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The State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:
OGM Priscilla Burton

Inspection Report

Permit Number:	C0070001
Inspection Type:	COMPLETE
Inspection Date:	Monday, November 15, 2010
Start Date/Time:	11/15/2010 12:00:00 PM
End Date/Time:	11/17/2010 1:00:00 PM
Last Inspection:	Friday, October 22, 2010

Inspector: Priscilla Burton

Weather: snow (white out)

InspectionID Report Number: 2563

Accepted by: jhelfric
12/1/2010

Permittee: **LODESTAR ENERGY INC**

Operator:

Site: **WHITE OAK MINE**

Address: ,

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

Current Acreages

3,906.00	Total Permitted
151.10	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:

Innovative Excavation was removing equipment from site. Discussed interim erosion control measures and final seeding to be accomplished in 2010 with John Lee, Skyline Reclamation; and Kent Fawcett and Brandon Blanchard, Innovative Excavation.. Loadout and mine site both inaccessible to vehicles due to snow.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date

Monday, November 22, 2010

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.a Hydrologic Balance: Diversions

Loadout culvert C-14-42 flow remains the same and the subsidence over the culvert remains unchanged.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Recent work in Mud Creek has fenced access on either side of Mud Creek just below the sediment pond.

4.c Hydrologic Balance: Other Sediment Control Measures

Excelsior logs have been placed around the remaining biosolid stockpiles. Straw bales have been removed from the stream channels to allow flow. An "eyebrow" was dug above the subsidence hole to direct flow to the side channel. Straw bales causing erosion from the side channel (at its confluence with Terrace A) were removed and the gully was filled with straw .

4.d Hydrologic Balance: Water Monitoring

A report on water sampling conducted in July and August 2010 at both the loadout and the mine site has been sent to the White Oak Internal file, see folder named 11222010.pdf.

6. Disposal of Excess Spoil, Fills, Benches

Excess spoil was seeded with Triticale on November 17, 2010. The contractor will return to the site and grade this material next summer.

8. Noncoal Waste

Trash left by earlier reclamation, located in the temporary biosolids staging area, will be removed next summer.

12. Backfilling And Grading

Road R3 was reclaimed (see Contract AR11035 Appendix C Map WO-8). Roads R1 and R2 have been left for access next year to finish grading in the stream channel and complete the biosolids application.

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13. Revegetation

Four acres of the steepest slopes were treated with 1 ton/ac hay, 800 lbs/ac Biosol and 1500 lbs/ac wood fiber mulch and hydroseeded with the final mix on November 6, 2010. The Biosol plugged the hydroseeder and the the job was not finished before the snow falls of November 8 - 17.. The paved access road was plowed by Innovative Excavation on November 15, 2010. On November 17, Skyline Reclamation hauled seed to the terraces via snowmobile and approximately 8 acres on the south facing slope between Terrace A and up to and including Terrace C were hand seeded with the final mix. There was approximately one foot off snow on the slope.. More snow fell after seeding and the seed is covered. Skyline Reclamation applied Triticale seed only to the stream channel and areas below Terrace A that did not yet have straw applied and that will be reworked next summer.. Wood straw was received too late to be applied before the snow fall.

14. Subsidence Control

The large subsidence hole was filled, but approximately 45 cu yds of overfill remain to be placed. The two smaller subsidence holes will be filled in the spring.