



# 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:	COMPLETE OVERSITE
Inspection Date:	Thursday, June 12, 2014
Start Date/Time:	6/12/2014 8:30:00 AM
End Date/Time:	6/12/2014 2:45:00 PM
Last Inspection:	Tuesday, May 06, 2014

Representatives Present During the Inspection:	
OGM	Karl Houskeeper
OGM	Steve Christensen
OGM	Amanda Daniels
Company	Kirk Nicholes
OSM	Flynn Dickinson
OSM	Roberta Martinez-Hernandez

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 68 Deg. F.

InspectionID Report Number: 3872

Accepted by: JHELFRIC

6/23/2014

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>
329.00	<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:

Pit #6 is completely backfilled. Kirk Nichols indicated that the pit was completely filled on June 3, 2014. The last extension on NOV 10135 issued by Division Director John Baza was June 16, 2014. The violation can now be terminated.

Three items of concern and future follow up were identified: 1) The inlet to Pond 1 is showing signs of erosion/cutting. Kirk Nichols indicated that maintenance would be conducted and the inlet potentially rip rapped/armored. If the approved MRP does not contain a rip-rap detail for Pond 1, a revision to the MRP (as-built) will be required. 2) The culvert that runs under the main haul road in ditch 2 needs to be cleaned. 3) The diversion ditch to Pond 3 requires maintenance. OSM personnel noted that a 2:1 slope in the channel was not evident in sections of the diversion and needed to be maintained. OSM personnel also noted a convex deposition of sediment in the channel that needed to be removed. Subsequent DOGM inspections will verify that the work/maintenance has been conducted.

*Karl R. Houskeeper*

Inspector's Signature:

Date: Monday, June 16, 2014

Karl Houskeeper,

Inspector ID Number: 49

Note: This inspection report does not constitute an official statement 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The current DOGM permit C/025/0005 was issued effective 11/08/2010 and expires 11/08/2015.

-Certificate of Insurance policy number AMGL005685, issued 12/10/2013 and terminates 12/10/2014.

-UPDES permit # UT0025992 effective 08/01/2013 and expires @ midnight 07/31/2018.

-Air Quality permit DAQE-AN0140470-02-10, issued November 10, 2010.

-SPCC Plan dated 05/04/2011. The Plan is P.E. certified, stamped, signed and dated by a Utah P.E.

## **2. Signs and Markers**

The mine identification sign was checked. The signs are located at the entrances into the mining permit area from public access. The signs are compliant.

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

The culvert that directs flow under the mine haul road leading to Pond #2 needs maintenance. The sediment level is nearing the half capacity level.

OSM expressed concerns on portions of the side slope of the diversion leading into pond #3. No measurements were taken. The side slopes should be at a two to one.

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

Pictures of all the sediment ponds was taken during the inspection. Pond #2 is dry the other ponds 1, 1B, 3 and 4 contained water.

First Quarter 2014 pond inspections were done on 03/26/2014. The reports include the elevation of the existing sediment level. All existing sediment elevations were found below the 60% sediment elevation for each pond.

Work is needed on the East inlet into pond #1.

## **6. Disposal of Excess Spoil, Fills, Benches**

The excess spoil pile was inspected for the First Quarter 2014 on 03/26/2014. The report is P.E. dated signed and certified stamped.

## **20. Air Quality Permit**

DAQEAN0140470002-10 ISSUED November 10, 2010.

## **21. Bonding and Insurance**

Bond #1057708, October 22, 2010, for \$6,045,000.00.



Sediment Pond #1



Sediment Pond #1



Sediment Pond #1B



Backfilled Pit #6



Backfilled Pit #6



Sediment Pond #2



Sediment Pond #2



Sediment Pond #3



North Side Excess Spoil Pile



North Side Excess Spoil Pile



North Side Excess Spoil Pile



Sediment Pond #4



Pit #22



Pit #22



Pit #9, High Wall Miner