



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*John*  
*John*

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## INSPECTION REPORT

INSPECTION DATE & TIME: 7/29/92  
11:30 am - 1:40 pm

Permittee and/or Operator's Name: Consolidation Coal Co.  
Business Address: P.O. Box 527 Emery, Utah 84522  
Mine Name: Emery Deep Permit Number: ACT/015/015  
Type of Mining Activity: Underground  Surface  Other  
County: Emery Company Official(s): Horace Petty  
State Official(s): Sharon Falvey,  
Federal Official(s): None  
Partial:  x Complete  Date of last Inspection: 6/18/92  
Weather Conditions: Clear Warm  
Acreage: Permitted 5180 Disturbed 40 Regraded 2.7 Seeded 2.7  
Bonded 207 Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(x)	( )	( )	(x)
2. SIGNS AND MARKERS	( )	( )	( )	( )
3. TOPSOIL	( )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( )	( )	( )	( )
b. DIVERSIONS	(x)	( )	( )	(x)
c. SEDIMENT PONDS AND IMPOUNDMENTS	( )	( )	( )	( )
d. OTHER SEDIMENT CONTROL MEASURES	( )	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	( )	( )	( )	( )
7. COAL PROCESSING WASTE	( )	( )	( )	( )
8. NONCOAL WASTE	( )	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	( )	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	( )	( )	( )	( )
11. CONTEMPORANEOUS RECLAMATION	( )	( )	( )	( )
12. BACKFILLING AND GRADING	( )	( )	( )	( )
13. REVEGETATION	( )	( )	( )	( )
14. SUBSIDENCE CONTROL	( )	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	( )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( )	( )
b. DRAINAGE CONTROLS	(x)	( )	( )	(x)
c. SURFACING	( )	( )	( )	( )
d. MAINTENANCE	( )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( )	( )	( )	( )

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PERMIT NUMBER: ACT/015/015

DATE OF INSPECTION: 8/6/92

(Comments are Numbered to Correspond with Topics Listed Above)

On Friday July 24, the mine site had a significant rainfall event. Mr. Petty indicated they received approximately 1" in an hour.

One of the objectives of this inspection was to address the June 18, 1992 memo regarding undisturbed drainage runoff diversions around the temporary refuse pile and coal stockpile.

### 1. PERMITS

On May 7, 1992, amendment 92 A was recommended for approval by Priscilla Burton, following construction of the berm along the plant access road. Her approval did not include a review of the complete map, but focused on the topsoil piles. There is some question whether the operator has correctly identified the location of the refuse and coal stockpile, ponds, and secondary "jeep" road on this map and previously submitted maps. The map also shows perimeter ditches extending beyond the point where they might actually exist. The next inspector should compare this area to the map on a more detailed level.

### 4. Hydrologic Balance:

#### b. DIVERSIONS

The proposed berm was in place along the plant access road during this inspection. However, the rain event wore on the berm causing failure. The area receiving this drainage is treated by a leach field additionally, there was no sign of refuse or coal being water transported.

The June 18 memo, regarding undisturbed drainage runoff diversions around the temporary refuse pile and coal stockpile, were indicated as unnecessary. The operator indicated the ditches would not provide a significant beneficial function. From my observations during this inspection I feel the ditches would provide beneficial functions.

The following drainage patterns resulted from the recent rainfall event.

1. The lower perimeter ditches No. 1 and No. 2 required maintenance at the north corners of the site. A good portion of the ditch was sediment laden reducing the ditch capacity. Additionally, water that had moved through the ditch appeared to be very close to breaching the berm.

2. The rainfall event resulted in a drainage formation that abuts the refuse pile. This flow transferred some coal particles from the refuse pile and coal stockpile to the perimeter ditches 1 and 2.

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#### 4. Hydrologic Balance: b. DIVERSIONS (cont.)

3. The drainage is located closely to an undisturbed natural ditch. Drainage that abutted the refuse has the potential to breach into the natural drainage and completely miss treatment if its present coarse should deviate.

The presence of a Ditch has the potential to provide the operator with three major advantages.

1. The water would not abut the refuse pile, eliminating the potential for significant erosion of the waste material.
2. Excess water could be diverted to the pond north of the pile eliminating the potential for breaching the north corner of ditches 1 and 2.

3. Potential for completely missing the perimeter ditches and treatment of disturbed drainage would be minimized.

The memo suggesting that ditches for drainage above the refuse are not necessary is not accepted by the Division. The operator is requested to provide designs for ditches at the refuse pile as required under R645-301-746.330.

#### 16. ROADS

It appears the operator has had problems with road drainage along the south west corner of the site. This area has the potential to receive disturbed drainage from flow that reaches the plant access road. The inslope at the curve of the road does not prevent drainage from exiting off the permit and disturbed areas. Mr. Petty states that the water that leaves the site at this point is from road drainage only. However, R645-301-752.220 requires the operator to control or prevent additional contributions of suspended solids off the permit area. The operator is requested to provide designs for sediment control at this section of the road to minimize the potential of contributing suspended solids off the permit area.

Copy of this Report:

Mailed to: Gorden Manchester (Emery) Bernie Freeman OSM,

Given to: Daron Haddock, Joe Helfrich, DOGM

Inspector's Signature & Number: Charon Falvey #38 Date: 8/6/92