

Document Information Form

Mine Number: C1041/002

File Name: Incoming

To: DOGM

From:

Person N/A

Company OFFICE OF SURFACE MINING

Date Sent: N/A

Explanation:

MINE SITE EVALUATION INSPECTION REPORT

cc:

File in: C1041, 002, Incoming

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information



U. S. DEPT. OF THE INTERIOR #5

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Mine-Site Evaluation Inspection Report



Copy, Inspection file # 770

1. Permittee/Person CANYON FUEL COMPANY		9. Permit Number UT-041-002	10. Type a. Permit <input type="checkbox"/> b. RA <input type="checkbox"/> PP S
2. Address P.O. BOX P 397 SOUTH 800		11. Inspection Date 04/02/1997 <small>MM - DD - YY</small>	12. Inspection Type SCX
3. City SALINA	4. State UT	13. Joint Inspection Y <small>Y/N</small>	14. Permit Status A
5. Zip Code 84654	6. Phone Number 801-529-7428	15. Site Status AP	16. Facility Type BEF
7. Operator if Different than Permittee		17. OSM Office # 140	18. RSI #
8. Mine Name CONVULSION CANYON		19. Land Code F	20. M.S.H.A. ID # 42-00089
		21. State Code 49	22. County Code 041
		23. AVS Permittee Entity ID Number 060111	23b. State Office

24. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere

A. Administrative

- 1 Mining within Valid Permit
- 1 Mining within Bonded Area
- 1 Terms & Conditions of Permit
- 1 Liability Insurance
- 1 Ownership and Control
- 3 Temporary Cessation

B. Hydrologic Balance

- 1 Drainage Control
- 1 Inspections & Certifications
- 1 Siltation Structures
- 1 Discharge Structures
- 1 Diversions
- 1 Effluent Limits
- 1 Ground Water Monitoring
- 1 Surface Water Monitoring
- 1 Drainage -- Acid-Toxic Materials
- 1 Impoundments
- 1 Stream Buffer Zones

C. Topsoil & Subsoil

- 1 Removal
- 1 Substitute Materials
- 1 Storage and Protection
- 4 Redistribution

D. Backfilling & Grading

- 4 Exposed Openings
- 4 Contemporaneous Reclamation
- 4 Approximate Original Contour
- 4 Highwall Elimination
- 4 Steep Slopes (includes downslope)
- 4 Handling of Acid & Toxic Materials
- 4 Stabilization (rills and gullies)

E. Excess Spoil Disposal

- 3 Placement
- 3 Drainage Control
- 3 Surface Stabilization
- 3 Inspections & Certifications

F. Coal Mine Waste (Refuse Piles/Impoundments)

- 1 Drainage Control
- 1 Surface Stabilization
- 1 Placement
- 1 Inspections and Certifications
- 3 Impounding Structures

G. Use of Explosives

- 3 Blaster Certification
- 3 Distance Prohibitions
- 3 Blast Survey/Schedule
- 3 Warnings & Records
- 3 Control of Adverse Effects

H. 1 Subsidence Control Plan

I. Roads

- 3 Road Construction
- 1 Certification
- 1 Drainage
- 1 Surfacing and Maintenance
- 4 Reclamation

J. Signs & Markers

- 1 Signs
- 1 Markers

K. 1 Distance Prohibitions

L. Revegetation

- 4 Vegetative Cover
- 4 Timing

M. 4 Postmining Land Use

N. Other

- _____
- _____
- _____

25. Inspection Frequency

a. Date of Last State Complete Inspection **01/06/1997**

Frequency for previous 4 Calendar Qtrs.

b. Number of required complete inspections **4** Number of complete inspections conducted **4**

c. Number of required partial inspections **8** Number of partial inspections conducted **8**

26. Inspection Hours

3.0 a. Permit Review

6.0 b. Inspection Time

8.0 c. Travel Time

3.0 d. Report Writing

27. Bonded

70.0 File in:

Confidential

Shelf

Expandable

Refer to Record No. **0017** Date _____

In C/ **041, 002** Incoming

For additional information _____

0.0



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ACT 1041/002 #5

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01/06/1997

Frequency for previous 4 Calendar Qtrs.

b. Number of required complete inspections **4** Number of complete inspections conducted **4**

c. Number of required partial inspections **8** Number of partial inspections conducted **8**

26. Inspection Hours

3.0 a. Permit Review

6.0 b. Inspection Time

8.0 c. Travel Time

3.0 d. Report Writing

27. Bonded Acres

70.0 a. Total bonded

0.0 b. Phase I released

0.0 c. Phase II released

0.0 d. Phase III released

28. Acres

17301.0 a. Permitted

67.8 b. Disturbed (Estimated)

Page 1 of _____
Revised July 1, 1993

U. S. DEPT. OF THE INTERIOR

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Mine-Site Evaluation Inspection Report

Permit Number UT-041-002

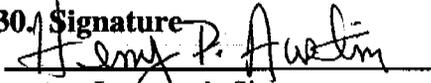
Inspection Date 04/02/1997

29. Identified Violation Data.

For inspection types C (Complete Random Sample) and SC or SP (Complete or Partial In-depth Review), list all violations present during the current Federal inspection and all violations, cited or uncited, identified in the last State complete inspection report. For any other inspection type, including Federal program inspections, list only violations observed during the current inspection or subject of current Federal follow-up actions.

B Per. Std. Category	C Abated (Y/N)	D State Action	E Reason if Uncited	F Cause	G		H Impact	I OSM Action	J		K Optional
					Seriousness PEO	Impact			OSM Action Number		
A. Specific State Law/Regulations Violated: _____ Description: _____											
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Specific State Law/Regulations Violated: _____ Description: _____											
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | | | |
|---|---|--|--|
| D. State Action
1) Existed on LSCI, Cited
2) Existed on LSCI, Not Cited
3) Cited Prior to LSCI, Abatement Pending
4) Occurred Since LSCI
5) N/A Federal Program
6) N/A Permit Defect | E. State's Reason for not Citing Violation
1) Not a Violation
2) Precluded by State Policy
3) Not Included under State Program
4) Warning Given in Lieu of a Citation
5) Violation Not Recognized
6) Practice Allowed under Approved Permit
7) Too Minor to Cite
8) Working with Operator to Correct
9) Other _____ | F. Cause
1) Permit Defect
2) Unusual Weather Conditions
3) Unofficial Waiver
4) Operator Negligence
5) Other _____ | G. Probability of Event Occurrence
1) None or Unlikely
2) Likely
3) Occurred |
|---|---|--|--|
-
- | | |
|---|--|
| H. Impact
Damage Remains Within the Permit Area
1) None or Minor
2) Moderate
3) Considerable
Damage Extends Beyond the Permit Area
4) None or Minor
5) Moderate
6) Considerable
Obstruction to Enforcement
7) None or Minor
8) Moderate
9) Considerable | I. OSM Action This Inspection
1) Deferred to State Action
2) TDN Issued
3) NOV Issued
4) FTA-CO Issued
5) IH-CO Issued (Imminent Environmental Harm)
6) ID-CO Issued (Imminent Danger to Public)
7) Previously Cited by RA, Abatement Pending
8) Abated during or before OSM Inspection
9) Follow-up of Federal Action |
|---|--|

30. Signature

 Inspector's Signature
HENRY AUSTIN 9/11/97
 Inspector's Printed Name
 31. OSM Inspector ID# 116
 Dated: 04/11/1997
 Reviewing Official: James F. Fulton
 Review Date: 4/11/97

April 10, 1997

Canyon Fuel Company (CFC)
P.O. Box P
397 South 800 West
Salina, Utah 84564

Convulsion Canyon Mine
Complete, joint inspection
April 2, 1997

Participants:
Mike Davis, CFC
Peter Hess, DOGM
Henry Austin, OSM

Participated in a complete oversight inspection of the mine. Weather conditions included blowing snow and ground cover of snow sufficient to restrict our observations during the inspection. The last OSM oversight inspection here was March 3, 1993.

We began the inspection by identifying ourselves to Mr. Davis. We received mine hazard and self-rescuer training and went underground to inspect the mine breakouts at UPDES 003 mine water discharge and the fan breakout. UPDES 003A was discharging clear water and the weir had recently been replaced. No problems were noted at the breakout and ground conditions prevented going outside safely. We next inspected the fan breakout and Mr. Hess instructed Mr. Davis to clean out coal fines and sediment from the silt fences at this location. This was completed during the inspection. The fan pad was otherwise well protected against surface water runoff and in good condition.

As indicated above, snow cover reduced our observations during the inspection. We inspected the surface facilities area to the extent that we could and made observations of the following: ROM coal storage area; shop/warehouse area; lubricant and oil storage areas; new diesel storage area (SPCP has been amended to include the above ground diesel storage); truck loadout area; and the yard sump area. Generally the facilities area appeared to be well maintained. Snow cover prevented safe access and inspection of the sediment pond and waste rock/refuse disposal area. This concluded the field inspection.

We conducted an office review of various permit documents and monitoring/ reporting requirements including: The current permit term is from 5/20/92 through 5/19/97 and the permit was transferred to Canyon Fuel Company effective 12/20/96. DOGM has determined the permit renewal application complete and notified OSM via letter dated 3/19/97. The current bond, also effective 12/20/96, is with the Reliance Co. and No. U2760730 for \$3,988,000. Liability insurance was renewed 12/20/96 and is effective through 1/1/99. The UPDES permit was effective 5/1/96 and the Utah Dept. of Environmental Quality was notified on 11/19/96 of the pending permittee change. UPDES monthly DMR's were current through 3/26/97. During the first quarter of this year the permittee exceeded the TSS limitation at outfall 003A twice and exceeded the pH limitation at outfall 002 once. On all three occasions the permittee provided the proper written notification to UPDES. Mr. Hess suggested to the permittee that the 24 hr. notification required be documented in the written notice to UPDES for future exceedences. The annual certifications for the sediment ponds and waste rock disposal site were dated 12/12/96 and did not report anything of concern. Quarterly inspections of these structures were current through 3/24/97. Subsidence data required to be submitted with this years annual report has been collected and will be reported in a timely manner. We briefly discussed compaction requirements (to 90% Proctor) for the waste rock disposal site. This is not a specific regulatory requirement in all cases but can be required by the regulatory authority based on the stability analysis assumptions submitted with the waste rock disposal design. This issue will be discussed with DOGM at upcoming oversight meetings. This concluded the inspection.

Please address any questions concerning this report to Henry Austin at (303) 844-1466.