



0002

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

File

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
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INSPECTION REPORT

Permittee and/or Operators Name: Southern Utah Fuel Company
Business Address: PO Box P Salina Utah 846
Mine Name: Convulsion Canyon Permit Number: A-1/041/002
Type of Mining Activity: Underground Surface Other
County: Sevier
Company Official(s): Mike Doms
State Official(s): Tom Wright
Inspection Date and Time: 3/20/86 315 - 400
Partial: Complete: Date of Last Inspection: 2/6/86
Weather Conditions: SUNNY / WARM
Acreage: Permitted 694 Disturbed 27 Regraed 0 Seeded 0 Bonded 27
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 checked="" 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:				
a. STREAM CHANNEL DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DIVERSION'S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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				
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 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"/>

INSPECTION REPORT
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Permit Number: Act/041/002

Date of Inspection: 3/20/86

COMMENTS

(Comments are Numbered to Correspond with Topics Listed Above)

General comments: Snow cover on this site has melted. Little runoff on the area during this inspection.

(4c) Operator's representative Mike Davis reports that an attempt was made on 3/3 to decont. the sediment pond. The spillway was opened till 3/10 when bad weather forced Mr Davis to shut off the decont. Discharge was reported to be approximately 4.5 gallon per minute.

Water level in the pond was below the overflow during this inspection. No flow from the pond to the pond was noted during this inspection.

Runoff was noted entering the sediment trap during this inspection. Volume was slight and quality appeared fair. No discharge from the trap was noted during this inspection.

Copy of this Report:

Mailed to: Mike Davis, Donna Griffin

Given to: Joe Helfrich, Holland Shepherd

Inspectors Signature and Number: Thomas W Wright #8

FILE COPY

March 17, 1986

TO: Technical File
FROM: Rick P. Summers, Hydrology *RS*
RE: SUFCO, Convulsion Canyon Mine, Stipulation #1 Review,
ACT/041/002, Sevier County, Utah

SUMMARY

In 1982 and 1983, SUFCO was experiencing problems meeting TSS limitations from the sediment pond at the Convulsion Canyon Mine. As the result of DOGM's permit review, it was determined the pond was undesignated as built and several suggestions were made to SUFCO to improve pond performance. The modifications included raising the primary spillway outlet to obtain more storage capability (and detention time) and routing some undisturbed and small area exemption drainage from the system. At this time, the pond effluent data was reviewed to determine if the pond system is performing adequately.

RECOMMENDATIONS

The data for approximately the last two years demonstrates the system is currently performing adequately to meet effluent limitations (see attached data summary). I recommend deleting stipulation 1, part a from SUFCO's permit prior to formal approval.

BODY

The data from SUFCO's point source discharge permit reports since the pond modification is as follows:

Note: Pipe 002 on reports is sediment pond discharge

<u>DATE</u>	<u>TSS Max.</u>	<u>TSS Avg.</u>
11-1-83	12.00	10.0
1-84	No Discharge	
2-84	No Discharge	
3-84	693.0*	258.0*
4-84	No Discharge	
5-84	No Discharge	
6-84	No Discharge	

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<u>DATE</u>	<u>TSS Max.</u>	<u>TSS Avg.</u>
7-84	No Discharge	
8-84	8.0	7.5
9-84	No Discharge	
10-84	No Discharge	
11-84	No Discharge	
12-84	No Discharge	
1-85	No Discharge	
2-85	No Discharge	
3-85	25.0	27.0
4-85	No Discharge	
5-85	No Discharge	
6-85	No Discharge	
7-85	No Discharge	
8-85	No Discharge	
9-85	No Discharge	
10-85	Not Applicable	12.0
11-85	No Discharge	
12-85	No Discharge	
1-86	No Discharge	
2-86	Not reported	

*Note: High value was due to emergency condition at pond. Ice had formed at the primary spillway and had separated the riser from the barrel. The discharge lasted five (5) days.

jvb
cc: L. Braxton
D. Cline
S. Linner
0317R-77