

# PERMIT CHANGE TRACKING FORM

- Significant Permit Revision
- Permit Amendment
- Incidental Boundary Change

DATE RECEIVED <b>8-28-95</b>	By: <b>US MAIL</b>	PERMIT NUMBER	ACT/007/022
Title of Proposal: <b>Sediment Disposal</b>		PERMIT CHANGE #	<b>95A</b>
Description: <b>Removal of a portion of sediment to an approved disposal site.</b>		PERMITTEE	SAVAGE INDUSTRIES, INC.
		MINE NAME	SAVAGE COAL TERMINAL

<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION  <input type="checkbox"/> Notice of Review Status of proposed permit change sent to the Permittee.  <input type="checkbox"/> Responses Received.  <input type="checkbox"/> Notice of Affidavit of Publication. (If change is a Significant Revision.)	DATE DUE	DATE DONE	RESULT
			<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED
COMMENTS			

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	DUE	DONE	DUE	DONE	DUE	DONE
<input type="checkbox"/> Lead		<b>8/29</b>	Requested pages 7-7k and 7-7k2 be revised to include PCE sampling at the next cleanout of pond 546			
<input type="checkbox"/> TA (See Attached)						
<input type="checkbox"/> Reviewers						
<input type="checkbox"/> Administrative (AVS)						
<input type="checkbox"/> Biology						
<input type="checkbox"/> Engineering						
<input type="checkbox"/> Geology						
<input type="checkbox"/> Soils						
<input type="checkbox"/> Hydrology						

COORDINATED REVIEWS	SENT	DUE	RECEIVED	SENT	DUE	DONE
<input type="checkbox"/> OSMRE						
<input type="checkbox"/> US Forest Service						
<input type="checkbox"/> Bureau of Land Management						
<input type="checkbox"/> US Fish and Wildlife Service						
<input type="checkbox"/> US National Parks Service						
<input type="checkbox"/> UT Environmental Quality						
<input type="checkbox"/> UT Water Resources						
<input type="checkbox"/> UT Water Rights						
<input type="checkbox"/> UT Wildlife Resources						
<input type="checkbox"/> UT State History (SHPO)						
<input type="checkbox"/> State Trust Lands						

<input type="checkbox"/> Public Notice / Comment / Hearing Complete. (If the permit change is a Significant Revision)	<input checked="" type="checkbox"/> Permit Change Approval Form signed and approved effective as of this date.	<input type="checkbox"/> Permit Change Denied.	<b>9-5-95</b>
<input type="checkbox"/> Copies of permit change marked and ready for MRP.	<input checked="" type="checkbox"/> Notice of	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Denial to Permittee.	<b>9-5-95</b>
Special Conditions/Stipulations written for approval.	<input checked="" type="checkbox"/> Copy of Approved Permit Change to File.		<b>9-5-95</b>
<input type="checkbox"/> TA and CHIA modified as required.	<input checked="" type="checkbox"/> Copy of Approved Permit Change to Permittee.		<b>9-5-95</b>
<input type="checkbox"/> Permit Change Approval Form ready for approval.	<input checked="" type="checkbox"/> Copies to Other Agencies and <b>SLD</b> Field Office.		<b>9-5-95</b>

Mining and Reclamation Plan  
Castle Valley Spur Coal Processing and Loadout Facility Permit Application

U.S. Office of Surface Mining (Selected Hand-held Calculator Codes for the Evaluation of the Cumulative Hydrologic Impacts of Mining, OSM, Region V, Contract J5191334, Denver, Colorado) was used to perform the actual calculation. The calculator outputs are listed in Table 7-20.

The water depth, in the channel, is about 0.77 ft. for a discharge of 6.3 cfs. When depths of 0.5 ft. and 1.0 ft. were assumed, the discharge was found to be about 3.0 and 10.0 cfs, respectively. In all cases channel flow velocities are less than 3 ft. per second.

7.2.3.2.1 Disturbed Area Runoff

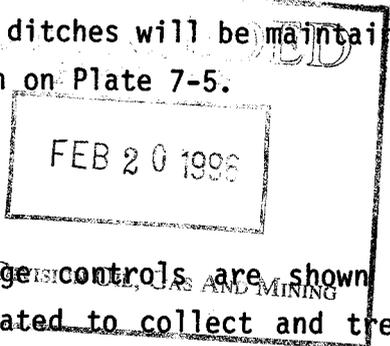
Disturbed area runoff from the site is routed to the sediment ponds via collection ditches, as shown on Plate 3-2. Collection ditches vary in size and configuration; however, ditches will be maintained at minimum cross-sectional areas as shown on Plate 7-5.

7.2.3.3 Sedimentation Control

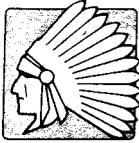
Sedimentation Ponds and on-site drainage controls are shown on Plate 3-2. Sedimentation ponds are located to collect and treat runoff from various sub-drainages. All ponds are designed to store at least one year of sediment plus the runoff volume from a 10-year, 24-hour rainfall. The sedimentation ponds are arranged in series such that all runoff from disturbed areas passes through Sedimentation Pond No. 6. The outlet of Sedimentation Pond No. 6 is an NPDES discharge monitoring and Compliance Point.

Water from Pond 6 is normally not discharged, but is placed back into the raw water feed for the preparation plant for re-use.

The sedimentation and other ponds will be cleaned periodically to maintain at least one year's sediment storage capacity. Cleaning is accomplished by a backhoe or dragline. The material is placed directly into trucks and hauled to the refuse pile on site for final disposal. The drainage from



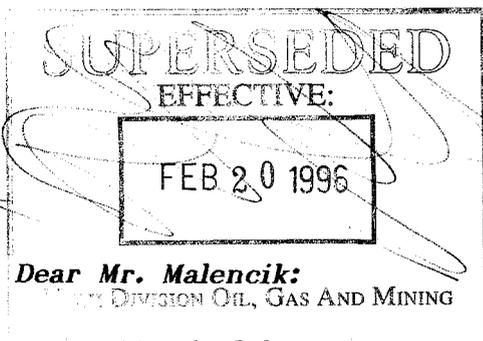
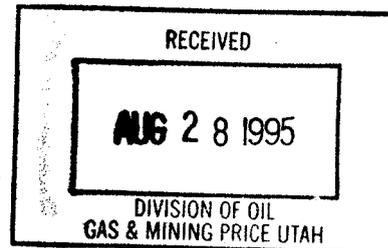
**AMENDMENT TO**  
**APPROVED** Mining & Reclamation Plan  
Approved, Division of Oil, Gas & Mining  
by *Jim Fuchs* date 2/20/88



**Savage**  
INDUSTRIES, INC.

P.O. Box 370  
Huntington, Utah 84528  
(801) 637-9542

Mr. Bill Malencik  
Utah Division of Oil, Gas & Mining  
Price Field Office  
c/o College of Eastern Utah  
451 East 400 North  
Price, Utah 84501



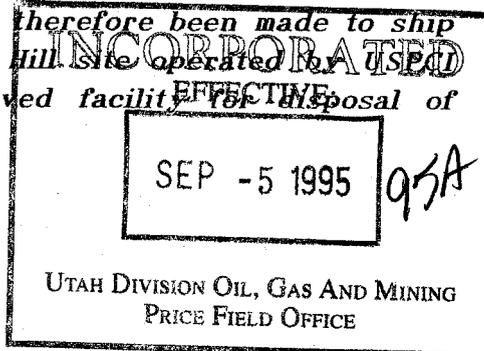
Re: *Sediment Disposal Amendment  
Savage Coal Terminal  
ACT/007/022  
Carbon County, Utah*

Dear Mr. Malencik:  
UTAH DIVISION OIL, GAS AND MINING

Attached for your approval are 8 copies of an amendment regarding the disposal of pond sediment at the Savage Coal Terminal (formerly C.V. Spur).

The plan previously stated that all sediment pond material removed would be placed on the refuse pile. The plan has now been amended to cover the remote possibility that some of the sediment is not suitable to be disposed of onsite and may have to be taken to another approved facility for treatment or disposal.

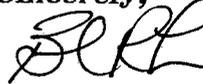
This amendment is necessitated by a recent internal environmental audit conducted by Mountain Coal Co., in which very minor amounts (15-85 ppb) of Perchloroethylene (PCE) were found in isolated areas of the inlets of Sediment Ponds 5 and 6. In preparation for the sale of the site to Savage Industries, Inc., Mountain Coal Co. agreed to clean the contaminated material from the ponds and arrange for its disposal. Because PCE is listed waste, it could not be placed on the refuse pile or hauled to the local ECDC disposal site. Arrangements have therefore been made to ship the material (300 - 500 tons) to the Grassy Hill site operated by USPCI near Tooele, Utah. This site is an approved facility for disposal of hazardous materials.



Although the source of the PCE is unknown, it is suspected that it came from solvent use at the old Jensen Truck shop. This area used to drain into Ponds 5 and 6, until the shop area was officially removed from the permit and its drainage was separated from the permit drainage. Sediment from other ponds on the site did not show any such contamination; therefore, it appears to have been an isolated incident which originated off site. It is not expected that any such contamination should occur again in the future; however, since this material will be taken off-site, this amendment will cover the present situation as well as any future variations to the on-site disposal.

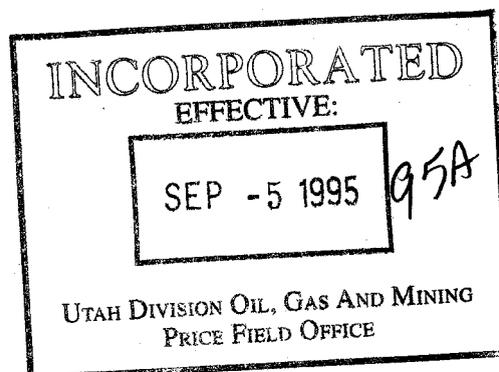
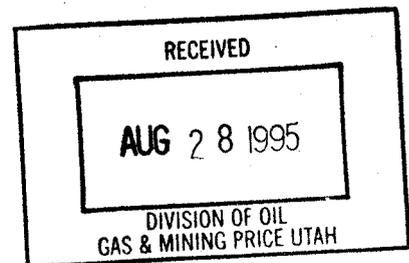
It is our hope this amendment meets with your approval. Be assured all contaminated material will be properly disposed of in an approved facility. If you have any questions, or need any further information, please let me know.

Sincerely,



Boyd Rhodes

cc: Blackhawk Engineering Co.  
Jim Sauls - Savage Ind.  
File



# APPLICATION FOR PERMIT CHANGE

Title of Change: *SEDIMENT DISPOSAL AMENDMENT*

Permit Number: *ACT10071022*

Mine: *SAVAGE COAL TERMINAL*

Permittee: *SAVAGE INDUSTRIES*

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

*REMOVAL OF A PORTION OF SEDIMENT TO AN APPROVED DISPOSAL SITE.*

- |   |  |  |
|---|--|--|
| <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 checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | 9. Permit change as a result of other laws or regulations? Explain: <i>LISTED WASTE IN SEDIMENT.</i>   |
| <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 type="checkbox"/> Yes            | <input checked="" 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 type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 18. Does permit change require or include certified designs, maps, or calculations? <span style="float: right;">RECEIVED</span>  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 19. Does permit change require or include underground design or mine sequence and timing? <span style="float: right;">AUG 28 1995</span>   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 20. Does permit change require or include subsidence control or monitoring? <span style="float: right;">DIVISION OF OIL, GAS &amp; MINING, PRICE, UTAH</span>                                    |
| <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? <span style="float: right;">DIVISION OF OIL, GAS &amp; MINING, PRICE, UTAH</span>        |
| <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? <span style="float: right;">DIVISION OF OIL, GAS &amp; MINING, PRICE, UTAH</span> |
| <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?   |

Attach 9 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.

*[Signature]* *MANAGER* *8-21-95*  
Signed - Name - Position - Date

Subscribed and sworn to before me this 21 day of Aug., 19 95

*[Signature]*  
Notary Public



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

My Commission Expires: 9-27, 19 97  
Attest: STATE OF \_\_\_\_\_  
COUNTY OF WASHCANNON

INCORPORATED

Received by **EFFECTIVE** Oil, Gas & Mining

SEP - 5 1995

UTAH DIVISION OIL, GAS AND MINING  
PRICE FIELD OFFICE

ASSIGNED PERMIT CHANGE NUMBER

95A





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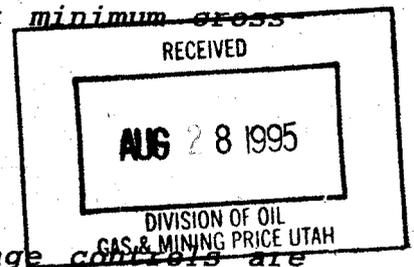
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see Incorporated  
copy  
08/15/95 dated 8/30/95

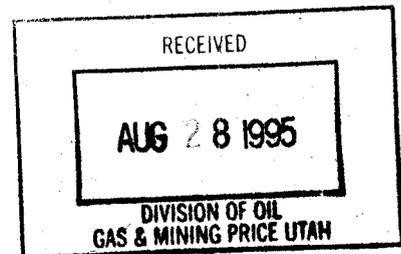
← This copy  
Not Incorporated

Mining and Reclamation Plan  
Castle Valley Spur Coal Processing and Loadout Facility

Water from Pond 6 is normally not discharged, but is placed back into the raw water feed for the preparation plant for re-use.

The sedimentation and other ponds will be cleaned periodically to maintain at least one year's sediment storage capacity. Cleaning is accomplished by a backhoe or dragline. If the sediment is not determined to contain any listed hazardous contaminants, it will be hauled to the refuse pile on site for final disposal. If such contaminants are present in the sediment, or if other special circumstances exist which preclude disposal of the sediment on site, the material may be taken off-site to an approved disposal facility. The Division will be notified prior to any such removal of sediment from the site.

The drainage from



See incorporated  
Copy dated  
08/15/95 8/30/95

7-78a

← This copy  
not incorporated.