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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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QR7
#5

INSPECTION REPORT

INSPECTION DATE & TIME: 2/21/91
8:30am - 1:30pm

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, Dave Spillman
State Officials(s): Priscilla Burton
Federal Official(s): none
Partial: X Complete Date of last Inspection: 1/17/91
Weather Conditions: clear skies, sunshine, 40's
Acreage: Permitted 4905 Disturbed 16.23 Regraded Seeded
Bonded 32.2 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT

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(Comments are Numbered to Correspond with Topics Listed Above)

4. HYDROLOGIC BALANCE

b. Diversions

John Pappas and I walked the disturbed diversion ditches (see Exhibit 4.2-2). In January, the water had been flowing rapidly on the site. During this inspection, water was slowly melting from blocks of ice and snow.

The 24" culvert in front of the Maintenance Shop was packed with 20" of coal sediment. The operator immediately recruited surface employees to clear out the culvert.

Further up the Fan #1 access road, the disturbed run-off enters a 24" culvert through a concrete headwall. Beneath ice and snow, one could see that the headwall was fitted with a grate. A solid plate attached to the grating covered half the culvert opening. The disadvantage of this trap was clear in January, when the ponding effect of the trap created an ice blockage that tended to divert water around the concrete headwall to enter the culvert at downdrains further downstream. Although the culvert is oversized for the 10 Year, 6 Hour event, the use of a solid sediment/rock trap is under review by the Division's technical staff.

The operator must be more diligent in maintaining all disturbed drainage ditches.

c. Sediment Ponds

The sediment pond appears to be full of sludge. The operator indicated that the pond will be cleaned this spring. The permit indicates that the sediment cleaned from the pond will either be placed at the waste-rock storage site or underground. The operator has no above ground waste-rock storage site at this time.

d. Other sediment control measures

The Small Area drainage Exemption (SAE) at Fan #2 is treated by a ditch between the fan and the County road. This ditch feeds into a 12" culvert that directs flow into Soldier Creek. This culvert is in the care of the operator and not REI. The ditch and culvert should be maintained (see Exhibit 5.4-9 and pgs 4-14c,d,& e of the MRP).

As I walked the length of the conveyor belt, I noticed that the canyon winds have drifted coal fines. In the Rock Dust Bin and Recycle Barrel area the coal fines are approximately 2 feet deep. The operator has developed a plan to avoid any problems with coal fines leaving the disturbed area and accumulating in sensitive zones. First, the operator will add coal stacking equipment. Second, the operator will construct a culvert running parallel

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to County Road #53 from the eastern side of Soldier Creek to the sediment pond. Third, the operator will erect Jersey barriers along the buffer zone area of Soldier Creek, including the area north of the parking lot and around the parking lot downstream to the drainage ditch. These efforts to manage coal fines are detailed in the operator's new submittal of volume 8, Facilities Expansion.

6. DISPOSAL OF WASTE AND SPOIL

Portal construction continues to generate development waste on the surface.

Copy of this Report:

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

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

Inspector's Signature & Number: *Dorella Burton* #37 Date: 2/26/91