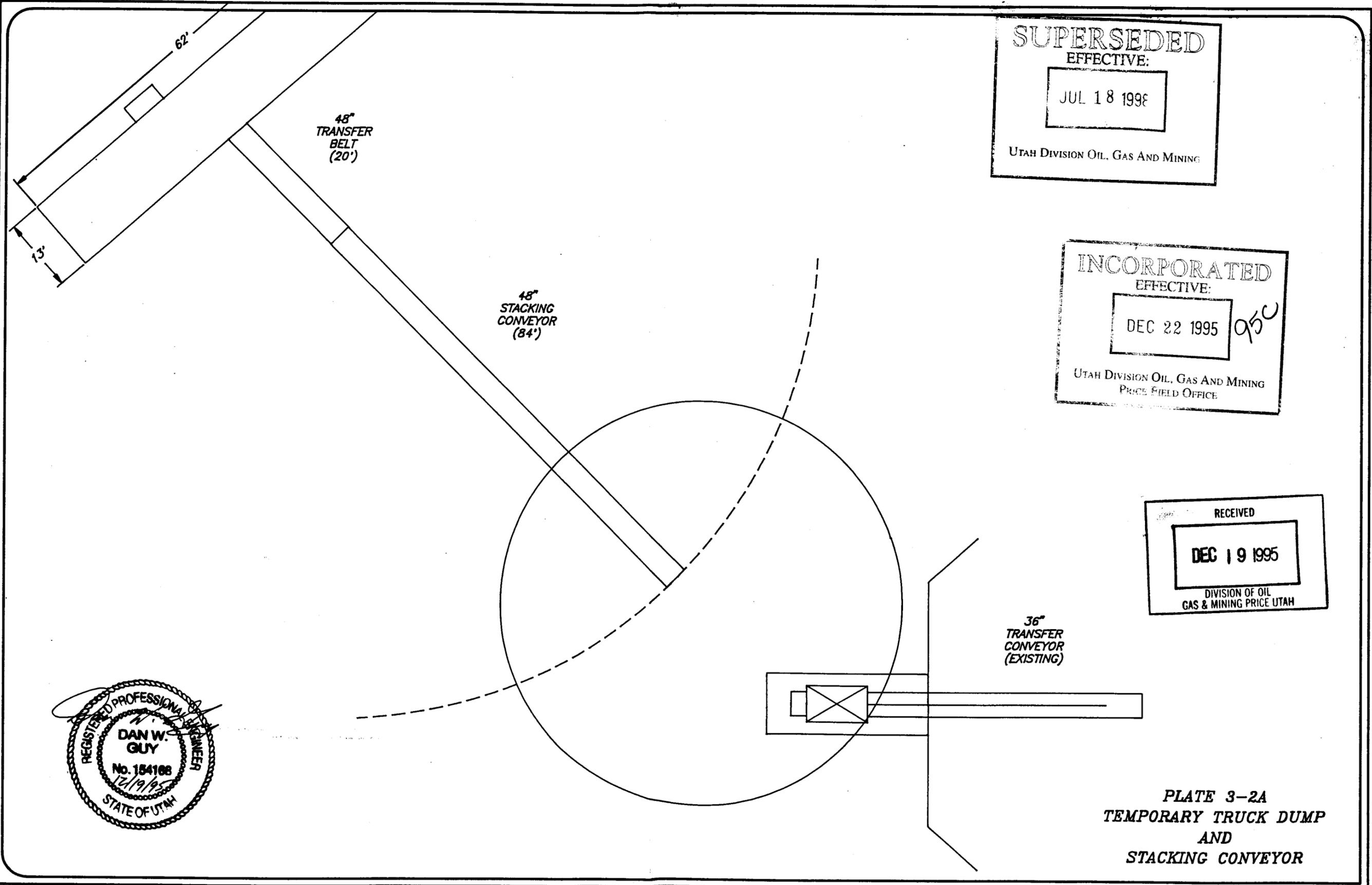
All proposed changes are shown on Plate 3-2. Road details are shown on Plates 3-9 and 3-9A. Culvert sizing is shown in Table 7-25. Reclamation costs are detailed in Appendix 3-3 and culvert sizing / runoff data are in Appendix 7-4.

The above referenced roads are all considered "Primary Roads" as provided in R645-301-527.100. All other roads on the site are considered "Ancillary Roads". All road locations are shown on Plate 3-2. Primary road details are shown on Figure 3-5 and 3-6 and Plate 3-4A. Ancillary road details are shown on Figure 3-6A.

All roads on the site are located, designed, constructed and maintained in accordance with requirements of R645-301-742.410.

Parking areas, shown on Plate 3-2, serve the shop/lab/warehouse, truck scale and preparation plant areas.





SUPERSEDED
 EFFECTIVE:
 JUL 18 1996
 UTAH DIVISION OIL, GAS AND MINING

INCORPORATED
 EFFECTIVE:
 DEC 22 1995 *agc*
 UTAH DIVISION OIL, GAS AND MINING
 PRICE FIELD OFFICE

RECEIVED
 DEC 19 1995
 DIVISION OF OIL
 GAS & MINING PRICE UTAH

36"
 TRANSFER
 CONVEYOR
 (EXISTING)

48"
 TRANSFER
 BELT
 (20')

48"
 STACKING
 CONVEYOR
 (84')

REGISTERED PROFESSIONAL ENGINEER
 DAN W. GUY
 No. 154108
 12/19/95
 STATE OF UTAH

PLATE 3-2A
 TEMPORARY TRUCK DUMP
 AND
 STACKING CONVEYOR



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

March 27, 1998

Dan Guy
Blackhawk Engineering
214 East 1st North
Price, Utah 84501

Re: New Sampling Building, Savage Coal Industries, Savage Coal Terminal, ACT/007/022-98A, Folder #2, Carbon County, Utah

Dear Mr. Guy:

The referenced amendment is hereby approved effective March 27, 1998, a stamped approved incorporated copy will be mailed to you from the Price Field Office for incorporation in your mining and reclamation plan.

Sincerely,

A handwritten signature in cursive script that reads "Joseph C. Helfrich".

Joseph C. Helfrich
Permit Supervisor

jch
Enclosure

cc: Mark Page, Water Rights, Price (w/o enclosure)
Dave Ariotti, Health, Price (w/o enclosure)
Bill Bates, Wildlife, Price (w/o enclosure)
Price Field Office

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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

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340
(801) 359-3940 (Fax)

March 25, 1998

To: File

Thru: Joe Helfrich, Permit Supervisor

From: Wm. J. Malencik, Reclamation Specialist

RE: Proposed New Sampler/Building, Savage Industries, Inc., Savage Coal Terminal,
ACT/007/022-98A, Folder #2, Carbon County, Utah

SUMMARY

The permittee submitted a complete amendment that addresses all the mandatory items as required under the Utah Coal Rules.

In light of the above, the analysis and findings, I recommend the amendment be approved. The permittee, in his subsequent submission, has adequately addressed each required item as required by the coal rules.

ANALYSIS AND FINDINGS

R645-301-200, Soils

ANALYSIS -

The project involves a preparation plant disturbed area not currently being utilized. This is a pre-law disturbance and the project does not contain any salvagable suitable soils.

FINDINGS

The amendment meets the requirements of the coal rules. The topic mentioned above is currently addressed in the approved MRP. Therefore, the amendment complies with coal rules.



R645-301-300, Biology

ANALYSIS -

No vegetation currently exists on the proposed storage area.

FINDINGS

The amendment meets the requirements of the coal rules. The topic mentioned above is currently addressed in the approved MRP, and therefore, the amendment complies with coal rules.

R645-301-400, Land Use and Air Quality

ANALYSIS -

The project is included in the DEQ-Air Quality Order. Land use is unchanged and currently addressed in the approved MRP.

FINDINGS

The amendment meets the requirements of the coal rules. The topic mentioned above is currently addressed in the approved MRP, and therefore, the amendment complies with coal rules.

R645-301-500, Engineering

ANALYSIS -

The project designs are included for the concrete pad and coal sample building. Also, an updated surface map has been submitted to show where the project is located as related to other facilities. Further, a copy of a building permit issued by Carbon County is included as part of the amendment application.

FINDINGS

The amendment meets the requirements of the coal rules.

R645-301-600 Not Applicable.

R645-301-700, Hydrology

ANALYSIS -

The project currently includes in a runoff conveyance and treatment system as approved and described in the MRP. The drainage from the area is conveyed by an approved ditch and reports to sediment pond #6.

FINDINGS

The amendment meets the requirements of the coal rules. The topic mentioned above is currently addressed in the approved MRP, and therefore, the amendment complies with coal rules.

R645-301-800, Bonding and Insurance

ANALYSIS -

The project currently is covered by a surety bond. The permittee has submitted updated reclamation costs associated with this project and rationale demonstrating the current bond is adequate.

FINDINGS

The amendment meets the requirements of the coal rules. The topic mentioned above is adequately addressed in the amendment application, and therefore, complies with coal rules.

RECOMMENDATION

Recommend the amendment be approved.

②

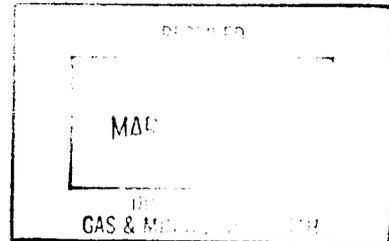


Savage Industries Inc.
2025 E. 5000 S.
Price, Utah 84501
(801) 637-5664
(801) 637-3418 FAX

February 3, 1998

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

GBA



*Re: Proposed New Sampler/Building
Savage Coal Terminal
ACT/007/022
Carbon County, Utah*

Dear Mr. Malencik:

Enclosed are 3 copies of a proposed amendment to the Savage Coal Terminal Permit. The proposal is to install a new coal sampler and building on the silo loading conveyor, just east of the existing sample house.

The proposed system is enclosed at sampling and transfer points. The sample house is a steel structure, measuring 4'6" x 17'3", and will sit on a small concrete pad.

The proposed addition is in the existing disturbed area, and any runoff will be directed to Sediment Pond No. 6. Complete plans are included as Plates 3-2F & 3-2G.

The location is shown on the revised Facility Map, Plate 3-2. A copy of the approved building permit from Carbon County is attached.

A bond estimate for reclamation of this system has also been completed (See Appendix 3-5). The estimate shows the expected reclamation cost to be approximately \$998.26. The present bond on the facility is \$2,728,178.00 and includes a 10% contingency of \$272,818.00. Recently approved amendments were estimated to have reclamation costs of \$18,718.57. When this amount is added to the estimated reclamation cost of the proposed sampler, the total is \$19,716.83, reducing the bond contingency to \$253,101.17; therefore, there should be no need to increase the bond as a result of this amendment.

Required permit change forms are enclosed. Contractors are prepared to start on this project immediately upon approval. If you have any questions, or need any further information, please contact me or Dan Guy.

Sincerely,

A handwritten signature in black ink, appearing to read 'Boyd Rhodes', with a long horizontal line extending to the right.

*Boyd Rhodes
Manager*

*cc: Dan W. Guy - Blackhawk
File*

APPLICATION FOR PERMIT PROCESSING

②

Permit Change <input type="checkbox"/>	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: <u>ACT/007/022</u>
Title of Proposal: <u>NEW COAL SAMPLER</u>						Mine: <u>SAVAGE COAL TERMINAL</u>
						Permittee: <u>SAVAGE INDUSTRIES</u>

Description, include reason for application and timing required to implement:
TO REPLACE ORIGINAL SAMPLING SYSTEM.

Instructions: If you answer yes to any of the first 7 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to an inspector.

- | | | |
|---|--|---|
| <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. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 4. Does application include operations in hydrologic basins other than as currently approved? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Does application result from cancellation, reduction or increase of insurance or reclamation bond? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice/publication? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 8. Is the application submitted as a result of a Violation? Violation # _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Division Order? D.O. # _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P??) |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 15. Does application require or include soil removal, storage or placement? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps, or calculations? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 21. Have reclamation costs for bonding been provided for? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 22. Is proposed activity within 100 feet of a public road or perennial stream or 300 feet of an occupied dwelling? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 23. Is this coal exploration activity? |

Attach 3 complete copies of the application.

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.

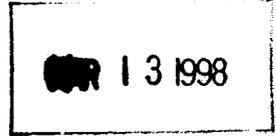
Dana Ballard MGR 2-12-98
 Signed - Name - Position - Date

Subscribed and sworn to before me this 7th day of July, 1998
Dana Ballard
 Notary Public
 My Commission Expires: 9-27-2001
 Attest: STATE OF _____ COUNTY OF _____



DANA BALLARD
 NOTARY PUBLIC - STATE OF UTAH
 865 EAST 2800 SOUTH
 PRICE, UT 84501
 COMM. EXP 9-27-2001

Received by Oil, Gas & Mining



ASSIGNED PERMIT CHANGE NUMBER

98A

Application for Permit Change Detailed Schedule of Changes to the Permit

Title of Change:

NEW COAL SAMPLER

Permit Number: *ACT 0071022*

Mine: *SAVAGE COAL TERMINAL*

Permittee: *SAVAGE INDUSTRIES*

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit change. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED

ADD REPLACE REMOVE

APPENDIX 3-5

ADD REPLACE REMOVE

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

ADDENDUM TO AMENDMENT:

R 645-301-200, Soils

The proposed sample building will be placed on existing, disturbed soil. This is in an area of pre-law disturbance and no topsoil has been salvaged here.

R 645-301-300, Biology

The sample house is enclosed and simply replaces an existing sampler. No new biologic concerns are noted for this amendment.

R 645-301-400, Land Use and Air Quality

The sample house will have no impact on land use, since it will be removed on reclamation. The building is enclosed and the conveyors will be covered. The house has been addressed in a revised Notice of Intent to Air Quality.

R 645-301-500, Engineering

All required maps and text are included with this application. Designs are certified, and a building permit has been applied for from Carbon County.

R 645-301-600, Geology

The sampler is in a pre-law disturbed area. No geologic impacts are anticipated.

R 645-301-700, Hydrology

Drainage from the sampler will go to disturbed ditch CD-2, as the area has in the past. This ditch flows to Sediment Pond No. 6 for final treatment. See Plate 3-2 for location and drainage details.

R 645-301-800, Bonding and Insurance

Required bonding calculations are included with this amendment.