



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*Jph*

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## INSPECTION REPORT

Partial:  Complete:  Exploration:   
Inspection Date & Time: December 18, 1997 12:00 to 4:30 pm  
Date of Last Inspection: 09/27/96

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): none  
Weather Conditions: Clear, Cold, some snow on ground  
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

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - 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.
  - For **partial inspections** check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- 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 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 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: 12/18/97

(Comments are Numbered to Correspond with Topics Listed Above)

### General Comments

I met Steve Behling at the minesite to conduct the quarterly inspection. The operation is still inactive with no sign of change.

The division received a letter from the Bureau of Land Management on September 26, 1997 indicating that they have completed reviewing Amendment ACT/015/015-95B, and have no objection to the mid-term mine plan amendment. This information allows the division to incorporate the amendment into the mine plan. The response does not address the BLM's conclusion on the Logical Mining Units that were under review, and the reason the amendment was delayed. The BLM evidently decided to separate the amendment and LMU issue, since the LMU decision process was taking so long.

### 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

Pond 5 was the only pond to contain runoff, it was frozen and the level was below the discharge pipe. Ponds 001 and 003, the large mine water discharge ponds contained water. Pond 001 was frozen except where water was discharging into the pond. Pond 3 was ice free and receiving flow from the pump. Pump discharging to Pond 001 runs about 3.5 hours a day, and the pump discharging to Pond 003 operates about 10 hours a day to keep up with inflow to the mine. Discharge rates are measured in the winter at the discharge weirs by Steve.

Annual pond inspections and certifications were conducted on ponds October 20, 1997 for all ponds. Quarterly pond inspections were conducted on December 12, 1997.

#### 4d. Water Monitoring

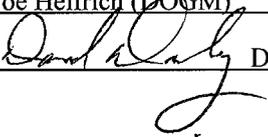
Quarterly surface water monitoring was conducted on December 3, 1997. All spring sites were monitored on December 12, 1997.

#### 4 e. Effluent Limitations

All UPDES monthly water sampling was completed by the operator. No UPDES discharges exceeded their limits during the quarter. UPDES sampling is conducted two times each month. Quarterly sampling was conducted on October 1 and 15, 1997, November 3 and 17, 1997 and December 1 and 15, 1997. The samples for November and December were sent to the lab, but the reports have not been received.

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: 12/29/97