



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

INSPECTION DATE & TIME: 29 July, 1992  
12:30 p. m. to 3:00 p. m.

Permittee and/or Operator's Name: Southern Utah Fuel Company  
Business Address: P. O. Box P, Salina, Utah 84654  
Mine Name: Convulsion Canyon Mine Permit Number: ACT/041/002  
Type of Mining Activity: Underground  Surface  Other   
County: Sevier  
Company Official(s): Mike Davis  
State Official(s): James D. Smith  
Federal Official(s): none  
Partial:  Complete:  Date of last Inspection: June 24, 1992  
Weather Conditions: Sunny, high 80's, light breeze  
Acreage: Permitted- 17301 Disturbed- 67.8 Regraded- 0.5 Seeded- 0.5  
Bonded- 67.8 Enforcement Action: none

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/012 DATE OF INSPECTION: July 28, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

### 4.f. Effluent Limitations

At mine water discharge monitoring point PT003, monthly average TDS levels exceeded NPDES limits in June and during four of the previous five months. The first sample for July was also in exceedance. SUFCo has been notifying DEQ as required by the NPDES permit, with copies of the letters sent to DOGM. The exceedances have not been large, but SUFCo's data indicate that there has been a long term increase in TDS that is finally reaching the point of chronic exceedance.

Reasons for the exceedances are not known but SUFCo is beginning to investigate possible causes, such as leaching of sodium from the high sodium coal currently being mined and leaching of gypsum from rock dust used in the mine.

### 6. Disposal of Mine Development Waste

The second lift has been filled at the waste rock disposal site and is ready for final compaction and then reclamation. Waste is being placed to start the third lift. Topsoil and subsoil have been stripped from the area for the third lift and will be used to reclaim the second lift. These soil piles have no erosion control as they are expected to be moved in the near future, but Mike Davis could not commit as to how soon that would be.

A channel between the first and second lifts has been maintained as per the plans but will be filled by the reclamation of the second lift. The terrace on the slope of the first lift is being extended to the second lift. A channel between the second and third lifts will be established as the third lift is developed.

### 8. Non-Coal Waste

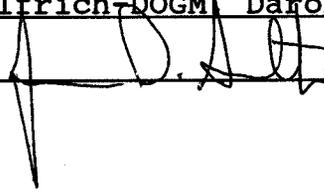
A few items of non-coal waste were seen on top of the second lift, which had just been leveled, and Mike said they would be removed before compaction. Mike also said the mine crews, rather than a contractor, were now responsible for removing the non-coal waste from the waste rock and were

doing most of the cleanup while the waste was still underground. A pile of waste rock at the mine site, which was being moved to the third lift at the waste rock disposal site, appeared to be free of non-coal waste.

Copy of this Report:

Mailed to: Brian Smith-OSM, Mike Davis-SUFCo

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

Inspector's Signature:  # 43 Date: July 30, 1992