



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
OGM	Ingrid Campbell

Inspection Report

Permit Number:	C0070001
Inspection Type:	COMPLETE
Inspection Date:	Thursday, September 09, 2010
Start Date/Time:	9/9/2010 11:00:00 AM
End Date/Time:	9/9/2010 3:00:00 PM
Last Inspection:	Monday, August 23, 2010

Inspector: Priscilla Burton

Weather: cloudy 50 F

InspectionID Report Number: 2491

Accepted by: jheltric

9/20/2010

Permitee: **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:

Gates unlocked to both loadout and mine site. R.R. personnel at loadout. Logger working near minesite. Ingrid Wieser evaluating vegetation at mine site. The analytical results of the sample taken from the reconstructed Whiskey Creek channel during a rainfall event on July 29, 2010 have been received from the Utah State Department of Health, Division of Laboratory Services.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date Thursday, September 09, 2010

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

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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, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 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.c Hydrologic Balance: Other Sediment Control Measures

Pond 004 photos DSCN0429 and DSCN0430 taken on 6/7/2005 illustrate the former location and size of this pond.

Log retainers such as those proposed for the Whiskey Creek channel have been installed in Mud Creek just north of Scofield. These log structures were photographed and are in the White Oak Images 09092010 folder.

4.d Hydrologic Balance: Water Monitoring

The analytical results of the sample taken from the reconstructed Whiskey Creek channel during a rainfall event have been received from the Utah State Department of Health Division of Laboratory Services. The results were sent to the internal file and are summarized as follows: field pH = 8.24; field temperature = 14.1 C; Total Fe = 10.8 mg/l; Total P = 8.3 mg/l; TDS = 830 mg/l; TSS = 10,550 mg/l; nitrite and nitrate N = 0.648 mg/l; NH4 nitrogen = 0.059.mg/l.

Samples of spring water at both the loadout and the mine site were sampled on 8/26/2010.

9. Protection of Fish, Wildlife and Related Environmental Issues

Raptor with white underside and black tipped wings was noted and thought to be a rough-legged hawk. A burrow with large amounts of scat at the entrance was noted on the south slope about the location of proposed Terrace B and midway between the reconstructed channel and the end of the access road. The scat suggests bobcat or coyote.

10. Slides and Other Damage

No change.

13. Revegetation

Ingrid is conducting a vegetation survey of the entire mine site.

14. Subsidence Control

No Change.

UTAH STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORY SERVICES
Environmental Chemistry Analysis Report

RECEIVED
SEP 07 2010

DIV. OF OIL, GAS & MINING

DEPT OF NATURAL RESOURCES - OGM
ATTN; KEVIN LUNDMARK
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY UT 84114-1210

801-538-5352

Lab Number: 201003779 Sample Type: 04 Cost Code: 900B
Description: WC-1
Collector: KWC

Site ID: WT1177 Source No: 00 | Organic Review:
Sample Date: 07/29/2010 Time: 10:20 | Inorganic Review: 08/30/2010
Radiochemistry Review:
Microbiology Review:

TEST RESULTS:

Ammonia N	0.059 mg/l	NO2+NO3, N	0.648 mg/l
T-Iron	10.8 mg/l	T. Phos.	8.3 mg/l
T.Sus.Sol	10550.0 mg/l	IDS @ 180C	830 mg/l

QUALIFYING COMMENTS (*) on test results: NO COMMENTS

END OF REPORT