

From: Priscilla Burton
To: Kirk Nicholes
CC: Helfrich, Joe; Steab, Suzanne
Date: 4/4/2011 4:04 PM
Subject: 025002, Internal, Technical Insp. Rpt. #2696
Attachments: Insp Rpt #2696.pdf

Hello Kirk,

My report of last week's technical site visit is attached. I went over the hydrology issues with April. She indicated that pumping water away from the dyke is the preferred approach.

Please update your plan with the soil sampling analysis as soon as they are available.

Thanks,
Priscilla.

Priscilla Burton, CPSSc
Division Oil Gas & Mining
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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

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Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Kirk Nicholes

Inspection Report

Permit Number:	C0250005
Inspection Type:	TECHNICAL
Inspection Date:	Tuesday, March 29, 2011
Start Date/Time:	3/29/2011 8:30:00 AM
End Date/Time:	3/29/2011 12:30:00 PM
Last Inspection:	Wednesday, March 23, 2011

Inspector: Priscilla Burton,

Weather: sun, 50 F

InspectionID Report Number: 2696

Accepted by: jhelfric
 4/4/2011

Permittee: **ALTON COAL DEVELOPMENT LLC**
 Operator: **ALTON COAL DEVELOPMENT LLC**
 Site: **COAL HOLLOW**
 Address: **463 North 100 West, Suite 1, CEDAR CITY UT 84720**
 County: **KANE**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

635.64	Total Permitted
435.00	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:

Discussed topsoil salvage operations and stockpile protection. Saturation of surface soils is delaying soil handling plans. Photos of the site are in the Images 03302011 folder.

Inspector's Signature:

Priscilla Burton

Priscilla Burton,

Inspector ID Number: 37

Date

Wednesday, March 30, 2011

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

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

1. Permits, Change, Transfer, Renewal, Sale

Topsoil and subsoil sampling and analysis conducted in 2010 is forthcoming and will be included in the MRP as an appendix to Chapter 2. The topsoil and subsoil sampling is an ongoing commitment as described in Sec.232.500.

3. Topsoil

Refer to Dwg 2-2 for topsoil and subsoil pile locations. Topsoil stockpile #1 is filled to capacity. Topsoil stockpile #2 holds approximately 73,000 cu yds. Topsoil stockpile #2 has the capacity to hold the remainder of the topsoil from north and south of Robinson Creek. Subsoil stockpile #1 is also half full. The seeding on all piles is delayed until the soils are dry enough to grade to 3:1 slopes. I encourage seeding in the next couple of weeks on Topsoil stockpiles #1 as well as the slopes of DD-3, and the completed portion of Topsoil stockpile #2 & Subsoil stockpile #1. Grubbed vegetation should be scattered on top of piles that will be in existence for the life of mine. Topsoil pile #3 has been scattered to allow it to dry so that it can be moved to its new location shown on Dwg 2-2. Subsoil to the north of Robinson Creek will be stored in place with erosion protection, until such time as the pit advances toward that location. Topsoil from pit 3 location will be pushed with a dozer and stored in windrows (with erosion protection) until such time as a truck/dozer operation hauls the soil to topsoil stockpile #2.

4.a Hydrologic Balance: Diversions

Water is flowing through the Robinson Creek diversion (several gallons a minute). The diversion outfall was completed at the end of February (see Dwg 5-3). The dyke that separates the existing creek bed from the diverted creek is impounding water. The water is approximately one foot below the top of the dyke. This water may be coming from the "area of bank seepage" shown on Dwg. 7-1. See photographs.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

All ponds are holding water. Ponds 2 and 3 are both approximately 1 foot below discharge pipe. See photos.

6. Disposal of Excess Spoil, Fills, Benches

Excess spoil stockpiled in excess spoil area needs to be graded to form a base layer, but surface soils are too saturated. See photos.

7. Coal Mine Waste, Refuse Piles, Impoundments

Unsuitable coal is piled within the pit (see photos).

8. Noncoal Waste

Site is clean as a whistle. No garbage anywhere.

12. Backfilling And Grading

Grading of excess spoil area for placement of Topsoil stockpile #3 is hampered by saturated soils. See photos.

16.a Roads: Construction, Maintenance, Surfacing

Scoria from excess spoil pile location has been used for road construction.

18. Support Facilities, Utility Installations

Coal is crushed and conveyed from a 10,000 ton ROM stockpile to three 1,000 ton crushed coal piles, ready for loading.

20. Air Quality Permit

Air quality monitors are located near the Robinson Creek diversion inlet. A second set of monitors are located to the NE of the permit area.