



0011

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

J. Lee

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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INSPECTION REPORT

Permittee and/or Operators Name: Southern Utah Fuel Company
 Business Address: P.O. Box P Salina, Ut 84654
 Mine Name: Convulsion Cannon Permit Number: ACT/041/002
 Type of Mining Activity: Underground Surface Other
 County: Sevier
 Company Official(s): Norm Harris
 State Official(s): Holland Shepherd
 Inspection Date and Time: 10-17-86 11:00 - 1:30
 Partial: Complete: Date of Last Inspection: 9-17-86
 Weather Conditions: Sunny - warm, no runoff
 Acreage: Permitted 694 Disturbed 27.79 Regraded 0 Seeded 0 Bonded 27.79
 Enforcement Action: none

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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Permit Number: ACT/042/002

Inspection date: 10-17-86

Comments

4.a. Stream Channel Diversions:

No runoff was apparent coming from the site during the course of this inspection, nor was there any water in the stream channel diversions. However, water was noticed coming from the outlet of the bypass culvert at the rate of approximately 20-30 gpm. This point usually discharges at a rate of over 200 gpm. The water was depositing an iron stain on down the creek bed from the mouth of the culvert outlet. I later determined that the water had originated from discharge point 001, inside the bypass culvert. I obtained water samples at both the bypass outlet and the discharge point.

Regarding discharge point 001, the operator had indicated several months ago (see inspection reports for 6-17-86 and 7-16-86), that discharges from this point would be discontinued because of problems with iron concentrations. In a later discussion with Mr. Mike Davis, of Sufco, I was informed that a valve had not been tightened down adequately allowing some water from the operator's mine water pumping system to escape into the iron pipe which discharges at point 001. In any case it is still not the operator's intent to continue to use this discharge point, at this time. However, the operator has indicated to me that the mine would like to retain this discharge location for possible use at a later point in time when mining production evolves to another part of the mine. The discharge point is still permitted under the operator's current NPDES permit, and can be used as long as the effluent limitations are being met.

The Division would like to see the discontinuance of this discharge point until the iron pipe flushing problem can be resolved. In a discussion with Mike Hercamer of the State Bureau of Water Pollution Control, I was informed that, though his agency did not have a high level of concern for the discharge situation, they would still like to have the operator back flush the pipe before discharging or initially discharge into the sediment pond. The first few minutes of discharge are when the highest levels of iron are encountered.

4.b. Diversions:

The operator has upgraded the riprapping along the diversion which crosses below the first switchback on the east substation service road.

Copy of this Report:

Mailed to: Mike Davis, Donna Griffin
Given to: Joe Belfrich, Sue Linner

Inspector's signature and number: Yallo Dye #9 10-24-86