



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 Environmental Scientist III
OGM	Gregg Galecki Environmental Scientist III

Inspection Report

Permit Number:	C0070001
Inspection Type:	TECHNICAL
Inspection Date:	Wednesday, August 11, 2004
Start Date/Time:	8/11/2004 1:30:00 PM
End Date/Time:	8/11/2004 3:00:00 PM
Last Inspection:	

Inspector: Jerriann Ernstsén, Environmental Scientist II

Weather: Sunny and about 85 degree F

InspectionID Report Number: 360

Accepted by: whedberg
 9/10/2004

Permitee: **LODESTAR ENERGY INC**
 Operator: **LODESTAR ENERGY INC**
 Site: **WHITE OAK MINE**
 Address: **HC 35 BOX 370, HELPER UT 84526**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

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:

This technical report was jointly written by DOGM staff. DOGM staff observed the progress of reclamation at the White Oak Loadout. Discussed reclamation and soil handling plans with Phil Gordon of Whiskey Creek Mining Services.

Areas previously seeded are well vegetated, but many of the representative species are weedy (except rabbitbrush). The seed bank in the topsoil pile may be problematic for the Division in the future.

Inspector's Signature

Jerriann Ernstsén
 Jerriann Ernstsén, Environmental Scientist II

Date

Thursday, August 12, 2004

Inspector ID Number: 52

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 telephone (801) 538-5340 facsimile (801) 359-3940 TTY (801) 538-7223 www.ogm.utah.gov

Utah!
Where ideas connect™

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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" 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.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

The substitute topsoil for the site is the outslope of the operations pad and the sediment pond. The substitute topsoil is well vegetated, but has undesirable species such as thistle in large percentage. Mr. Gordon indicated that it is Whiskey Creek Mining Services intention to remove the surface coal off the topsoil before placing the material on the regraded site. This will be accomplished by using the access road on the top of the substitute topsoil pile.

4.a Hydrologic Balance: Diversions

While conducting reclamation of the site east of the railroad tracks, a buried 8-inch culvert transporting approximately 5-10 gpm to a 3-ft culvert was breached. The unearthing of the 3-ft culvert modified the design of an undisturbed channel located east of the railroad tracks. The undisturbed channel will be directed to the 3-ft culvert that eventually discharges directly to the creek north of the sedimentation pond located adjacent to the highway. Apparently the grade of the 3-ft culvert is below the designed reclaimed slopes and will remain in place after reclamation.

The 8-inch culvert, transporting approximately 5-10 gpm had apparently moderate amounts of dissolved Iron in the water based on the iron-staining noted in the pool of water where the line was breached. However, observations of the water where it reported to the creek, via the 3-ft culvert, indicated the water was not carrying excessive amount of Fe. Apparently the water has enough exposure to air in the 3-ft culvert to have any excess Fe precipitate out of the water prior to entering the creek. The contractor was instructed to re-establish the 8-inch culvert to report to the 3-ft culvert and continue to report directly to the creek.

13. Revegetation

The loadout facilities area is mostly cleared of all operations equipment and structures. They are recontouring the site and will probably seed this fall. They will use the seed that was mistakenly ordered by Ledcor last fall. The area seeded years ago below the tracks and above the old road has very large rabbitbrush, rose, stinging nettle, and whitetop. Other species include musk thistle, clover, alfalfa, yarrow, and annual rye. The area north of the existing drive way was seeded two years ago and is mostly well vegetated except some patches. Species noted include all the species by the railroad (but not rose) especially rabbitbrush, fireweed (very few), and sagebrush (very small). The topsoil storage area along the road is also well vegetated, but very weedy. The potential seed bank of many of these weeds (halogeton, dock, whitetop, and musk thistle) could be problematic for the Division once reclamation is completed.