



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

OGM Jerriann Ernstsens Environmental Scientist II

Inspection Report

Table with 2 columns: Field Name, Value. Fields include Permit Number (C0070004), Inspection Type (COMPLETE), Inspection Date (Wednesday, April 12, 2006), Start Date/Time (4/12/2006 2:30:00 PM), End Date/Time (4/12/2006 5:00:00 PM), Last Inspection (Wednesday, March 08, 2006).

Inspector: Jerriann Ernstsens, Environmental Scientist II

Weather: Sunny 65 degrees

InspectionID Report Number: 923

Accepted by: pgrubaug
5/16/2006

Permittee: CASTLE GATE HOLDING CO
Operator: CASTLE GATE HOLDING CO
Site: CASTLE GATE MINE
Address: PO BOX 30, HELPER UT 84526-0030
County: CARBON
Permit Type: PERMANENT COAL PROGRAM
Permit Status: RECLAIMED

Current Acreages

Table with 2 columns: Value, Category. Rows include Total Permitted (7,619.00), Total Disturbed (63.00), Phase I (29.20), Phase II (18.20), Phase III.

Mineral Ownership

- Checked: Federal, State, County, Fee
Unchecked: Other

Types of Operations

- Checked: Underground, Surface, Loadout
Unchecked: Processing, Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The purpose of this site visit was to conduct a complete inspection of the Castle Gate facilities. DOGM evaluated Adit, Hardscrabble, and Sowbelly reclaimed sites.

DOGM had difficulty entering Sowbelly because of the gate lock. DOGM reported this to the Permittee.

DOGM would like to plan an inspection visit with the Permittee this coming field season. DOGM is particularly interested in reviewing the MRP maps illustrating the reference areas and conducting an on-site visit of the reference area(s) for all three sites.

Inspector's Signature:

Date Thursday, April 13, 2006

Jerriann Ernstsens, Environmental Scientist II

Inspector ID Number: 52

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 permit was renewed December 24, 2004 and is current through December 2009.

2. Signs and Markers

Signs containing the required information were posted at access points to the reclaimed area at the Adit and Sowbelly. The Company sign was not posted for Hardscrabble and the company was made aware and should post by the next inspection.

4.a Hydrologic Balance: Diversions

Adit: Flow was approx 1/2 to 1 gal/min.
Hardscrabble: No channels were flowing and the surface was dry.
Sowbelly: No channels were flowing and the surface was dry.

4.c Hydrologic Balance: Other Sediment Control Measures

Surface roughening, vegetation, and diversions are the sediment controls for the reclaimed areas.
Adit: Gouges have settled little and are still very obvious.

4.d Hydrologic Balance: Water Monitoring

Up to date and no change from fourth quarter of 2005 report.

8. Noncoal Waste

Adit: Highway litter was not significant along the roadside.
Sowbelly: It appears that the public has tampered with the signs and left debris around the gate.

9. Protection of Fish, Wildlife and Related Environmental Issues

Adit: No signs of recent wildlife presence.
Areas definitely support wildlife.
Hardscrabble: Canyon wren!! , herd of about 20 mule deer, and herd of about 8 elk. The herds were about one canyon south of the "Johnny's island". There were footprints all over the previously reclaimed area, as well as, in the substation area.
Sowbelly: Scrub jay feasting on dead rabbit.

10. Slides and Other Damage

Hardscrabble: Noted some erosion just above the road along the sloped bank (west of road, above "Johnny's Island"). The eroded areas extend about 100' above the road and have no visible signs of vegetation.

13. Revegetation

Adit, Hardscrabble, Sowbelly: Grasses starting to green at base. Most seed heads are indistinguishable, except Indian Rice grass. No deciduous plants (in reclaimed areas) have begun to leaf out. No herbaceous plants have initiated growth.

Hardscrabble: The small area (substation) approaching Phase I bond release have many gouges that are void of vegetation on tops, but filled with living plants and organic matter in the gullies.

16.a Roads: Construction, Maintenance, Surfacing

Adit, Hardscrabble, Sowbelly: All dirt roads were dry and passable.

Hardscrabble: Plants are tall enough in the road, that they are scratching the car bottom.

16.b Roads: Drainage Controls

Adit, Hardscrabble, Sowbelly: No issues.

21. Bonding and Insurance

The surety bond (#104329369) is currently set at \$680,154.00 and Certification of Insurance is in effect until all of the Permittee's reclamation obligations have been met under the rules of R645.