



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:

Company	Dennis Ware	Controller
OGM	Pete Hess	Environmental Scientist III

Inspection Report

Permit Number:	C0070038
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, May 02, 2007
Start Date/Time:	5/2/2007 9:10:00 AM
End Date/Time:	5/2/2007 9:45:00 AM
Last Inspection:	Thursday, April 19, 2007

Inspector: Pete Hess, Environmental Scientist III

Weather: Cloudy, cool, 60's F.

InspectionID Report Number: 1286

Accepted by: whedberg *OK*

5/3/2007

Permitee: **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**

Current Acreages

14,662.49	Total Permitted
71.44	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, Division Orders, and amendments:

The backfill in the Crandall Canyon #2 shaft failed during the latter part of November 2006. The Division and the BLM have approved a new plan to backfill the #2 shaft, and maintain the quality of water which is being discharged.

Inspector's Signature: _____

Pete Hess

Date: Wednesday, May 02, 2007

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

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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Inspection Continuation Sheet

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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"/>

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Permittee is in the process of constructing a pond to treat water from the #2 air shaft in Crandall Canyon. This construction has been occurring for several days. The dimensions of this new pond are, as observed this day, 235 feet X 33 feet (average) X 4.5 feet (average depth). This should treat via evaporation, 123 feet of the 173 foot water column in the shaft. According to Mr. Mark Greenhalh of Nielson Constuction, the water level in the shaft has gone down 9 inches since May 1, 2007.

4.c Hydrologic Balance: Other Sediment Control Measures

The Permittee started to discharge water from the #2 shaft via an amended UPDES permit on April 19, 2007. At the request of the Division, a piece of conveyor belting was installed in the Crandall Creek channel beneath the end of the three-inch discharge hose to further reduce the potential for erosive action in the reclaimed channel. The reclaimed channel is well armored with large rip-rap, which is locked in place by sediment deposition. The Permittee has also installed a straw bale dike in Crandall Creek and enhanced the berm between the #2 shaft and the Creek to contain any precipitation intercepted by the newly disturbed area.

4.d Hydrologic Balance: Water Monitoring

There is no flow in the reclaimed drainage within the Crandall Canyon disturbed area. As observed on May 1, 2007, the lower reaches of Crandall Creek are carrying a small amount of ground water flow.

4.e Hydrologic Balance: Effluent Limitations

The amended UPDES permit allows a mine water discharge from the #2 shaft (outfall 016) to Crandall Creek and thence the Price River. The TDS loading limit established is 1 ton per day total from both outfalls. TSS limits are maintained at the 25/35/70 mg/l for weekly, 30-day and daily maximum. Approximately 900,000 gallons of water meeting Utah water quality standards have been discharged to Crandall Creek. About 118,000 gallons of water remain to be settled out / treated in the new pond.