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

Inspection Report

Permit Number:	C0070005
Inspection Type:	COURTESY
Inspection Date:	Tuesday, June 07, 2005
Start Date/Time:	6/7/2005 9:00:00 AM
End Date/Time:	6/7/2005 12:00:00 PM
Last Inspection:	Monday, May 23, 2005

Inspector: Priscilla Burton, Environmental Scientist III

Weather: overcast, 30 - 40 F, sleet

InspectionID Report Number: 629

Accepted by: whedberg
6/8/2005

Representatives Present During the Inspection:	
OGM	Priscilla Burton Environmental Scientist III
OGM	Wayne Hedberg Environmental Manager
OGM	Dana Dean Environmental Scientist III
OGM	Wayne Western Environmental Scientist III
OGM	Steve Demczak Environmental Scientist III
OGM	Steve Christensen Environmental Scientist II
USFS	Mesia Nyman Forest Ranger
USFS	Dale Harber Forest Geologist
USFS	Tom Lloyd Ferron-Price District Geologist
Company	Chris D. Hansen
Company	Gregg Galecki Environmental Coordinator
Company	Wess Sorenson

Permitee: **CANYON FUEL COMPANY LLC**
Operator: **CANYON FUEL COMPANY LLC**
Site: **SKYLINE MINE**
Address: **HC 35 BOX 380, HELPER UT 84526**
County: **CARBON**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **ACTIVE**

Current Acreages

10,374.00	**Total Permitted**
79.12	**Total Disturbed**
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☐ **Federal**
- ☐ **State**
- ☐ **County**
- ☐ **Fee**
- ☐ **Other**

Types of Operations

- ☑ **Underground**
- ☐ **Surface**
- ☐ **Loadout**
- ☐ **Processing**
- ☐ **Reprocessing**

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

USFS, OGM, Skyline mine made a group inspection of South Fork access road and topsoil storage road reclamation work. In addition to attendees listed below, the USFS brought Mike Smith, Consulting Engineer, and Kathy Dodt-Ellis, Physical Scientist; and Skyline mine brought John Brasher. We discussed possible improvements to minimize remaining road cut. We concluded that this meeting would be followed by a site visit on June 16, 2005, with specific individuals from USFS, OGM, and Skyline Mine for the purpose of flagging locations for future work.

Inspector's Signature /S/ **Date** Wednesday, June 08, 2005

Priscilla Burton, Environmental Scientist III
Inspector ID Number: 37

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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 performace 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	☐	☐	☐	☐
2. Signs and Markers	☐	☐	☐	☐
3. Topsoil	☐	☐	☐	☐
4.a Hydrologic Balance: Diversions	☐	☐	☐	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☐	☐	☐	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☑	☐	☑	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☐	☐	☐	☐
8. Noncoal Waste	☐	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☐	☐	☐	☐
10. Slides and Other Damage	☐	☐	☐	☐
11. Contemporaneous Reclamation	☐	☐	☐	☐
12. Backfilling And Grading	☑	☐	☑	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence Control	☐	☐	☐	☐
15. Cessation of Operations	☐	☐	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☐	☐	☐	☐
16.b Roads: Drainage Controls	☐	☐	☐	☐
17. Other Transportation Facilities	☐	☐	☐	☐
18. Support Facilities, Utility Installations	☐	☐	☐	☐
19. AVS Check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☐	☐	☐	☐

4.c Hydrologic Balance: Other Sediment Control Measures

USFS noted that water bars had not been constructed along a lower section of the access road that parallels the main South Fork(?) drainage from the USFS property boundary extending upcanyon to the convergence with the reclaimed access road leading up to the reclaimed South Fork portals. At the completion of any additional work, water bars should be added to those portions of the access road for the purpose of directing flow off the road to the silt fences.

12. Backfilling And Grading

Location of the South Fork breakout in relation to the Skyline Mine site is shown on Map 3.2.4-2. The surface is owned by the United States and managed by the U.S.F.S. Backfilling and grading of the #1 mine portals at the south fork breakout is described in Section 4.6.5 of the MRP. The access and topsoil storage roads were reclaimed along with the rest of the site in the fall of 2003. The last OGM and USFS site vist was on 08/12/2004, during which the USFS indicated that the road reclamation did not meet their expectations. A letter from the USFS dated 12/29/2004 spells out the USFS concern (see 2004 Incoming document #0077), that the road was not reclaimed as described in the MRP. Specifically, as stated on page 4-41a, "The roads will be brought back to as close to original contour as possible with the least amount of new surface disturbance. No new cut slopes will be created and existing ones will be smoothed to the extent possible. As requested by the Forest Service, water bars will be placed as needed to dissuade vehicular travel after reclamation."

The group walked to the end of the disturbed area (the end of the topsoil storage access road) shown on Map 3.2.11-1. The reclaimed road had been gouged and gouges were retaining water/snow. The USFS noted a small crack on the road edge indicating instability in a portion of the road. The crack was not photographed and was not found on the return walk. There was no evidence of rill or gully erosion along the road or the outslope of the road, but silt fences in the stream were clogged with sediment in places. The road cut clearly remained and the profile of the road was clearly evident for the length of the road. The USFS indicated that their preference was to eliminate the road "prism," and remove steep fill slopes next to the stream.

The Skyline Mine point of view was that the roads were pre-existing and overcast materials had been there for 35 years and no slumping of the fill slopes had yet occurred, however, the mine was willing to return to the site and flag those areas needing additional work. The return visit will be on June 16, 2005 and will be attended by USFS, OGM, and the Permittee. After specific areas are flagged, a plan for each area will be drawn up indicating the work to be done at each location. Skyline personnel indicated that the best time for work in this canyon was July, before thunderstorms begin in August.