



- Partial
- Complete
- Exploration

Inspection Date: October 6<sup>th</sup>, 1997  
 Time: 10:00  am  pm to 2:00  am  pm  
 Date of Last Inspection: September 12, 1997

Mine Name: Savage Coal Terminal County: Carbon Permit Number: Act 001/022  
 Permittee and/or Operator's Name: Savage Industries Inc.  
 Business Address: P.O. Box 587, Wellington, Ut 8454  
 Type of Mining Activity:  Underground  Surface  Prep. Plant  Other  
 State Official(s): Bill Malencik  
 Company Official(s): Boyd Rhodes; Dan Guy Consultant  
 Federal Official(s): N/A

Weather Conditions: Cloudy started to rain at 11 a.m 10/7/97  
 Existing Acreage: Permitted- 160 Disturbed- 122 Regraded-      Seeded-      Bonded- 122  
 Increased/Decreased: Permitted-      Disturbed-      Regraded-      Seeded-      Bonded-       
 Status:  Exploration /  Active /  Inactive /  Temporary Cessation /  Bond Forfeiture  
 Reclamation ( Phase I /  Phase II /  Final Bond Release /  Liability      Year)

**REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS**

**Instructions**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

inspection report

INSPECTION REPORT COMMENTS

Permit No. Act 007/022

Inspection Date 10/6 & 7/97

Please number comments to correspond with topics on previous page.

General Comments. This inspection at the Savage Coal Terminal covered two primary topics (1) followup on the September inspection on Co-Val's impoundment and (2) a partial inspection of the coal terminal

Records & Pending matters

1. The Division notified Savage through attorney Jensen that the current bond of \$2,728,178<sup>00</sup> exceeds the reclamation cost estimate. This matter was the outgrowth of the permit mid-term review. The letter documenting the finding was dated 9/18/97 and provides the option to reduce the bond to 2,525,000<sup>00</sup> or retain the current bond.

2. There are no pending amendments. Mr Rhodes said plans to pave additional roads are on hold because of contractor availability and other reasons.

Co-Val Impoundment. Refer to inspection report of 9/12/97. The undersigned scheduled a "good neighbor" meeting between Co-Val and Savage Industries. The purpose of the

Copy of report mailed to \_\_\_\_\_

Copy of report given to \_\_\_\_\_

Inspector's signature \_\_\_\_\_ No. \_\_\_\_\_

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE/OPERATOR GOLDENROD - NOV FILE

INSPECTION REPORT COMMENTS

Permit No. Act 0021022

Inspection Date 10/6 & 7/97

Please number comments to correspond with topics on previous page.

meeting was to evaluate if additional control measures are necessary to preclude runoff from Co-Vol coal storage area et al from discharging onto or the potential to discharge onto Savage's undisturbed area. DEQ issued Co-Vol a storm water permit. In DEQ's report per understandings reached between DEQ and Co Vol included were the following items:

- water impoundment would be a total containment pond
- the culvert (road) would be blocked so that pond could not discharge onto Savage's undisturbed area
- pond would be sized for the drainage reporting area.
- if they wanted to discharge across Savage then Co Vol would need a UPDES permit and sample discharges

Minutes of the 10/7/97 meeting are attached

Copy of report mailed to \_\_\_\_\_

Copy of report given to \_\_\_\_\_

Inspector's signature \_\_\_\_\_ No. \_\_\_\_\_

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE/OPERATOR GOLDENROD - NOV FILE

INSPECTION REPORT COMMENTS

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Field. The environmental control measures were observed. No problems were noted. The operator repaired the gabions discussed in the last meeting.

Copy of report mailed to STI/Boyd Rhoads; OSM/Henry Austin; DOGM/Joe Heltrich

Copy of report given to Price Field Office

Inspector's signature Jim J. Chulavich No. 26

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE/OPERATOR GOLDENROD - NOV FILE

10/10/97



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

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October 7, 1997

To: Attendees

From: Wm. J. Malencik, Reclamation Specialist

RE: Meeting Minutes, Co-Vol Technologies, Inc./Savage Industries, Inc.

Date: October 7, 1997

Time: 10:30a.m.-11:30a.m.

Who Requested Meeting: Malencik, DOGM

Where Held: Co-Vol Plant

Present: Co-Vol, Robert Gabbitas, Plant Manager, 637-7685  
Savage, Dan Guy, Blackhawk Engineering/Savage Consultant, 637-2422  
Water Rights, Mark Page, State Engineer, 637-1303  
DOGM, Bill Malencik, Reclamation Specialist, 637-5806

Goal of Meeting: Explore what additional changes need to take place on Co-Vol pond to minimize risk that the incised pond would not have a potential to discharge onto the Savage DOGM permitted area.

Conclusions Reached:

- (1) Co-Vol would install a pipe that when the pond reaches capacity would discharge in a northerly direction.
- (2) The pipe would be below RailCo road grade and the pond would have no potential to discharge on to Savage DOGM permitted area.
- (3) Co-Vol would contact Mark Page on the matter of acquiring the necessary authorizations from the State Engineer's Office on the use of water for dust suppression.



Page 2  
Co-Vol Meeting  
October 7, 1997

Comments:

Appreciate Co-Vol's and Savage's good neighbor cooperation and attitude to solve a problem of mutual concern.

Follow-up:

Co-Vol Item #1 and Item #3. Notify Mark Page and Bill Malencik when Item #1 has been completed.

Should the minutes of the meeting not reflect your understanding of the meeting conclusions please notify me on your suggested changes in writing.

sd