



# 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:	C0250005
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, March 12, 2013
Start Date/Time:	3/12/2013 9:30:00 AM
End Date/Time:	3/12/2013 12:30:00 PM
Last Inspection:	Wednesday, February 20, 2013

Representatives Present During the Inspection:	
Company	Kirk Nicholes
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 41 Deg. F.

InspectionID Report Number: 3415

Accepted by: jhelfric

3/23/2013

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	<b>Total Permitted</b>
289.00	<b>Total Disturbed</b>
	<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:

Items needing attention identified on a prior inspection (03/04/2013) by Steve Christensen and Ken Hoffman with the Division of oil, Gas and Mining were evaluated during this partial inspection.

Mining in Pit #8 was occurring during the Division inspection. Overburden material from Pit #8 was being live hauled into Pit #6. Pit #7 has been backfilled.

*Karl R. Houskeeper*

Inspector's Signature:

Date Thursday, March 14, 2013

Karl Houskeeper,  
Inspector ID Number: 49



**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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **3. Topsoil**

Topsoil pile #4 stabilization long term and/or short term was discussed during the inspection. The operator is aware of the commitment. More material was added to this pile within the last three months. The operator plans to address this concern.

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

Sections of diversion #4 that are not constructed to the approved design in the (MRP) Mining and Reclamation Plan have been identified during the Division inspection of March 4, 2013. The operator is aware of the needed changes. The Division gave ninety days to bring the diversion into compliance with the approved MRP (June 3, 2012). This item still needs to be addressed. The entire mine site is muddy from a recent storm that placed approximately 3" to 4" of snow on the ground. Efforts to make the repairs at the present time would cause unnecessary damage.

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

The 10 year 24 hour sticker/marker located on a pole in pond #2 was identified as needing replacement in the Division inspection of March 4, 2013. Water levels within Pond #2 prohibit the replacement of this marker. The water within Pond #2 is periodically pumped and used for dust suppression. The operator is aware of this commitment and plans to replace this marker when the water level is dropped to a point that provides access.

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

The silt fencing by Pond 1b, North of Ditch #4, Northwest of Pond #3 and the Straw bales near the end of Robinson Creek Diversion were discussed. Conditions (wet/muddy) have not allowed access or work to these areas. These repairs were identified during the Division inspection of March 4, 2013. The Division has given ninety days (June 3, 2013) to complete these repairs.

#### **16.b Roads: Drainage Controls**

The sediment pile identified upgradient of the culvert inlet into Pond #1B during the Division inspection of March 4, 2013 has been removed. The material was removed on the afternoon of March 4, 2013.



Sediment Pond #1



Sediment Pond #1B



Sediment Pond #2



Pit #8 Mining



Pit #8 Mining