



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial: X Complete: Exploration:
 Inspection Date & Time: July 11, 1996, 9:30 am - 3:45 pm
 Date of Last Inspection: June 26 - 27, 1996

Mine Name: White Oak Mining and Construction Co. County: Carbon Permit Number: ACT/007/001
 Permittee and/or Operator's Name: Scofield Route, Helper, UT 84526
 Business Address: SAME
 Type of Mining Activity: Underground X Surface Prep. Plant Other
 State Officials(s): Ken Wyatt, Bob Davidson
 Company Official(s): John Walters, Maurice Turpin
 Federal Official(s): Liane Mattson, USFS
 Weather Conditions: Clear, warm
 Existing Acreage: Permitted- Disturbed- Regraded- Seeded- Bonded-
 Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
 Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

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 N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing 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, Division Orders, and amendments.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input 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. DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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4b. **SEDIMENT PONDS AND IMPOUNDMENTS**

Notice of Violation N96-7-1-1 was issued on March 27, 1996, for a leak in sediment pond 003's embankment. Wet conditions have slowed the repair process. White Oak was granted an administrative delay for the wet conditions until August 10, 1996. This should allow time for the pond to dry adequately to allow heavy equipment access into the pond for repair work. Following repair, White Oak will survey the pond and develop a new as-built design for the repaired pond for inclusion in the permit.

4d. **HYDROLOGIC BALANCE: WATER MONITORING**

Hansen, Allen & Luce (HAL) conducts water monitoring and subsidence surveys for White Oak. Mr. David Hansen was present during this inspection to accompany personnel to specific locations. Spring SP24-12 has been reported dry since about 1989. It is located along a fault line associated with the Connelville fault. Examination of the site revealed that the spring continues to issue from a wet area along the south Fork of Eccles Creek. It appeared as though water had discharged from this wet area this spring but not in the original location where samples had previously been collected. Several wet areas were observed seeping water.

The Connelville Fault has a 300 foot displacement in this area. White Oak had mined approximately 1300 feet to the east of the fault. To the west, Coastal States developed long wall entries in the upper O'Conner seam near this spring in 1989 and 1990. No subsidence would be expected from entry development but long wall mining may have affected the local groundwater gradient in the area. At this time it is not considered a major concern as no water rights were associated with this seep and the general area still discharges water through multiple dispersed seeps.

6. **DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES**

NOV 96-7-3-1 was issued to White Oak in June 1996 for improper management of the spoil area. Some work had been done to drain impounded water from the surface of the spoil pile. Discussion of work to be done included the installation of a sub drain system, realignment of the existing road and ditches and installation of a small sediment trap. White Oak will be submitting an amendment to address these changes.

14. **SUBSIDENCE CONTROL**

The 1995 subsidence survey was conducted on September 6 and 7, 1995. The 1995 annual report stated: "Little overall change was found between the 1994 and 1995 subsidence surveys except for some additional weathering of the subsidence features and a few extensions of cracks at localized areas. One new feature is an extension crack 3 feet deep, 2 - 5 feet wide and 100 yards long.

Mr Hansen of HAL provided a tour of White Oak's subsidence areas. Numerous cracks and other features were examined. Near the bottom of the canyon above the coal stockpile area is an area of numerous sinkholes. According Mr. Hansen and White Oak, a substantial roof collapse occurred several years ago which resulted in the formation of several large sink holes. Multiple fractures were observed higher up the canyon near the ridge line. Some of these were several feet deep and wide. Some natural healing had occurred from weathering of the fracture scarp.

16b. **ROADS: DRAINAGE CONTROLS**

Notice of Violation N96-7-2-3 #3 of 3 was issued on May 3, 1996 for failure to maintain drainage controls as described in the approved plan to minimize erosion to the extent possible. This included the haul road down slopes where snow removal activity had scraped away the berm causing water to bypass the road culverts thereby eroding the down slope and below culvert C-23-24.

White Oak had filled most of the down slope erosion. White Oak was reminded that they would need to analyze the topsoil material which they had purchased and stockpiled for final application. The seed mix to

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revegetate the down slope was already purchased. This NOV was extended until 5:00 pm Friday, August 2, 1996 to allow time for a topsoil analysis and then application of topsoil, seed and erosion control matting.

Copy of this Report:

Mailed to: Mark Wayment, (White Oak) James Fulton, (OSM)
Given to: Joe Helfrich, (DOG M) Filed To: Price Field Office

Inspector's Signature: Ken Wyatt Date: August 14, 1996