



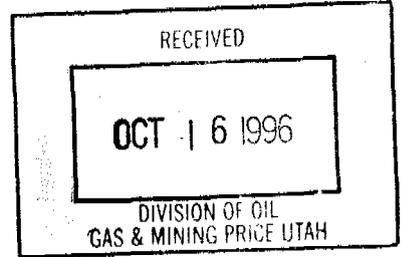
State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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mine file PA JH



INSPECTION REPORT

Partial: Complete: Exploration:
Inspection Date & Time: 6/3, 6/18, 1996
Date of Last Inspection: _____

Mine Name: Hidden Valley County: Emery Permit Number: ACT/015/007

Permittee and/or Operator's Name: Consolidated Coal Co.

Business Address: P.O. Box 566, Sesser, Illinois 62884

Type of Mining Activity: Underground Surface Prep. Plant Other

State Officials(s): Susan White

Company Official(s): _____

Federal Official(s): _____

Weather Conditions: _____

Existing Acreage: Permitted-950 Disturbed-7 Regraded-7 Seeded-7 Bonded-7

Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___

Status: Exploration/___ 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

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - 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.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/007

DATE OF INSPECTION: June 1995

(Comments are Numbered to Correspond with Topics Listed Above)

13. REVEGETATION

A vegetation inventory was conducted on this site for the third consecutive year. Total living cover was estimated by ocular methods using a four meter square quadrat. The site was stratified into 7 areas and random samples were taken from those areas. A total of 135 samples were taken on the disturbed area and 59 samples taken on the reference area. No significant difference was found in the perennial cover of the reference area in 1994, 1995 or 1996. No significant difference was found between the seeded area perennial vegetative cover in 1994, 1995 or 1996. A significant difference was found between the 1994, 1995, and 1996 seeded area perennial vegetation and the 1994, 1995, 1996 reference area perennial vegetation. The values are listed below.

	<u>Mean total perennial Cover (%)</u>	<u>Median perennial Cover (%)</u>
Reference Area (1994)	16.3	14.5
Reference Area (1995)	15.5	16.0
Reference Area (1996)	19.1	15.0
Disturbed Seeded Area (1994)	7.1	3.0
Disturbed Seeded Area (1995)	7.0	1.0
Disturbed Seeded Area (1996)	7.0	3.0

Total cover for the seeded area in 1994 was 12.5%, in 1995, 22.7%, and in 1996 it was 7.0%. Essentially there was no annual vegetation this year due to lack of moisture. Although the reference area had an increase in cover this year the increase was not statistically different from the other years.

Attached are box and whisker plots which illustrate the distribution of the perennial cover for 1994, 1995, and 1996 on the disturbed area. The box area represents where 50 percent of the cover values lay.

Copy of this Report:

Mailed to: OSM, Tim Kirschbaum(Consolidated Coal), Bill Malencik (PFO)

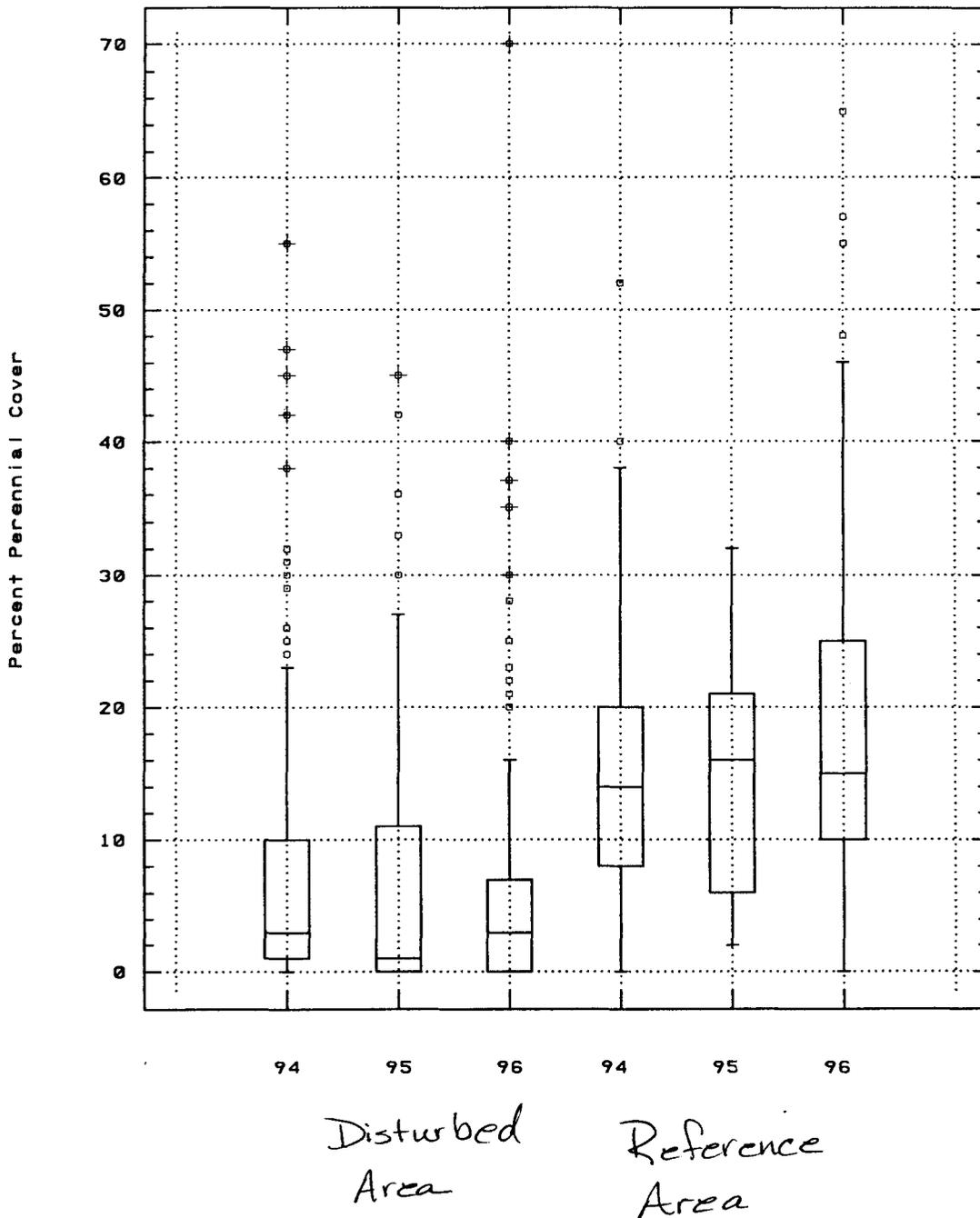
Given to: Joe Helfrich (DOGM)

Inspector's Signature:

Susan M. White

#35 Date: 9/13/96

Perennial Cover on the Reference and Disturbed Area in 1994, 1995, and 1996



Center line of box reps the median cover