



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0070001
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, August 26, 2014
Start Date/Time:	8/26/2014 9:30:00 AM
End Date/Time:	8/29/2014 2:00:00 PM
Last Inspection:	Wednesday, July 09, 2014

Representatives Present During the Inspection:	
OGM	Priscilla Burton
OGM	Cheryl Parker

Inspector: Priscilla Burton,

Weather: partly cloudy

InspectionID Report Number: 3957

Accepted by: JHELFRIC
10/6/2014

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
8.00	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:

Inspected the site with Cheryl Parker, Division Engineer on 8/25/2014 and returned to the site on 8/29/2014 with Coal Program Manager, Daron Haddock and Hydrologist Amanda Daniels to observe the completed work and discuss future plans for the removal of the pad in Eccles Creek. For locations of channel reaches see map WO- 9 Reach Designation in Solicitation AR11035 Mine Reclamation White Oak Mine Site, August 16, 2010. For culvert and swale locations referred to in this report, see MRP map R645-301-521.150 White Oak Mine Haul Road Lower (2 of 4) and Upper (3 of 4) sections.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Digitally signed by Priscilla Burton
DN: cn=Priscilla Burton, o=ou,
email=priscillaburton@utah.gov, c=US
Date: 2014.10.10 15:26:17 -06'00'

Date Monday, September 08, 2014

Note: This inspection report is a public document. For more information, contact the Division of Oil, Gas and Mining, telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Civil penalty funds were awarded and will be used to remove the pad from Eccles Creek.

8. Noncoal Waste

With great effort, geotextile fabric was removed from the road outslopes at culvert locations. The fabric had long since become detached from the culverts and was no longer useful as an energy dissipator for water flows.

9. Protection of Fish, Wildlife and Related Environmental Issues

A large source of sediment now being carried into Eccles Creek is coming from erosion on logging roads at the confluence of Eccles and Whiskey Creek, unrelated to mining.

10. Slides and Other Damage

Big and little sink holes repaired in 2011 remain stable. No visible signs of movement around either of the sink holes.

12. Backfilling And Grading

Road reclamation backfilling and grading work was completed on Friday August 22. the work was done by Feller Enterprises of St. George. The asphalt milling was done by Coughlin Company, also of St. George. The milled asphalt was hauled away by Carbon County. See weekly progress reports from July 16 - August 22, 2014 for more details.

13. Revegetation

Sprigs of triticale were noted emerging from the recently seeded, reclaimed road.

16.a Roads: Construction, Maintenance, Surfacing

Asphalt surface was removed and the access road was reclaimed to an ATV trail. Culverts were removed and swales were constructed in their place, except in the location of the bowl. At the bowl, the culvert remains in place to handle constant spring flows and a swale was constructed in the event flows exceed culvert capacity.

16.b Roads: Drainage Controls

Swales were constructed at five locations along the road, corresponding to the former locations of gutters and buried culverts. Drainage from all swales follow the original course of the water on the outslope of the road. The outslope has been eroded to varying degrees by the flow.

18. Support Facilities, Utility Installations

A pad with well bore and single power pole remains on Hammond property on the east facing slope in near Reach 4 of the reclaimed Whiskey Creek stream channel. There is no service to the power pole.

22. Other

The gate at the bottom of the reclaimed road was positioned so that the two sides meet and can be locked. The landowners were notified that a lock should be replaced on the gate. The Division no longer has a key to the lock on this gate..



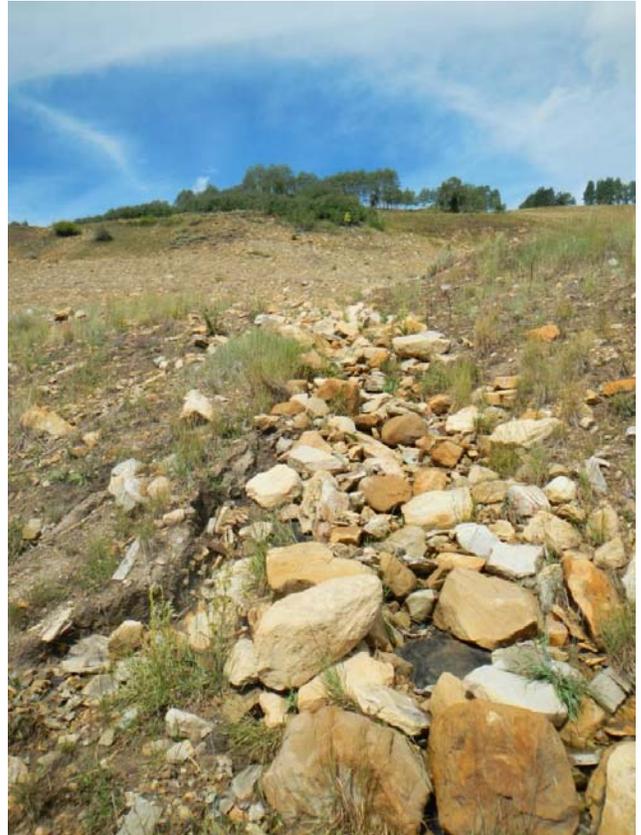
Reclaimed Reach 4.



Reclaimed
Reach 3.



Reach 2 erosion.



Confluence of side channel and Reach 1.



Reach 1.



Terrace A pocked and seeded.



West facing slope



Reclaimed large sinkhole left of center is stable.