



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

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Lieutenant Governor

Table with 2 columns: Company, Name. Row 1: Mike Davis. Row 2: OGM, Pete Hess, Environmental Scientist III

Inspection Report

Table with 2 columns: Field, Value. Fields: Permit Number (C0410002), Inspection Type (COMPLETE), Inspection Date (Wednesday, September 07, 2005), Start Date/Time (9/7/2005 8:50:00 AM), End Date/Time (9/7/2005 1:30:00 PM), Last Inspection (Thursday, August 18, 2005)

Inspector: Pete Hess, Environmental Scientist III

Weather: Partly cloudy; 70's F.

InspectionID Report Number: 715

Accepted by: whedberg
9/28/2005

Permittee: CANYON FUEL COMPANY LLC
Operator: CANYON FUEL COMPANY LLC
Site: SUFCO MINE
Address: 397 S 800 W, SALINA UT 84654
County: SEVIER
Permit Type: PERMANENT COAL PROGRAM
Permit Status: ACTIVE

Current Acreages

Table with 2 columns: Value, Description. Rows: 24,632.95 Total Permitted, 27.36 Total Disturbed, Phase I, Phase II, Phase III

Mineral Ownership

- Checked: Federal, State. Unchecked: County, Fee, Other

Types of Operations

- Checked: Underground. Unchecked: Surface, Loadout, Processing, Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee continues to meet the requirement included in the Special Permit Condition, Attachment "A" of the current State permit, which is to submit all surface and ground water monitoring information on a quarterly basis in an electronic form to the Division electronic data input site. First quarter of 2005 monitoring information for the SUFCO Mine permit area was submitted to the Division on June 24th, 2005.

There are no compliance actions currently pending for the SUFCO Mine permit area.

The Permittee is currently in the midst of a longwall move; 5th Left Pines East will be the new production panel.

The Permittee notified the Division on September 2, 2005 that a cave-in had occurred in the intake portal of the Mine located in East Spring Canyon. The roof fall propagated to the surface, between the adit and the hillside substation.

Inspector's Signature

Date Thursday, September 08, 2005

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The Permittee submitted a response to the Division relative to the midterm permit review on September 6, 2005. Review of that response is pending. The Permittee is preparing responses for the deficiencies aired by the Division's review of the Muddy Tract application.

3. Topsoil

The topsoil piles at the waste rock site are stable, but much of the vegetation on them is turning brown. The area has received normal precipitation levels over the summer. Tree foliage is turning color in the Accord Lakes area, therefore the turning of the vegetation on the topsoil piles may possibly be attributed to the onset of fall.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Permittee's qualified representative conducted the second quarter impoundment inspections for the Mine site sediment pond and the waste rock ponds on May 25th and June 24th, 2005 respectively. There were no hazards or signs of instability noted for either of the ponds during those inspections. As observed this day, the water elevation in the Mine site pond was below the elevation discharge of the primary spillway.

4.d Hydrologic Balance: Water Monitoring

As noted above, the first quarter 2005 water monitoring information for the SUFCO Mine permit area was submitted to the Division web site on June 24, 2005. Second quarter information is not due until September 30, 2005. Discharge monitoring reports for UPDES outfalls 001A, 002A, and 003A were reviewed for July. 001A was reported as "No Flow". Outfalls 002A (Mine site sediment pond) and 003A (Quitchupah portals mine water discharge) did not report any effluent parameter exceedances. The Permittee has received lab analysis sheets for the following water monitoring sites for the third quarter; Link 001, SUFCO 006, 007, 046, 047, and 047A, Pines 100, 106, and 403, and waste rock sites WRDS B-6 and B-8. All cation/anion balances for these samples were within the acceptable error range. The Permittee sampled the effluent for UPDES outfall 002A on August 3, 2005 for the third quarter.

7. Coal Mine Waste, Refuse Piles, Impoundments

The second quarter inspection for the waste rock facility was conducted by Mr. Davis on June 24th, 2005. There were no hazards or signs of instability noted in Mr. Davis' inspection report, nor were any noted this day. Mr. John Byers, Utah registered professional engineer, and Manager of Tech Services for the Permittee, completed the P.E. certification requirement for this quarterly report. As observed this day, approximately twenty new piles of coal waste material have been placed on the active lift. Removal of noncoal waste from the piles is pending. The Permittee forwarded all second quarter reports (pond inspections and waste rock inspection) to the Division on June 28, 2005.

10. Slides and Other Damage

As noted above, the Permittee had a cave-in in the main intake portal of the East Spring Canyon facility which was reported to the Division on September 2, 2005. The cave propagated to the surface. The Permittee had originally intended to merely excavate the edge of the opening back, muck out the caved material, extend the tunnel liner in the Mine entry, backfill, soil and reseed the area. A new evaluation of the repair has created additional concerns relating to the ground stability of the area which is in close proximity to the hillside electrical substation. As the result of this concern, the Permittee was in the process of dismantling the substation. A 43,000 pound electrical transformer was being moved down the access road during today's inspection. The move was completed successfully. SUFCO employees were in the process of removing the wooden structure in the substation area prior to initiating the recovery of material from the hole. All electrical requirements will be relocated to the primary substation facility located on the south end of the parking area. In order to provide ingress/egress from the Mine, the Permittee established a new underground roadway exiting to the surface through the explosion doors at the East Spring Canyon fan (which is idle).

16.b Roads: Drainage Controls

The Permittee notified the Division this day that it was necessary to fill in a length of the ditch paralleling the access road to the hillside substation to stabilize the 43,000 pound transformer during its move through that road length. It was the Permittee's intent to restore this ditch to design as soon as possible.

18. Support Facilities, Utility Installations

Other facility updates which are ongoing during the shutdown period include the following: 1) the Permittee is in the process of installing a concrete pad outby, under and inby the gravity feed truck loader bin located east of the tipple scale bulding (See PLATE 5-2A, SUFCO MRP). 2) Tipple upgrades which are progressing include the installation of new vibration feeders and a 1800 TPH crusher. 3) In Mine, a coal bunker is being constructed. Mr. Ken May indicated this day that a 75-yard concrete pour would be occurring on 9/8 in that area as part of the construction process. An armored conveyor has been designed to feed coal from the bottom of this bin to the outby conveyor belt.

22. Other

The evaluation report prepared by Mr. Keith Zobell concerning the monitoring of the vegetation in the Link Canyon Portal riparian area has yet to be finalized. Mr. Davis indicated that he needs to return comments to the author prior to finalization.