



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

GARY R. HERBERT
Lieutenant Governor

Table with 2 columns: Representative Name, Title. Includes Mike Davis (Company) and Pete Hess (OGM).

Inspection Report

Table with 2 columns: Field Name, Value. Includes Permit Number (C0410002), Inspection Type (PARTIAL), Inspection Date (Tuesday, November 22, 2005), Start Date/Time (11/22/2005 10:00:00 AM), End Date/Time (11/22/2005 12:50:00 PM), Last Inspection (Tuesday, October 25, 2005).

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, clear, 40's Fahrenheit.

InspectionID Report Number: 790

Accepted by: whedberg
12/9/2005

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: Acreage, Category. Includes Total Permitted (24,632.95), Total Disturbed (27.36), and Phases I, II, 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 Special Permit Condition included as Attachment "A" of the current State permit, which requires the quarterly submittal of all surface and ground water monitoring information in an electronic form to the Division EDI.

N05-53-1-1 was issued to the Permittee on November 14, 2005; the compliance action is relative to the discharge of coal fines to the North Fork of Quitchupah Creek which occurred on or about October 5, 2005. The Permittee's response to the remedial action(s) required is pending.

The permit area has received some snow, which was evident in areas where solar warmth has not melted it. Mr. Davis indicated that the storm had come through approximately one week earlier.

Inspector's Signature

Date Wednesday, November 23, 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 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 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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 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 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 type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

The topsoil pile located inside the boundaries of the Topsoil Storage Pile ASCA (located down canyon of the East Spring Canyon Mine facilities sediment pond) was inspected this day. This ASCA utilizes vegetation, a berm and a silt fence to treat runoff prior to the disturbed area runoff leaving the area. The topsoil storage sign was in place; there did not appear to be any erosion on the outslope of the pile. To date, no vegetation has established itself in the roughened areas of the NE slope.

4.a Hydrologic Balance: Diversions

The collection ditch which parallels the east perimeter of the Topsoil Storage Pile ASCA discussed in (3) needs to have the freeboard enhanced. This location requires hand cleaning of the ditch to accomplish this maintenance requirement.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Mine site sediment pond was discharging clear water this day, as observed at the measuring weir located at the outlet of the primary decant. Water was flowing to this impoundment from the sediment trap located east of the tiple scale building. There were no compliance issues noted with the pond.

4.c Hydrologic Balance: Other Sediment Control Measures

As noted elsewhere in this report, grading activities remain to be completed where the old hillside substation was removed. This area is shown as an ASCA encompassing 0.324 acres on PLATE 5-2B, (300,000 gallon water tank, pump station, and substation pad ASCA). The Permittee will need to revise this MRP information upon completion of the construction activities.

4.d Hydrologic Balance: Water Monitoring

The flow in Quitchupah Creek was observed this day at the Route 10 bridge crossing. There were no problems noted.

4.e Hydrologic Balance: Effluent Limitations

The Permittee has received the turbidity meters which will be installed in the mine water discharge line to reduce the potential of a recurring incident similar to the one occurring on or about October 5, 2005. The meters will be installed such that they can cut electrical power to the mine pumps if the level of suspended solids exceeds that approved within the Permittee's UPDES permit.

7. Coal Mine Waste, Refuse Piles, Impoundments

The active lift at the waste rock site has been filled to capacity with end-placed piles of material. Excess fill material from the intake portal cave-in area was being hauled and placed at the site this day. The material contains coal.

9. Protection of Fish, Wildlife and Related Environmental Issues

The DOGM issued a notice of violation to the Permittee on November 14, 2005 for making additional contributions of suspended solids to stream flow outside the permit area, and for degradation of surface water in the waters of the North Fork of the Quitchupah and Quitchupah Creek. N05-53-1-1 was issued relevant to what is believed to be the release of coal fines from UPDES 003A (mine water discharge point) at the SUFCO Mine.

10. Slides and Other Damage

The Permittee's contractor, Neilson Construction Company, has completed the backfilling of the void constructed to determine the extent of the roof cave which occurred in the area of the East Spring Canyon intake portal. The area has been roughened to enhance moisture harvesting / revegetation potential. The Permittee was in the process of fusing poly pipe together to reinstall the water lines from the 300,000 water tank to the facilities area. More grading needs to be done to complete this project (old substation location). Mr. Davis indicated that the approved interim seed mix (mostly grasses) will be used to seed the area.

18. Support Facilities, Utility Installations

The facilities located in the lower Canyon (spring collection field, pump house, and leach field) were inspected this day. The five strand barb wire fence around the leach field needs to have additional wire retainers installed at some of the "T" post locations, (the strands are sagging, or are in disarray). The wires have probably been moved by wildlife.

20. Air Quality Permit

Water was being applied to the paved road surface in the truck loading area this day.