

Outgoing  
0070019  
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## Suzanne Steab - June 2011 Inspection Reports

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**From:** Karl Houskeeper  
**To:** dshaver@coalsource.com  
**Date:** 7/11/2011 3:31 PM  
**Subject:** June 2011 Inspection Reports  
**CC:** ANGELANANCE@utah.gov; DARONHADDOCK@utah.gov; SUZANNESTEAB@utah.gov  
**Attachments:** Crandall June 2011.pdf; Centennial June 2011.pdf

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Dave,

Attached are the June 2011 inspection reports for Crandall and Centennial.

Thanks,  
Karl



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# 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:	C0070019
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, June 28, 2011
Start Date/Time:	6/28/2011 12:00:00 PM
End Date/Time:	6/28/2011 4:15:00 PM
Last Inspection:	Wednesday, May 04, 2011

Inspector: Karl Houskeeper

Weather: Clear/Windy, Temperature 89 Deg. F.

InspectionID Report Number: 2789

Accepted by: jhelfric

7/11/2011

Representatives Present During the Inspection:	
Company	Dave Shaver
OGM	Karl Houskeeper
OSM	Christy Hulsman

Permitee: **ANDALEX RESOURCES INC**  
 Operator: **ANDALEX RESOURCES INC**  
 Site: **CENTENNIAL MINE**  
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

### Current Acreages

6,528.83	Total Permitted
47.19	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:

The State done a Complete Inspection. OSM classified their portion of the inspection as a Partial Oversight Inspection.

Inspector's Signature:

Date

Tuesday, June 28, 2011

Karl Houskeeper,

Inspector ID Number: 49

Note: This inspection report was conducted in accordance 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



Permit Number: C0070019  
 Inspection Type: COMPLETE  
 Inspection Date: Tuesday, June 28, 2011

**Inspection Continuation Sheet**

**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, Division 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 checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 was issued effective 01/04/2007 and expires on 01/05/2012.

- Certificate of Insurance issued 06/01/2011 and terminates 06/01/2012.
- Reclamation agreement dated and signed February 1990 (amended January 2001).
- UPDES permit UT0025674 effective 12/01/2006 and expires midnight 11/30/2011.
- Air Quality permit DAQE-997-96, issued October 25, 1996.
- SPCC Plan dated 11/2/2009.

**2. Signs and Markers**

The mine permit ID signs are located at the contact points of public access to the permit area.

The topsoil pile sign located on top of topsoil pile #F had slid down the pole. The sign was raised back to the top of the pole during the inspection. The sign needs to be secured better to prevent it from coming loose.

**4.a Hydrologic Balance: Diversions**

The main undisturbed diversion outlet is half full of sediment the outlet is located downstream of sediment pond #E embankment. The outlet needs to be cleaned.

The disturbed culvert that crosses under the county road at he Aberdeen truck load out needs to have a metal plate placed on top of an area of culvert that was cut out to clean the culvert. The metal plate will prevent sluffage from the adjacent hillside from entering the culvert and plugging it.

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

Checked sediment ponds B, C and E.

**4.e Hydrologic Balance: Effluent Limitations**

Reviewed the May 2011 discharge reports. No discharges took place in May 2011.

**20. Air Quality Permit**

The air quality permit DAQE-997-96 referenced above was issued on October 25, 1996 and remains in effect.