



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:	Thursday, November 03, 2016
Start Date/Time:	11/3/2016 10:00:00 AM
End Date/Time:	11/8/2016 1:00:00 PM
Last Inspection:	Tuesday, October 17, 2017

Representatives Present During the Inspection:	
Company	Karin Madsen
OGM	Steve Demczak

Inspector: Steve Demczak
 Weather: Sunny, 40's, Dry Ground Condition
 InspectionID Report Number: 5689
 Accepted by: DHADDOCK
 11/17/2016

Permittee: **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: **INACTIVE**

Current Acreages

2,274.77	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 mine site is inactive except for the shop repairing mining equipment.

Stephen J. Demczak

Inspector's Signature:

Steve Demczak,
 Inspector ID Number: 39

Date Tuesday, November 03, 2016



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 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 type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The permittee has submitted information for permit renewal. It is schedule to be reviewed and approved by January 4, 2017.

DOGM Permit - The permit will expire on January 4, 2017

UPDES Permit- The permit is UT0025674. Policy expires on Aug 31, 2018

Air Quality Permit - The permit number is DAQE-992-96

SPCC Plan – The certified and review on August 14, 2014

2. Signs and Markers

2. I inspected the identification sign and it meets the requirements of the R645 Coal Rules at the Andalex mine. See Photo

3. Topsoil

3.I inspected the topsoil piles and I did not see any signs of wind or water erosion. The topsoil piles appear to be stable. See Photo

4.a Hydrologic Balance: Diversions

The diversions and culverts were open and functioning as designed. Sediment had started to fill within a culvert along the main road. Permittee stated that this culvert will be clean out. It is still functioning as designed. The permittee had cleaned out several diversions since the last inspection. See Photos

4.b Hydrologic Balance: Sediment Ponds and Impoundments

I inspected the sediment pond. It contained some water but was not discharging. It is unlikely this structure will discharge in the near future. The embankments appear to be stable. Inlets and outlets would function as designed. I did not see any hazardous conditions to this structure. The permittee conducted a third quarter sediment pond inspection on August 10, 2016. No hazardous conditions were reported. See Photos

4.d Hydrologic Balance: Water Monitoring

Water monitoring information is taken by the permittee and is sent electronically to the Division in Salt Lake City. This information is reviewed and analyzed by the Division staff. A report is written. The permittee was in compliance with the UPDES permit for the third quarter. No discharge occurred in the third quarter.

4.e Hydrologic Balance: Effluent Limitations

No discharges occur for the third quarter of 2016.

8. Noncoal Waste

The property was clear of non-coal waste materials such as oil, trash and grease cans.

10. Slides and Other Damage

No slides or other damage was notice during the inspection. The mine site appears to be stable.

12. Backfilling And Grading

The permittee backfilled two portals at the Apex Mine. The Division was notified by MSHA that water and sediment was going against the seal. The permittee backfilled the portals to prevent water and sediment to build-up against the seal. See Pictures

14. Subsidence Control

Subsidence information is given in the Annual Report. This information is reviewed by the Engineer in Salt Lake City.

15. Cessation of Operations

Only the shop is active at the Andalex site.

16.b Roads: Drainage Controls

I inspected the road diversions and culverts throughout the property. They were functioning as designed. See Photos

18. Support Facilities, Utility Installations

No new faculties constructed since the last inspection.

19. AVS Check

20. Air Quality Permit

AVS checks are made in Salt Lake City.

21. Bonding and Insurance

The insurance is provided by Reschine Agency Inc. The policy number is 3711 54 55, and expires on June 1, 2017. The accord form meets the R645 Coal Rule requirements. The bond is for the amount of \$1,520,000.

UTAH RESOURCES INC. PERMITTEE'S PROPERTY

UtahAmerican Energy Inc.

UDOGM PERMIT BOUNDARY
PERMIT # C 007/019







































































