



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
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Division of Oil, Gas & Mining

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Division Director

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Lieutenant Governor

Table with 2 columns: Agency, Name, Title. Includes representatives from State and BLM.

Inspection Report

Table with 2 columns: Field, Value. Includes Permit Number, Inspection Type, Date, Time, and Last Inspection.

Inspector: Wayne Western, Environmental Scientist III

Weather: Warm with clear to partly cloudy skies

InspectionID Report Number: 737

Accepted by: pgrubaug
12/15/2005

Permittee: PLATEAU MINING CORP
Operator: PLATEAU MINING CORP
Site: WILLOW CREEK MINE
Address: PO BOX 30, HELPER UT 84526-0030
County: CARBON
Permit Type: PERMANENT COAL PROGRAM
Permit Status: ACTIVE

Table with 2 columns: Value, Description. Shows Current Acreages for Total Permitted, Total Disturbed, and Phases I, II, III.

- Mineral Ownership: Federal, State, County, Fee, Other (all checked)

- Types of Operations: Underground, Surface, Loadout, Processing, Reprocessing (Underground, Loadout checked)

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

Phase I Bond Release Willow Creek Mine Gravel Canyon Topsoil Storage Area - 4.3 acres. The Division determined that Gravel Canyon met the minimum requirements for Phase I Bond release.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 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"/>

1. Permits, Change, Transfer, Renewal, Sale

Beginning in 1984, this area was used as a topsoil storage site. The area was used as a gravel pit prior to mining. There were no portals and no highwalls. One intermittent drainage bisects the site.

3. Topsoil

The Gravel Canyon storage site held 107,639 CY of topsoil (MRP, Table 4.2-1), of that, 65,000 CY was removed and used to cover the waste in Schoolhouse Canyon (As Built App. 3.6D, Sec. 3.6-4AB). The remaining soil at the site was graded and pocked and seeded in the Fall of 2004. (Laboratory analysis of the remaining soil is found in Appendix 3M.) There were no signs of erosion.

4.a Hydrologic Balance: Diversions

Drainage channel was not lined with pyramat, instead the design used riprap covered with soil (per Earthfax Channel filter design MRP, Sec 3-6, App. 3-6B).

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 no highwalls on site.

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.

13. Revegetation

Seeded in Fall 2004. Hay/Straw still visible.