



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:	PARTIAL
Inspection Date:	Tuesday, April 29, 2014
Start Date/Time:	4/29/2014 10:30:00 AM
End Date/Time:	4/29/2014 12:30:00 PM
Last Inspection:	Thursday, February 27, 2014

Representatives Present During the Inspection:
OGM Priscilla Burton

Inspector: Priscilla Burton,

Weather: sun, cold wind, 35 F

InspectionID Report Number: 3825

Accepted by: jhelfric

4/29/2014

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
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:

Snow has melted from the pad above the culvert in Eccles Creek.. Measurements of the pad were taken for reclamation of the pad and removal of the culvert. The gate is locked to the mine site and there is approximately 6 -12 inches of snow on the access road. The gate was open to the loadout. Snow has all melted at the loadout. Water fills the pocked soil and the pond.

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: 2014.05.02 10:35:12 -06'00'

Date

Tuesday, April 29, 2014



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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

Vegetation supporting material at the Loadout is covered with RR ballast on the east side.

4.a Hydrologic Balance: Diversions

Water is ponding in the ditch east of the RR track at culvert C-1-32. The location of this culvert is shown on Dwg R645-301-527.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Pond 001A at the Loadout is holding water and was photographed. The location of this pond is shown on Dwg R645-301-527.

4.c Hydrologic Balance: Other Sediment Control Measures

Gouges in soil are holding water at the loadout.

4.e Hydrologic Balance: Effluent Limitations

Flow from Whiskey Creek into Eccles Creek was not noticeable.

12. Backfilling And Grading

The scope of work for asphalt removal and road reclamation in 2014 is being reviewed by landowners at this time.

13. Revegetation

Desireable vegetation is growing at the loadout in the vicinity of C-14-42 repair which was seeded in 2011. The location of this culvert is shown on Dwg R645-301-527 Sheet 2. No rills or erosion were noted on any of the slopes.

Rabbit brush and a bunch type wheatgrass dominate the slopes seeded in 2004 at the loadout. The revegetation mix is found in Appendix A of the 2004 AMR/007/934 Contract Specifications. Grasses seeded were Bluebunch wheatgrass, Western wheatgrass, Slender wheatgrass (a bunch grass), Mountain brome, Canby bluegrass, and Kentucky bluegrass.

16.a Roads: Construction, Maintenance, Surfacing

The Division is evaluating options for removal of the pad over the culvert (C-21-48) in Eccles Creek in 2015. To facilitate this discussion, the pad was measured using a 200 ft. tape and by GPS area calculation. Both measurements were only approximate, since the pad is wider at the base than on the top surface. The area of the top surface of the pad averages about 7,000 sq ft. At its deepest, the fill is approximately 27- 30 ft deep, and averages 15 ft deep, which calculates to 4,000 cu yds of fill. These measurements agree with the MRP Appendix 527 which describes removal of 4,000 cu yds (Table 4-1) from the pad. A terrace design for the reclamation of the channel is shown in Figure 3-3 in Appendix 527.

16.b Roads: Drainage Controls

Snow covers the mine site access road. A rock dam at the end of the Eccles pad over C-21-48 on the inslope of the road, was constructed to contain the snow melt before it enters Eccles Creek.

Asphalt is eroded away beneath the cement barrier on the outslope of the road at the gate, creating a hazard.

At the Loadout, water is ponded in ditch D-98 (near the gate) on the inslope of the access road. The location of this ditch is shown on Dwg R645-301-527 Sheet 2.

22. Other

Questar's gas line runs near the pad. Questar must be contacted before digging. 1-800-300-2025.



Loadout Sediment Pond 001



Eccles pad over C-21-48.



Vegetation above Loadout culvert C-14-42



Eccles pad note Questar gas sign along road in the middle of pad.



Vegetation seeded in 2004 at the Loadout.

