



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:	PARTIAL
Inspection Date:	Monday, September 10, 2012
Start Date/Time:	9/10/2012 8:30:00 AM
End Date/Time:	9/17/2012 10:00:00 AM
Last Inspection:	Monday, August 13, 2012

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 70 Deg. F.

InspectionID Report Number: 3228

Accepted by: jhelfric

10/1/2012

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

6,516.91	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:

9/10/2012

Checked in at the main office located at the West Ridge Mine. JD Leonard was in, but not available to go to Centennial. Conducted the partial inspection unattended..

9/17/2012

Checked the Mine site. All items of concern from 9/10/2012 have been taken care of.

Inspector's Signature:

Date Monday, September 10, 2012

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input 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 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 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 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 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 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 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"/>

2. Signs and Markers

The mine identification sign is in place at the entrance into the mine permit area from the county road. The sign contains the required information set forth by the R645 Coal Rules.

4.a Hydrologic Balance: Diversions

Three (3) diversion structures were noted during the inspection as requiring maintenance. The structures are as follows:

- * Undisturbed culvert inlet located adjacent to the oil storage building is beginning to build with sediment and tumble weeds.
- * Disturbed culvert outlet located just below the access road to the lamp house, along the main road, is starting to build with sediment.
- * Disturbed culvert outlet located just below the access road to the shop, along the main road, is smashed and beginning to build with sediment.

These same structures were identified on the August 2012 inspection. Contacted JD by phone. JD Contacted the contractor and called back indicating that the work should be completed this week. A follow up inspection will be conducted.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Thistle was observed in Sediment Basin B in all cells (See item 22.). The thistle in the sediment cells was identified on the July 2012 inspection report and still needs to be done. Thistle heads need to be removed and disposed of properly and then the plant needs to be treated and/or removed. Plastic rap was found in this basin between cell 1 and cell 2. The plastic rap needs to be removed and disposed of properly.

These items were identified on the August 2012 inspection. Contacted JD by phone. JD Contacted the contractor and called back indicating that the work should be completed this week. A follow up inspection will be conducted.

8. Noncoal Waste

Plastic rap in Sediment Basin B (see item 4b).

This item was identified on the August 2012 inspection. Contacted JD by phone. JD Contacted the contractor and called back indicating that the work should be completed this week. A follow up inspection will be conducted.

16.a Roads: Construction, Maintenance, Surfacing

Drainage from upper most load out is being channelized down the main road and causing erosion. The road needs to be re-graded so that the flow of water from this load out pad area is placed in the proper diversions and taken off the road as quickly as possible to prevent channelization and erosion.

This item was identified on the August 2012 inspection. Contacted JD by phone. JD Contacted the contractor and called back indicating that the work should be completed this week. A follow up inspection will be conducted.

22. Other

Thistle was observed at various locations through out the mine site. The thistle was identified as a problem during the July 2012 inspection. The stands of thistle on the storage pad above the shop area have been treated (sprayed) as the plant is starting to die. However the heads have not been removed and been disposed of properly. This will allow the plant to regenerate in the future. The heads need to be removed and disposed of.

The thistle along the main road just above the shop area on the left side looking up canyon has not been treated and the heads have not been removed. This plant was identified on the July 2012 inspection.

The numerous thistle plants located in the Sediment Basin B all Cells have not been treated and the heads have not been removed. These plants were identified in the July 2012 inspection report.

All thistle plants identified need to have the heads removed and disposed of properly. The plants need to be treated and/or removed. These items need to be addressed immediately to avoid future compliance actions.

These items were identified on the August 2012 inspection. Contacted JD by phone. JD Contacted the contractor and called back indicating that the work should be completed this week. A follow up inspection will be conducted.