

0034



## State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGNorman H. Bangert  
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801-538-5340

*DPZ*  
*gch*

## INSPECTION REPORT

INSPECTION DATE & TIME: 1/17/91  
10:00am - 3:30pm

Permittee and/or Operator's Name: Soldier Creek Coal Co.  
 Business Address: P.O. Box I; Price UT 84501  
 Mine Name: Soldier Canyon Mine Permit Number: ACT 007/018  
 Type of Mining Activity: Underground X Surface Other  
 County: Carbon Company Official(s): John Pappas  
 State Officials(s): Priscilla Burton  
 Federal Official(s): none  
 Partial: X Complete      Date of last Inspection: 12/27/90  
 Weather Conditions: clear skies, sunshine, melting snow  
 Acreage: Permitted 4905 Disturbed 16.23 Regraded      Seeded       
 Bonded 32.2 Enforcement Action: Notice of Violation #91-37-1-3

## COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	( )	( )	( )	( )
2. SIGNS AND MARKERS	(x)	( )	( )	(x)
3. TOPSOIL	( )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(x)	( )	( )	(x)
b. DIVERSIONS	( )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( )	( )	( )	( )
d. OTHER SEDIMENT CONTROL MEASURES	(x)	( )	( )	(x)
e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	(x)	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	(x)	( )	( )	(x)
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	(x)	( )	( )	(x)
13. REVEGETATION	( )	( )	( )	( )
14. SUBSIDENCE CONTROL	( )	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	( )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( )	( )
b. DRAINAGE CONTROLS	(x)	( )	( )	( )
c. SURFACING	( )	( )	( )	( )
d. MAINTENANCE	( )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES	( )	( )	( )	( )
UTILITY INSTALLATIONS	( )	( )	( )	( )

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT 007/018

DATE OF INSPECTION: 1/17/90

(Comments are Numbered to Correspond with Topics Listed Above)

### 2. SIGNS AND MARKERS

The installation of the Soldier Creek culvert extension (approval date 11/1/90) has encroached upon the Soldier Creek buffer zone along the access road to the Mine Fan Portal #2 (see Plate 4.2-6 of the Amendment). Notice of Violation #91-37-1-3, part 1 of 3, is being issued for failure to operate within the disturbed area boundary (R614-300-142). The operator agreed to modify Exhibit 4.2-6 to reflect the limits of the actual construction and to place perimeter markers at the limits of the actual disturbance.

### 4. HYDROLOGIC BALANCE

#### a. STREAM CHANNEL DIVERSIONS

The Soldier Creek stream culvert extension is in place. Construction has been halted due to freezing temperatures and their adverse effect on backfilling and grading. The mine water discharge (MW-2) and stream flow have been allowed to return to the creek bed and flow through the new culvert. The operator has placed several straw bales inside the culvert as interim sediment control.

#### d. OTHER SEDIMENT CONTROL MEASURES

The disturbed area drainage flowing down watershed #7 was inspected (see Drawing #EO30 in the MRP). The grates and down drains were clogged with snow and ice in places (see Exhibit 4.2-2 in the MRP). The main drain alongside Highway 53 was running free, but was being encroached upon by supplies in the storage yard. The operator has agreed to clear all drains of ice, snow and stored supplies. The downdrains to the sediment pond below the office building on Highway 53 were functioning.

The operator has requested an increase in the NPDES limit for Total Dissolved Solids as a result of recent exceedences and increased ground water flow (letter to USEPA 1/15/91).

### 6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL

The development waste from the three mine portals under construction is presently being stored along the roadway directly south of the new culvert extension. Soldier Creek's permit (MRP sec 4.2, page 4-31) indicates that all development waste will be stored underground. Notice of Violation #91-37-1-3, part #2 of 3, is being issued for failure to place excess spoil within a designated area in the permit (R614-528.310). The operator must treat the spoil at it's current location to reduce the run off down to ASCA #5 using the best available technology (submit a plan for review) and the operator must provide to the Division a sample of the spoil

according to Table #6 of the Utah Guidelines so that the physiochemical nature of the spoil may be determined. The operator must include on the forthcoming issue of Exhibit 4.2-6 the location of the waste rock pile.

The excavated earth from the culvert extension is being stored on the opposite side of Highway 53 from the disturbed streambed within the Disturbed area boundary. Notice of Violation #91-37-1-3, part 3 of 3, is being issued for failure to identify and protect the topsoil resource (R614-301-250). The stream culvert extension amendment indicated that a minimal portion of the excavated material was to be saved as topsoil (due to the presence of boulders and rock fragments). The operator must designate what portion of the excavated earth is topsoil and what portion of this material will be used as backfill into the streambed. The operator has agreed to determine the volume of material required for backfill and the volume of material designated as topsoil and to process a sample of this earth according to the Table 6 Guidelines for assessing overburden as substitute topsoil. In question is the percentage of rock fragments. In the interim, the operator has agreed to protect this excavated material as "potential" topsoil: to place straw bales around its perimeter and to label it as "potential" topsoil. The location of this "potential" topsoil pile will be added to the next issue of Exhibit 4.2-6.

## 12. BACKFILLING AND GRADING

Backfilling of the new stream culvert extension has been delayed until the weather permits. The operator wondered if the backfill material may be taken from development waste presently stored on the pad in ASCA #5. This development waste may be used for backfill in accordance with R614-301-745 and R614-542.720 and based on the results of the physical and chemical analyses referred to above.

### Copy of this Report:

Mailed to: John Kathman-OSM, John Pappas-SCCC

Given to: Daron Haddock-DOGM, Joe Helfrich-DOGM

Inspector's Signature & Number: *Prilla Burt* #37 Date: 1/28/91