



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:	Monday, December 17, 2018
Start Date/Time:	12/17/2018 10:00:00 AM
End Date/Time:	12/17/2018 11:30:00 AM
Last Inspection:	Tuesday, September 25, 2018

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Karin Madsen

Inspector: Priscilla Burton,

Weather: overcast 20 F

InspectionID Report Number: 6320

Accepted by:DHADDOCK
12/17/2018

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: **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 site was snow covered. Ditches and culverts were buried beneath snow. Maintenance work outlined last September was not completed. Operator has equipment on site to maintain the site when conditions permit.

Refer to Plate 6 As-Constructed Surface Facilities

Inspector's Signature: **Priscilla Burton** Priscilla Burton
 2018.12.18 11:24:31 -07'00' Date Monday, December 17, 2018
 Priscilla Burton,
 Inspector ID Number: 37



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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 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

Utah Coal Mining permit was renewed on January 4, 2017, with one special condition: to submit water data to the database. Citation 21214 issued June 1, 2018 was modified on 10/28/2018 and terminated on 12/13/2018 in accordance with Items 3a and 3b of the "Amended Stipulation and Joint Motion to Stay Proceedings..." filed with the Board of Oil, Gas & Mining on 11/21/2018.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

4th Quarter pond inspections were completed on 10/25/2018. This last quarter inspection was reviewed and signed by Tom Paluso, P.E.

4.c Hydrologic Balance: Other Sediment Control Measures

Left Fork was inaccessible. Sediment logs and other control measures could not be evaluated.

4.d Hydrologic Balance: Water Monitoring

4th Quarter 2018 sample of Well #1 will be taken today.

4.e Hydrologic Balance: Effluent Limitations

UPDES discharge permit UTUG040000 was issued in August 2013 and expired in August 2018. Ms. Madsen has been in communication with Jeff Studenka at the Utah DWQ. The permit has an automatic administrative extension and will be re-issued in 2019.

DMR's were filed November 28, 2018 for the month of October 2018. There was no discharge during the month of October at any discharge point. No discharge occurred in November either. No discharge is likely in December.

11. Contemporaneous Reclamation

Degas well pads were inaccessible. Well pad 6 was re-seeded November 6, 2018. (Incoming 11062018.pdf)

15. Cessation of Operations

The mine went into temporary cessation april 2008 (2008 Incoming document 0008). Long wall panels were last mined in 2008 (mine map 2009 Annual Report). Federal Lease UTU 79975 was relinquished. All mine portals (Pinnacle, Aberdeen and Apex portals) are currently sealed.

16.a Roads: Construction, Maintenance, Surfacing

County road (PR-1) is buckled just South of the main office driveway.

16.b Roads: Drainage Controls

Snow covered much of the road drainage ditches.

19. AVS check

AVS check was conducted 12/18/2018 with no issues reported.

20. Air Quality Permit

Air Quality Approval Order DAQE-997-96 was issued 10/25/1996 (MRP App. J) and modified 11/18/2002 to move the 5 acre coal stockpile to the Apex Mine and the crusher to the Aberdeen mine pad.

21. Bonding and Insurance

Indemnity National insurance Co filed surety reclamation bond #N6000362 with the Division on July 9, 2018, to replace the many individual bonds covering the site. A revised reclamation agreement describes a total area of 34.2 acres and is signed and dated July 23, 2018.

A certificate of liability insurance was issued 6/1/2018 and expires 6/1/2019. The insurer is Apollo Liability Consortium (underwriters at Lloyds). The Division is the certificate holder.

Photo Attachment – Centennial Inspection December 18, 2018



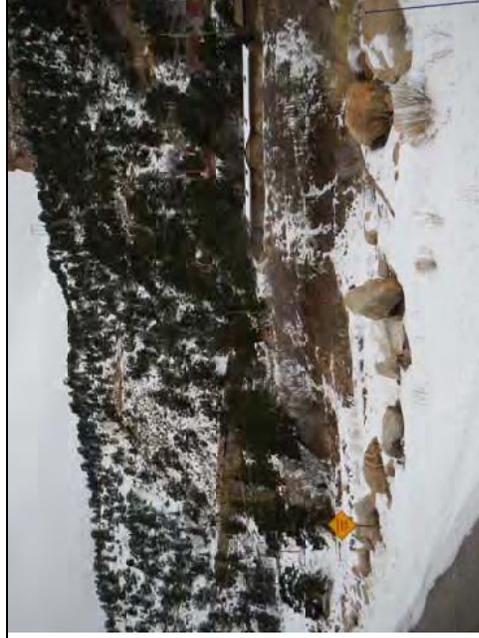
Sediment Pond E



PR 1 and Pinnacle Mine Office



PR 1 and shop pad



Catch Basins B and bathhouse