



# 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

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

## INSPECTION REPORT

Partial:  Complete:  Exploration:   
Inspection Date & Time: April 1, 1997 11:00 am to 4:30 pm  
Date of Last Inspection: 02/18/97

Mine Name: Emery Deep Mine County: Carbon Permit Number: ACT/015/015  
Permittee and/or Operator's Name: Consolidation Coal Company  
Business Address: P.O. Box 527, Emery, Utah 81434  
Type of Mining Activity: Underground  Surface  Prep. Plant  Other   
State Official(s): David W. Darby  
Company Official(s): Steve Behling  
Federal Official(s): Henry Austin  
Weather Conditions: Cool, clear  
Existing Acreage: Permitted-5180 Disturbed-40 Regraded-2.7 Seeded-2.7 Bonded-270  
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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/015

DATE OF INSPECTION: 04/01/96

(Comments are Numbered to Correspond with Topics Listed Above)

### General Comments

Henry Austin accompanied me on the inspection to conduct an oversight review. He had reviewed the Ten Day Notices that had been written several years ago. He wanted to check the status and site condition of them now. The operation is still inactive. Steve Behling met us on site to give us a tour of the area and answer any questions about the permit and monitoring activities.

Consolidated Coal Company (Consol) previously submitted an amendment to their mine plan on September 14, 1995. As mentioned in prior inspection reports, the Bureau of Land Management is currently revising the rules defining Logical Mining Units (LMU). Before we met for the oversight Henry met with people at the BLM office in Price, Utah to check the status of the changes. He found that the LMU's were still under review.

### 2. Signs and Markers

All signs and markers are properly posted at the site.

### 4. Hydrologic Balance

#### 4a. Diversions

All the diversion structures were checked to ensure proper flow conditions, all were functioning properly. No water was flowing off of the disturbed areas of the minesite.

#### 4b. Sedimentation Pond

The area around the surface facilities was dry with no runoff in the ponds. Pond 008 was dry enough to drive through, compared to the last inspection, when it contained several inches of runoff. We evaluated the status of NOV (X-89-02-107-3) referring to Ponds 002 and 003. The TDN issued back in 1989 required the operator to build up the embankments of the pond to contain storage of the 100 year- 24 hr precipitation event, since clogging of the outlet pipe was a potential. Currently, Pond 003 is size to contain the 100 year-24 hr event. The discharge valve is closed, so no runoff can be transferred to pond 002. Plans are in the MRP and work on the pond was still evident. Ponds 004 and 005 also had small levels of runoff. Pond 002 was dry. Pond 001 and 003, the large mine water discharge ponds were discharging.

The second last quarterly pond inspections was conducted on December 2, 1996. Annual pond certifications were conducted on December 20, 1996. The third first quarter pond inspections has not been conducted at the time of the inspection.

#### 4d. Water Monitoring

Water monitoring had been conducted for all months during the quarter. Sampling was conducted on March 3, 1997. The results were not back from the lab. Sampling was recorded in Steve's notebook.

#### 4 e. Effluent Limitations

All monthly site sampling was completed by the operator. No UPDES discharges exceeded their limits during the fourth quarter. UPDES sampling is conducted for the quarter on the 2nd and 16th of January, 3rd and 19th of February and the 3rd and 17th of March for ponds 001 and 001, the only two ponds that discharged..

Copy of this Report:

Mailed to: James Fulton (OSM, Denver), Tim Kirshbaum (Consol), Steve Behling (Emery Deep Mine)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: David W. Darby #47 Date: 04/12/97

**INSPECTION REPORT**

(Continuation sheet)

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PERMIT NUMBER: ACT/015/015

DATE OF INSPECTION: 04/01/97

(Comments are Numbered to Correspond with Topics Listed Above)

**7. Coal Mine Waste/ Refuse Piles/ Impoundments**

We inspected the coal refuse pile. In the permit the refuse pile is designated and approved as a temporary coal waste stock pile. Material stockpiled at this site will eventually be placed in the gravel pit, approved for storage, and covered with a soil material.

**16. Haul Roads**

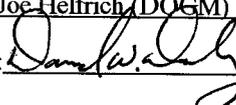
Henry checked the certification and designs of the haul roads on the mineside. There was a 1989 enforcement action requiring designs for all haul roads.

**21. Bonding and Insurance**

Bonding and insurance verification was conducted. A new insurance policy was issued for 1997 by Marsh and Mchennan. The policy number is SYL 945 444-01. Henry reviewed the policy and suggested that the wording stating that "the insurance company would attempt to contact the Division in the event of coverage ceased", should be changed to state that "the insurance company will contact the Division in the event coverage ceases". The wording is a requirement of the Division's policy and contact will be made with Marsh and Mchennan Insurance to correct the statement.

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