



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

Table with 2 columns: Representative, Name/Title. Includes BLM Steve Falk, Dennis Ware Controller, Pamela Grubaugh-Littig Environmental Manager, Dana Dean Environmental Scientist III, Priscilla Burton Environmental Scientist III, Wayne Western Environmental Scientist III.

Inspection Report

Table with 2 columns: Field, Value. Includes Permit Number: C0070004, Inspection Type: BOND RELEASE, Inspection Date: Thursday, September 08, 2005, Start Date/Time: 9/8/2005 1:10:00 PM, End Date/Time: 9/8/2005 1:40:00 PM, Last Inspection: Wednesday, August 31, 2005.

Inspector: Wayne Western, Environmental Scientist III

Weather: Warm with clear to partly cloudy skies.

InspectionID Report Number: 740

Accepted by: pgrubaug
12/15/2005

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: Acreage, Category. Includes 7,619.00 Total Permitted, 63.00 Total Disturbed, 29.20 Phase I, 18.20 Phase II, 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:

Phase I Bond release for Adit Number 1 - 3.0 acres. The Division conducted a Phase I Bond release inspection at the site and determined that the site met the minimum requirements for Phase I Bond release. The BLM also concluded that bond release should be granted.

This area was used as a loadout Pre-SMCRA, cutslopes are Pre-SMCRA.

Inspector's Signature

Date Tuesday, September 27, 2005

Wayne Western, Environmental Scientist III
Inspector ID Number: 42

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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"/>

3. Topsoil

Topsoil was derived from the best available material on site (soils analyses are available in Appendix 3G). The topsoil was graded and pocked. Vegetation is vigorous. There is no evidence of erosion.

4.c Hydrologic Balance: Other Sediment Control Measures

The plastic Pyramat lining the channel has been exposed in places by high flows, but is holding the soil beneath it.

4.d Hydrologic Balance: Water Monitoring

UPDES discharge is not part of Phase I bond release. A spring emanates from within the portal and discharges through a pipe into the reclaimed channel. The spring water is high in carbonates and supports algal growth.

12. Backfilling And Grading

Final Surface Configuration: The Permittee met the minimum requirements for restoring the site to the general surface configuration of the land before mining. The R645 – Rules do not require that the site be returned to the original contours rather that the site resembles the general surface configuration of the surrounding area. The reclaimed slopes as similar in length and grade to those in the surrounding area. Spoil Piles Elimination: No spoil piles exist on site.

Highwalls Elimination: There are three portals at the site. All the portals are sealed and backfilled. The portals were some of the first in Utah and date back to 1886. Because of the historical significance, the top of the concrete face ups were not covered. The Permittee has placed fill material above the concrete face ups. All highwalls were eliminated.

Postmining Land Use: The postmining land use is wildlife habitat. The site is vegetated and appeared to the Division to support wildlife habitat. Long Term Static Safety Factor of 1.3: The site appears stable.

Prevent Slides: The reclaim slopes appeared to be stable.

Minimize Erosion and Water Pollution Both on and off the Site: The reclaimed area was pocked and vegetated. The Division found that erosion was minimized because there were no rills or gullies formed.

21. Bonding and Insurance

The Division recommends that Phase I Bond release be granted for the Adit #1 area.