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Inspection Report



The State of Utah
Department of
Natural Resources
Division of
Oil, Gas & Mining

OLENE S. WALKER
Governor
GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Priscilla Burton Environmental Scientist III
Company	Ian McClain Associate Engineer
Company	Karla Knoop Consultant

Permit Number:	C0150015
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, May 18, 2010
Start Date/Time:	5/18/2010 1:30:00 PM
End Date/Time:	5/18/2010 4:30:00 PM
Last Inspection:	Thursday, May 06, 2010

Inspector: Priscilla Burton, Environmental Scientist III
Weather: overcast, windy, raindrops
InspectionID Report Number: 2363
Accepted by: jheffric
6/21/2010

ROBERT L. MORGAN
Executive Director
LOWELL P. BRAXTON
Division Director

Permitee: **CONSOLIDATION COAL CO**
Operator: **CONSOLIDATION COAL CO SESSER OPERATIONS**
Site: **EMERY DEEP MINE**
Address: **PO BOX 566, SESSER IL 62884**
County: **EMERY**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **ACTIVE**

Current Acreages

442.50	Total Permitted
248.50	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:

Evaluated coal fine deposition on established plots with Karla Knoop, Consultant. Karla and I noted that a silty accumulation of coal fines has mixed in with the soil and changed the surface color from light brown to grey. This surface mixture of soil and coal approximately 1/4 inch thick has formed a surface crust. The original soil color can be seen below this crust.

Inspector's Signature:

Priscilla Burton, Environmental Scientist III
Inspector ID Number: 37

Date

Wednesday, May 19, 2010

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

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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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: 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 Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: 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	<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 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

Cryptogams transplanted to the 4th east portal topsoil stockpile have disappeared from transplant location marked by pin flags, but a good stand of grass and grass litter has taken their place. Mine equipment and debris is being placed alongside the topsoil pile berm. Permittee is reminded that this berm is also made of topsoil.

9. Protection of Fish, Wildlife and Related Environmental Issues

Wind fence is torn in several locations and should be repaired. Dozer was working the pile. No water applied to pile or transfer points during the inspection. Seven of the nine sites noted on page X-C 5h were located and evaluated. Two of the sites had been destroyed by the installation of a new power pole. According to the GIS location of the sites done in 2009, the destroyed sites were 2A and 3A. However, comparison of the history of cryptogams at the sites from 2004 to 2010 creates questions of accuracy in labeling. In any case, the general trend at all sites was that a silty accumulation of coal fines has mixed in with the soil and changed the surface color from light brown to grey. This surface mixture of soil and coal approximately 1/4 inch thick has formed a surface crust. The original soil color can be seen below this crust. Notes from the other sites will be found in the 2010 annual report. An abbreviated version is attached to this inspection report.

*Inspection Report #2363
May 18, 2010*

SITE #	%BARE SOIL	% COAL FINE/SOIL MIX	Undisturbed Soil Color	Coal Soil Mix Color
1A	95%	95%	10 YR 6/3	10 YR/6/1
1B	77%	58%	10 YR 6/3	10 YR5.5/1
1C	36%	14%	10 YR 6/3	10 YR 5/3
2A (stake gone)	missing	missing	missing	missing
2B	65%	33%	10 YR 6/3	10 YR 5/1
2C	38%	38%	10 YR 6/4	10 YR 6/1
3A (stake gone)	missing	missing	missing	missing
3B	80%	10%	10 YR 6/3	10 YR 5/1
3C	90%	45%	10 YR 6/3	10 YR 6/2