



The State of Utah
 Department of
 Natural Resources
 Division of
 Oil, Gas & Mining

ROBERT L. MORGAN
 Executive Director

LOWELL P. BRAXTON
 Division Director

OLENE S. WALKER
 Governor

GAYLE F. McKEACHNIE
 Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Pete Hess Environmental Scientist III
Company	Johnny Pappas Sr. Environmental Engineer

Inspection Report

Permit Number:	C0070038
Inspection Type:	TECHNICAL
Inspection Date:	Tuesday, February 10, 2004
Start Date/Time:	2/10/2004 1:00:00 PM
End Date/Time:	2/10/2004 3:30:00 PM
Last Inspection:	Thursday, January 29, 2004

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun, 30F, breezy

InspectionID Report Number: 172

Accepted by: dhaddock
 2/11/2004

Permittee: **PLATEAU MINING CORP**
 Operator: **PLATEAU MINING CORP**
 Site: **WILLOW CREEK MINE**
 Address: **847 NW HWY 191, HELPER UT 84526**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

14,670.00	Total Permitted
161.55	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, Divison Orders, and amendments:

Reviewed documents showing location of AML Willow Creek waste in the schoolhouse refuse fill and discussed the elevation of this deposit in relation to the ongoing backfilling and grading of the site. Sampled location where the AML (high boron waste) may have been encountered during grading and a site below the level of the AML waste.

Inspector's Signature: _____

Date Wednesday, February 11, 2004

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

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

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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, Division 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 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 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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

Topsoil along the northeast edge of the refuse pile was being pushed with a D9R dozer down onto the surface of the refuse pile. Topsoil along the south edge of the refuse pile has been graded level with a berm remaining to separate the topsoil from the refuse.

7. Coal Mine Waste, Refuse Piles, Impoundments

Mr. Pappas indicated that the annual report for 1996 has cross-sections showing the location of the transported AML waste that may be high in boron. Mr. Pappas provided me with a cross section of the refuse pile showing the elevation of the AML Willow Creek disposal site waste placement (6410 to 6448 ft.); the surface elevation of the refuse pile shown in the year 2000 is 6475 ft. Mr. Pappas had correlated the latest grading plan station locations on the 1996 cross section and noted that the AML waste (which may be high in boron) had already been intercepted at station 14+00 and 15+00. The surface of the AML waste will be the final grade of the drainage from stations 22+00 to station 16+00. Mine waste samples were taken from locations near stations 14+00 (now at 6381ft and 15+00 (now at 6402 ft) and delivered to Brigham Young University Soil & Plant Analysis Laboratory on 02/11/04. Results will be faxed to Mr. Pappas in approximately three business days. Next week when the grading progresses 10 - 15 feet deeper in the drainage from stations 17+00 to 21+00 additional samples will be taken of the waste. Casey of Nielson Construction indicated that should it become necessary, 6,000 cu yds of space has been reserved in pond 013 for relocation of high boron waste.