



## 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:	COMPLETE
Inspection Date:	Monday, March 26, 2007
Start Date/Time:	3/26/2007 9:45:00 AM
End Date/Time:	3/26/2007 11:55:00 AM
Last Inspection:	Wednesday, February 21, 2007

Inspector: Pete Hess, Environmental Scientist III

Weather: 40's to 50's F; cloud cover building.

InspectionID Report Number: 1250

Accepted by: whedberg *OK*

4/4/2007

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**

#### Current Acreages

14,670.00	<b>Total Permitted</b>
176.35	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### 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 Permittee notified the Division on February 12, 2007 that the fourth quarter of 2006 surface and ground water monitoring information for the Willow Creek permit area was in the Division EDI "pipeline" and was acceptable for uploading. The Permittee continues to meet the requirement of the Special Condition included as Attachment "A" of the current State DOGM permit.

There are no compliance actions pending for the permit area.

The Permittee is preparing a plan to address several of the issues associated with the #2 air shaft in Crandall Canyon. This will include de-watering of that shaft in order to install a plug. The Utah DWQ and the DOGM will review the submittal relative to de-watering.

Inspector's Signature: \_\_\_\_\_

*Pete Hess*

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date: Tuesday, March 27, 2007

**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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Permit Number: C0070038  
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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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

## **2. Signs and Markers**

The Permittee is in the process of installing identification signs at the toe of the reclaimed School House Canyon refuse disposal facility as well as at the Price River bank which is ENE (east side of the River) of the reclaimed rail loading facility. The Division feels that this sign will be better protected on the facilities side of the River. Due to frozen ground, the Permittee has not been able to dig the holes to place the 4X4 signs posts.

## **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The fourth quarter 2006 impoundment inspection for the Willow Creek main facilities area pond #001 was conducted by Mr. Richard B. White, Utah registered professional engineer on December 21, 2006. Mr. White's report noted that there were no signs of structural weakness, instability, or other hazardous conditions. The report received Mr. Whites certification on the same day as the inspection. Mr. White performed the 1st quarter of 2007 impoundment inspection for the #001A pond on this day (March 26, 2007). The Permittee has not received that report as yet. As observed during today's DOGM inspection, the pond is dry. No issues were noted with either the primary or secondary (open channel to Willow Creek) spillways.

## **4.c Hydrologic Balance: Other Sediment Control Measures**

The surface roughening technique which was implemented throughout the reclamation of this site for the purposes of water harvesting and runoff / sediment control appears to be functioning as intended. Some roughened areas fill in more quickly than others, with clumps of grass and other types of vegetation developing. Vegetation throughout the disturbed / reclaimed areas of this site appears to be doing well.

## **4.d Hydrologic Balance: Water Monitoring**

The Permittee is current relative to the required quarterly water monitoring submittals to the DOGM EDI web site. Discharge monitoring reports for the four month period of November 2006 through February 2007 were reviewed. UPDES outfall 001A (the main facilities area sediment pond) did not discharge during that four month period. Flow in Willow Creek and the Price River was observed as being low.

## **4.e Hydrologic Balance: Effluent Limitations**

Relative to the de-watering of the #2 Crandall Canyon air shaft, the Division has been working with the Permittee and the Utah DWQ about modifying the current UPDES permit to allow for a permitted temporary outfall from the #2 shaft to Crandall Creek. The Division has stressed that this flow must meet effluent parameters established within the UPDES permit prior to reporting from the disturbed area / permit area.

**5. Explosives**

The current general liability insurance provides coverage for damage incurred from the use of explosives in the Willow Creek permit area. There are no powder or detonator storage magazines remaining at this site.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

The fourth quarter 2006 waste rock disposal site facility inspection at School House Canyon was conducted on December 21, 2006 by the representative of EarthFax Engineering Company, Salt Lake City, Utah. Mr. Richard B. White performed the first quarter of 2007 inspection on March 26, 2007 for this same facility, which has been reclaimed. The site remains stable as observed during today's inspection.

**9. Protection of Fish, Wildlife and Related Environmental Issues**

It should be noted that the trees and vegetation which parallel the banks of the Price River through the area of the reclaimed rail loading facility have been heavily impacted by beaver. The trees are dead.

**12. Backfilling And Grading**

The backfill in the #1 Crandall Canyon air shaft appears to be stable. Security fences are in place. It is the Permittee's intent to install a chain link fence (similar to the already installed fence about the #2 shaft) around the #1 shaft this spring.

**16.b Roads: Drainage Controls**

The Permittee is aware of several minor cross-over rills on the Crandall Canyon access road. These will be repaired upon initiation of activities in that area by the Permittee's contractor.

**20. Air Quality Permit**

The current air quality approval order for this site was issued in January of 2000. The site is now reclaimed with much of the disturbed area acreage becoming part of the Western Energy Training Facility which is associated with the College of Eastern Utah. No coal is being mined at this time.

There are no open stockpiles, and the operational roads to the Training Center are asphalt paved.

**21. Bonding and Insurance**

The current general liability insurance remains in effect until July 30, 2007. The coverage amounts for general aggregate and each occurrence exceeds the requirements established within the R645 Coal Mining Rules. The cancellation clause meets these same requirements. As noted above, coverage for damage incurred from the use of explosives (XCU) is provided.