



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:

OGM	Daron R. Haddock	Environmental Manager
OGM	Steve Christensen	Environmental Scientist II

Inspection Report

Permit Number:	C0430008
Inspection Type:	COMPLETE
Inspection Date:	Monday, October 13, 2008
Start Date/Time:	10/13/2008 10:00:00 AM
End Date/Time:	10/13/2008 10:30:00 AM
Last Inspection:	Tuesday, July 31, 2007

Inspector: Steve Christensen, Environmental Scientist II

Weather: 55 degrees F., Winds 0-5 MPH., Partly Cloudy.

InspectionID Report Number: 1798

Accepted by:

Permitee: **SUMMIT COAL CO**

Operator: **SUMMIT COAL CO**

Site: **BOYER MINE**

Address: ,

County: **SUMMIT**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

Current Acreages

129.00	Total Permitted
129.00	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
 State
 County
 Fee
 Other

Types of Operations

- Underground
 Surface
 Loadout
 Processing
 Reprocessing

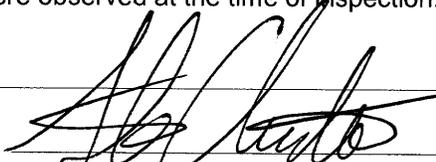
Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

On October 13, 2008, Division Representatives (April Abate, Steve Christensen and Daron Haddock) inspected the Boyer Mine. Reclamation activities were jointly administered by the Division's AMR and Coal Regulatory Programs; commencing on November 3rd, 1994 and were completed on April 17th, 1995. Inspections were conducted on a monthly basis through September of 1994. Annual inspections are now conducted.

The site is presently used for cattle grazing with no signs of off-site impacts observed during the inspection. The restored drainage channels within the permit area were well vegetated and appeared stable. No signs of cutting, erosion or slumping were observed in the drainageways located on-site. The drainage ditch for Highway 133 (located directly adjacent to the permit area) did not show any impacts from the Boyer Mine site. The main drainage channel was directed offsite to a culvert beneath the road that ultimately discharges to Chalk Creek. The culvert contained minor amounts of silt, but appeared to be in satisfactory condition. The backfilled areas appeared stable with no evidence of erosion or slumping.

Vegetation was well established throughout the site. However, noxious weeds/invasive species were noted during the time of the inspection. The skeletons of Musk Thistle, and White Top were observed in some locations at the site. Division representatives agreed that (with the exception of the invasive weeds noted previously) the site was stable and no off-site impacts were observed at the time of inspection.

Inspector's Signature:


 Steve Christensen, Environmental Scientist II
 Inspector ID Number: 54

Date: Monday, October 13, 2008

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 type="checkbox"/>	<input checked="" 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Signs and Markers

A 'No Trespassing' sign is located at the entrance to the property. As there are no soil stockpiles or intermittent/perennial streams located within the permit area, topsoil and stream buffer zone signs are not required.

4.a Hydrologic Balance: Diversions

Two natural drainageways were diverted during the operational phase of the mine. One drainage located on the western edge of the permit area and the other on the eastern edge. The natural, un-disturbed drainages that were diverted and subsequently reclaimed, did not show signs of excessive erosion, gulying or cutting. No off-site impacts were observed in connection with these drainages. The larger diversion located along the eastern portion of the permit area was observed to be in good condition. During the operational phase of the mine, a 36" culvert had been installed to divert undisturbed drainage under the mine-site. Upon reclamation, the culvert was removed and the channel was fortified with filter blanket, riprap and then backfilled. During the time of the inspection, this drainage channel was observed to be stable and well vegetated. As with the eastern most drainage diversion, the western diversion was reclaimed in the same manner (i.e. fortified with filter blanket, riprap and backfilled). The western drainage was observed to be stable and well vegetated. No signs of excessive erosion or cutting were noted during the inspection of the western-most drainage channel.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The location of the former sediment pond was observed at the time of the inspection. The sediment pond has been backfilled and vegetated. The area of the sediment pond is stable and does not show evidence of erosion, gulying or slumping.

9. Protection of Fish, Wildlife and Related Environmental Issues

The Boyer Mine Site does not appear to present any present or potential threat to fish or wildlife. As previously outlined, the site is stable. The established vegetation and soil reclamation work appears to have been successful at preventing off-site impacts from occurring. Approximately 20 head of cattle were observed grazing on the site with little to no adverse impact.

10. Slides and Other Damage

No evidence of slides or other damage were observed during the inspection.

12. Backfilling And Grading

The backfilling and grading of the site was observed during the inspection. No evidence of slumping or movement was observed during the inspection. The areas that had been backfilled at the locations of the portals were stable. No signs of erosion and or soil movement were observed.

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13. Revegetation

The vegetation on the site looks good and appears to be adequate to control erosion. There appears to be better vegetation on the reclaimed site than on the adjacent areas. There are some skeletons of weeds in a few area at the mine (Musk Thistle and White top). These weeds would probably be on the site whether it had been mined or not due to invasion from adjacent land.