



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 3 columns: Role, Name, Title. Title: Representatives Present During the Inspection. Rows include Rex Sacco, Pamela Grubaugh-Littig, Dennis Ware, Steven Fluke, Priscilla Burton, and Wayne Western.

Inspection Report

Table with 2 columns: Field, Value. Fields include Permit Number (C0070004), Inspection Type (BOND RELEASE), Inspection Date (Thursday, September 08, 2005), Start Date/Time (9/8/2005 10:15:00 AM), End Date/Time (9/8/2005 11:45:00 AM), Last Inspection (Wednesday, August 31, 2005).

Inspector: Wayne Western, Environmental Scientist III

Weather: Warm with clear to partly cloudy skies

InspectionID Report Number: 738

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

Summary table with 3 columns: Current Acreages, Mineral Ownership, Types of Operations. Includes checkboxes for Federal, State, County, Fee, Other, Underground, Surface, Loadout, Processing, Reprocessing.

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

Phase I Bond release for Sowbelly Gulch substation - 1.8 acres. The Division determined that the site met the minimum requirements for Phase I Bond release.

Plateau Mining Corporation is the landowner.

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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

In the fall of 2003, the slopes and berm around the substation pad were used for substitute topsoil. The site was graded and pocked. There were no signs of erosion from the site.

4.a Hydrologic Balance: Diversions

Diversions for the substation reclamation include reclaimed stream channels SBRD-3, SBRD-5, SBRD-6, SBRD-7A, and SBRD-7B, and culvert SBRC-1. The diversions appeared to be constructed as designed and presented in the MRP and were all in good condition and stable. It was noted that culvert SBRC-1 was partially clogged with debris (sand and gravel). Dennis Ware is aware of the condition and has committed to cleaning the culvert using hand tools as part of routine maintenance. A follow-up will be made by the Division at the time of the next quarterly inspection.

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 are similar in length and grade to those in the surrounding area. The Permittee left some cut slopes because there was not enough material on site to completely eliminate the cut slopes, and if material was brought in, the slope would have to be extended so far that the slope would cover (block) the road. The Division observed a minor slump above the cut slope.

Area met stability of 1.3

Spoil Piles Elimination: No spoil piles exist on site.

Highwalls Elimination: No highwalls exist on site.

Postmining Land Use: The postmining land use is wildlife habitat. The site is vegetated appeared to the Division to support wildlife habitat.

Long Term Static Safety Factor of 1.3: The site appears stable. The Division did observe a minor slump above the cut slope. The soil cover is shallow, usually two feet of soil over bedrock. The slump was most likely due to water eroding the soil around a boulder. The slump area appears to be stable and is outside of the reclaimed area.

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.

13. Revegetation

The site was seeded in the fall of 2003. Vegetation is vigorous and reflects the good water year.

16.b Roads: Drainage Controls

Drainage controls for the access road are diversions that include reclaimed stream channels SBRD-6, SBRD-7A, and SBRD-7B and culvert SBRC-1. As noted above, the diversions appeared to be constructed as designed and presented in the MRP and were all in good condition and stable. It was noted that culvert SBRC-1 was partially clogged with debris (sand and gravel). Dennis Ware is aware of the condition and has committed to cleaning the culvert using hand tools as part of routine maintenance. A follow-up will be made by the Division at the time of the next quarterly inspection.