



**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:	<b>C0250005</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, November 16, 2016
Start Date/Time:	11/16/2016 10:30:00 AM
End Date/Time:	11/17/2016 1:30:00 PM
Last Inspection:	Wednesday, October 26, 2016

Inspector: Priscilla Burton,  
 Weather: sun, 60F  
 InspectionID Report Number: 5705  
 Accepted by: DHADDOCK  
 11/23/2016

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**

721.00	<b>Total Permitted</b>
394.00	<b>Total Disturbed</b>
144.50	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**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:**

A blast occurred in Pit B1 before the inspection. The first coal was being mined out of Pit B1 within the boundary of the former Excess Spoil Pile. Ditch B-1T-U has been surveyed in and we walked its length. Lower Robinson Creek Diversion has been reclaimed. Lower Robinson Creek is dammed with fill at the permit boundary. Removal of the fill is pending seeding this weekend. Refer to Dwg 5-3 for Ditch B-1T-U location.

The south of Pit 6 has been mined. Three haul trucks, a loader, the PC 2000 and two dozers were moving overburden from Pit 6 to Pit 5 and subsoil was being moved to the subsoil pile.

**Inspector's Signature: Priscilla Burton**

Priscilla Burton,  
 Inspector ID Number: 37

Digitally signed by Priscilla Burton  
 DN: cn=Priscilla Burton, o, ou,  
 email=priscillaburton@utah.gov, c=US  
 Date: 2016.11.28 11:08:39 -07'00'

**Date** Thursday, November 17, 2016



**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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**

Topsoil is distributed across the BRP1-10 area and Pit 3 in the North Lease. Topsoil at the excess spoil pile in the South Lease has not been moved. This pile will be moved to BRP1-1 while the weather is dry (ASAP). There is a small seep at the base of this topsoil pile. The location of the seep was marked with GPS.

Lower Robinson Creek diversion received a layer of subsoil from Subsoil Pile #2.

#### **4.a Hydrologic Balance: Diversions**

Diversion ditch B-1T-U was surveyed in. The survey locations were marked with GPS.

Lower Robinson Creek diversion has been reclaimed. The connection between undisturbed and reclaimed Lower Robinson Creek will be restored immediately after seeding the reclaimed diversion (scheduled for Saturday November 19, 2016). Water is currently ponded in the undisturbed Lower Robinson Creek outside the permit boundary. Ties on the one ton straw bales will be cut and the bales will be scattered at the transition zone prior to allowing water to flow into the reclaimed channel. The Stream Alteration Completion Report will be filed.

#### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Dan Guy was inspecting ponds. Pond 3 was low and the pit 10 pipes were visible. Their locations were marked with GPS.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

Sediment control needs to be installed on the reclaimed Lower Robinson Creek diversion slope.

### **5. Explosives**

A blast was conducted in the North Lease last week. A blast was conducted in Pit B1 excess spoil pile location before the inspection on 11/16/2016.

### **7. Coal Mine Waste, Refuse Piles, Impoundments**

Burned coal in the center of Pit B1 within the excess spoil pile limits the coal recovery.

### **9. Protection of Fish, Wildlife and Related Environmental Issues**

Two hawks (red tails?) were observed circling around the North Lease area.

### **11. Contemporaneous Reclamation**

The reclaimed Lower Robinson Creek diversion is scheduled for seeding this Saturday 11/19/2016. Subsoil Pile #2 also requires seeding. The disturbed portion of Topsoil pile #2 also requires seeding.

**12. Backfilling And Grading**

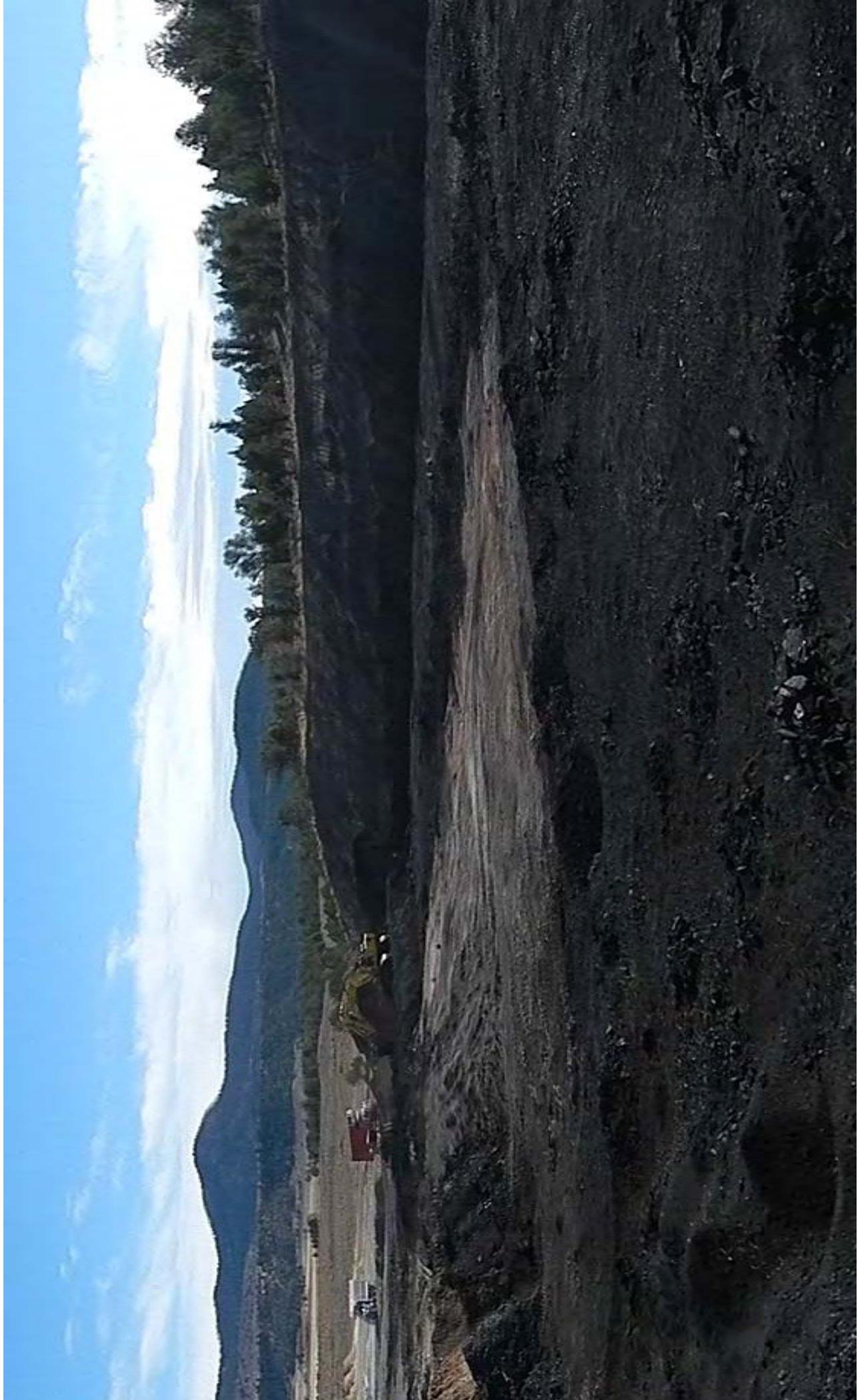
Overburden from Pit 6 was being moved to Pit 5. Subsoil was being hauled to the subsoil pile. The distinction between the two was impossible to see by an observer.

**16.b Roads: Drainage Controls**

Drainage ditches along primary haul road to Pit B1 were groomed and the haul road was completed with road base, in accordance with the Rules but beyond the requirement of the MRP. Thank you.

**22. Other**

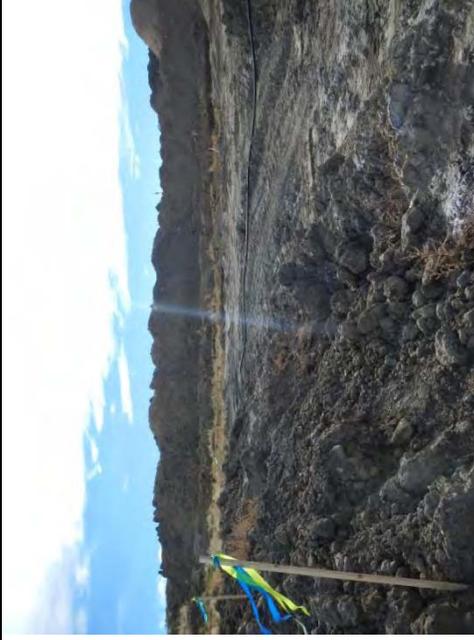
Big Horn Archaeological will be on site next week during topsoil salvage from the Pit B1 extended area (10 acres west of the excess spoil pile).



**ATTACHMENT A – Photos**



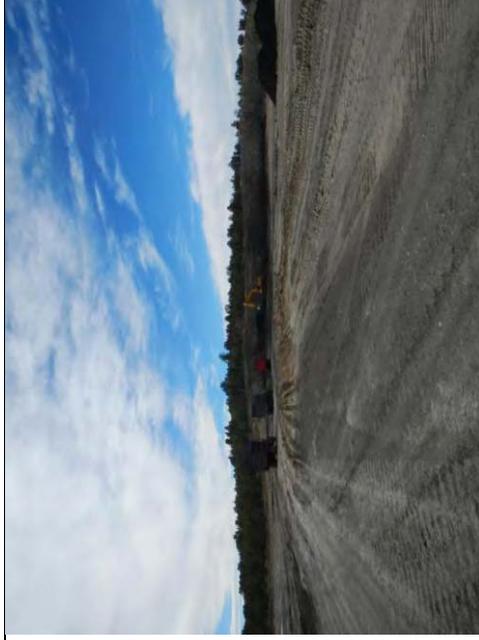
**PHOTO 1** Pit 10 pipes and pond 3



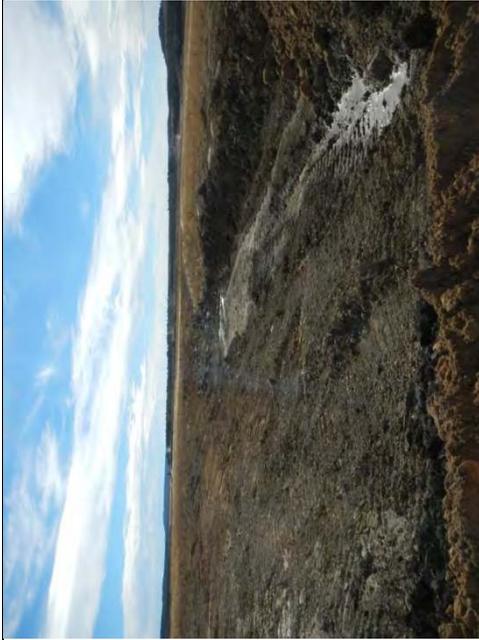
**PHOTO 2** Survey flags locate D-B-1T-U location. Remaining excess spoil topsoil pile in distance.



**PHOTO 3** Pit B1 10 acre additional area to be mined.



**PHOTO 4** Coal trucks line up on primary road to haul the first coal out of Pit B1.

<p><b>ATTACHMENT A – Photos continued</b></p>	
	<p><b>PHOTO 5</b> Temporary diversion fill and reclaimed Lower Robinson Creek.</p>
	<p><b>PHOTO 6</b> Lower Robinson Creek downstream of permit boundary and temporary diversion fill in foreground.</p>
	<p><b>PHOTO 7</b> Surface of reclaimed temporary diversion.</p>
	<p><b>PHOTO 8</b> Upper end of reclaimed Lower Robinson Creek within the permit area.</p>

**ATTACHMENT A – Photos continued**



**PHOTO 9**

Composite blooming on Area 1 realigned County Road berm.



**PHOTO 10**

Small burnett 'volunteer' on clay soils of realigned Co Rd. berm.



**PHOTO 11**

Three haul trucks are moving spoil from Pit 6.



**PHOTO 12**

Topsoil stockpiled on North Lease Pits 1, 2, 3.

N

11/16/2016

146  
18,19 20,21

15  
10,13,12,16  
11,14,17

7,8

6

5

4

3

2

HIGHWALL

Pit B1

Bgin DB1TU

Realigned County Road

457 ft

1999

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Google earth

Imagery Date: 6/2/2014 37°23'45.12"N 112°27'51.94"W elev 6864 ft eye alt 8745 ft