



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, August 3, 2020
Start Date/Time:	8/3/2020 10:30:00 AM
End Date/Time:	8/3/2020 2:00:00 PM
Last Inspection:	Tuesday, June 2, 2020

Representatives Present During the Inspection:	
OGM	Karl Houskeeper
Company	Karin Madsen

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 89 Deg. F.

InspectionID Report Number: 6736

Accepted by: SCHRISTE
9/14/2020

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 Centennial Complete Inspection was conducted un-attended according to the Division's current policy during the COVID 19 pandemic. Karin Madsen UtahAmerican Shadowed the Division Inspector.

Pictures were taken during the Complete Inspection and are attached to the PDF version of this inspectio report.

Needed maintenance items are described under items 4.a., 16.a. and 16.b.

Paperwork was done by accessing information electronically and through emails.

Inspector's Signature:

Date: Monday, August 3, 2020

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 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 checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" 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 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 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 was issued effective 01/04/2017 and expires on 01/04/2022.

- Certificate of Insurance issued 06/01/2020 and terminates 06/01/2021.
 - Reclamation agreement dated and signed 23 July 2018.
 - UPDES permit UTG040029 effective 04/01/2019 and expires midnight 03/31/2024.
 - Air Quality permit DAQE-997-96, issued October 25, 1996, modified November 16, 2003.
 - SPCC Plan re-certified 02/28/2019
- Business License issued from Carbon County, Utah on 01/01/2020 and expires on 12/31/2020.

2. Signs and Markers

The mine identification sign is posted at entrance into the Centennial Mine Permit area. The name, address, phone number and Utah Mining Permit number are all posted on the sign as is required by regulation. The sign is in compliance.

3. Topsoil

Three topsoil piles were examined during the complete inspection. The topsoil pile located at the truck load out, Mine Office and Apex Mine. Protection for all of the topsoil piles is provided by vegetative cover and an earthen berm.

4.a Hydrologic Balance: Diversions

The culvert inlet at the base of the mine access road where it intersects the main access road is plugged and needs to be cleaned. The silt fences in this area need to be replaced too. The culvert outlet by the truck load out exit is about 1/2 full of sediment and should be cleaned.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

All sediment ponds were checked and found to be dry. The embankments are stable. No visible hazards were observed.

4.c Hydrologic Balance: Other Sediment Control Measures

See item 4.a.

4.e Hydrologic Balance: Effluent Limitations

No discharges have occurred.

5. Explosives

There are no explosives on site.

7. Coal Mine Waste, Refuse Piles, Impoundments

There is no refuse pile associated with this mine site.

14. Subsidence Control

The mine has been inactive for several years. There is no current subsidence.

16.a Roads: Construction, Maintenance, Surfacing

The road way leading to the remote fan area needs to be regraded and the sediment control structures need to be evaluated and maintained after the road grading maintenance is done.

16.b Roads: Drainage Controls

See item 16.a.

20. Air Quality Permit

DAQE-997-96 issued October 25, 1996 and modified November 16, 2003.

21. Bonding and Insurance

Bond is \$1,152,000.

ATTACHMENT A – Photos Centennial August 3, 2020 site visit



PHOTO 1

Centennial Identification Sign



PHOTO 2

Centennial Overview



PHOTO 3

Centennial Topsoil Pile Truck Load Out



PHOTO 4

Centennial Truck Load Out

ATTACHMENT A – Photos Centennial August 3, 2020 site visit



PHOTO 5

Centennial Mine Office



PHOTO 6

Centennial Topsoil Pile Mine Office



PHOTO 7

Plugged Culvert Inlet Base of Office Access Road



PHOTO 8

Centennial Sediment Pond

ATTACHMENT A – Photos Centennial August 3, 2020 site visit



PHOTO 9

Centennial Bath House



PHOTO 10

Centennial Overview



PHOTO 11

Centennial Shop



PHOTO 12

Centennial Apex Mine Overview

ATTACHMENT A – Photos Centennial August 3, 2020 site visit



PHOTO 13

Centennial Apex Mine



PHOTO 14

Centennial Upper Topsoil Pile Apex Mine



PHOTO 15

Centennial Overview