



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

## Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

# Inspection Report

Permit Number:	C0070038
Inspection Type:	PARTIAL
Inspection Date:	Monday, September 16, 2013
Start Date/Time:	9/16/2013 11:00:00 AM
End Date/Time:	9/16/2013 4:00:00 PM
Last Inspection:	Tuesday, August 20, 2013

Representatives Present During the Inspection:	
Company	Dennis Ware
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 70's

InspectionID Report Number: 3612

Accepted by: jhelfric

9/26/2013

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	<b>Total Permitted</b>
95.40	<b>Total Disturbed</b>
187.85	<b>Phase I</b>
187.85	<b>Phase II</b>
92.45	<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:

Willow Creek Mine has received Phase II bond release on August 15, 2012 by the Division. The only area which did not receive Phase II bond release was the Shaft area at Crandall Canyon. This area was disturbed for backfilling the shaft.

The permittee had a survey conducted on the shaft area in November 2012. The area settled 1.2 feet in three years. The shaft will be surveyed annually to check for subsidence of the shaft area. The shafts appear to be stable and no change since the last inspection.

The Willow reclaim site received high intensity rainstorm recently. It has caused three diversions to erode severely. The permittee will need to reconstruct the diversions. The permittee will contact the power plant and Price City Water Plant for rain amounts. They are adjacent to the Willow Creek reclaim site. It is possible that the storm exceeded the design of the diversions.

No violations were issued.

**Steve Demczak**

Digitally signed by Steve Demczak  
 DN: cn=Steve Demczak, o, ou,  
 email=stevedemczak@utah.gov, c=US  
 Date: 2013.10.07 14:37:19 -06'00'

Inspector's Signature:

Steve Demczak,  
 Inspector ID Number: 39

Date Tuesday, September 17, 2013



**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 checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

## **2. Signs and Markers**

I inspected identification signs at the gate to Crandall Canyon, the topsoil barrow area along highway US 50-6, and next to the road along Indian Canyon. The signs meet the minimum requirements of the R645 Coal Rules.

## **3. Topsoil**

The topsoil was stable after the recent high intensity rainstorms. There were no signs of rilling on the reclaim site. The only vegetation that was removed was within the diversions.

### **4.a Hydrologic Balance: Diversions**

The diversions were eroded at the Willow Creek reclaim area. The rip rap was moved and redeposit throughout the channels. The permittee is in the process of contacting a consulting firm to determine the storm event and to redesign the diversions. The permittee will also contact Willow Creeks neighbor's to see if they have information about the recent rainstorms.

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

A diversion running through the center of the refuse pile was eroded and into the refuse material. The permittee will repair the diversion. This event may have exceeded the required design standards.

## **8. Noncoal Waste**

The site was clear of non-coal waste materials.