



State of Utah

Department of
Natural ResourcesMICHAEL R. STYLER
Executive DirectorDivision of
Oil, Gas & MiningJOHN R. BAZA
Division DirectorJON M. HUNTSMAN, JR.
GovernorGARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

OGM	Pete Hess	Environmental Scientist III
Company	David Shaver	Manager

Inspection Report

Permit Number:	C0070041
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, August 21, 2007
Start Date/Time:	8/21/2007 8:30:00 AM
End Date/Time:	8/21/2007 11:00:00 AM
Last Inspection:	Wednesday, July 25, 2007

Inspector: Pete Hess, Environmental Scientist IIIWeather: Sunny, warm; hazy over the BookcliffsInspectionID Report Number: 1376Accepted by: dhaddock *OK*

9/12/2007

Permittee: **WEST RIDGE RESOURCES**
 Operator: **WEST RIDGE RESOURCES**
 Site: **WEST RIDGE MINE**
 Address: **PO BOX 1077, PRICE UT 84501**
 County: **CARBON**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

6,114.89	Total Permitted
29.06	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 Permittee's water monitoring representative notified the Division on April 17, 2007 that the first quarter of 2007 surface and ground water monitoring information for the West Ridge Mine permit area was in the Division EDI "pipeline" and the information was acceptable for uploading. A review of the database reveals that second quarter 2007 information is now in the pipeline; to date, Division notification to upload the inserted data has not been received. The data due date for second quarter is the end of September 2007. The Permittee has met the Special Condition included as Attachment "A" of the current State R645 permit.

There are no pending compliance actions for the West Ridge Mine permit area.

Inspector's Signature:

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date Wednesday, August 22, 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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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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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

Both cells of the dual cell sediment pond contained water. The storm which hit the Dugout Canyon Mine and its associated Pace Canyon fan portal facility more than likely hit the West Ridge Mine at the same time, (PM hours of 8/14/2007). No storm damage was observed at the West Ridge Mine.

4.e Hydrologic Balance: Effluent Limitations

Mr. Shaver informed the Division this day that a field test of two chemicals manufactured by NALCO Chemical Company is being proposed / evaluated by the coal company. NALCO chemists have run tests on samples of mine water discharge and have determined that the combined use of a coagulant and a flocculant has been able to drop total iron levels to well below the maximum limit (1.3 mg/l) established by the State of Utah UPDES permit. Purchase of the test chemicals and injection system by West Ridge Resources is pending. Mr. Shaver indicated that the system will be installed in the underground pumping system such that treatment is achieved before the mine water reaches the surface. The Division of Water Quality has already approved the relocation of the mine water discharge outfall point to a location just below the outlet of the undisturbed bypass culvert in "C" Canyon. The Mine discharges a volume of approximately 700 GPM. The Permittee has been in constant communication with the Utah Division of Water Quality relative to the development of this proposal to treat the high iron levels in this effluent.

14. Subsidence Control

RB & G Engineering notified the Division on 7/14 that two of the instruments associated with the Grassy Trail Dam subsidence monitoring plan were not functioning. One accelerometer on the Dam had stopped functioning, while an inclinometer (# I-4, located on the west bank above the reservoir) had been damaged by a vehicle accessing upper Whitmore Canyon. The Division asked the Permittee to repair these items on August 8 via E-mail. Mr. Shaver indicated this day that the accelerometer has been sent off for repair. The inclinometer has been broken off three feet below the ground surface and it will be necessary to have a pad constructed and a drill rig brought in to replace that unit. Mr. Michael Hansen stated this day that the other accelerometers on the dam were working, and that I-4 was not showing any signs of movement on the west bank prior to being damaged. It is Mr. Shaver's intent to have the monitoring data collected over the past six months by RB & G Engineering analyzed and presented to the Utah Division of Dam Safety as well as the USDOJ / BLM Utah State Office to determine if the discontinuation or a reduction in monitoring frequency might be approved by those agencies. The Permittee completed extraction of the #7 Longwall panel (8 Right) during September 2006. 8 Right is the panel adjacent to the Grassy Trail Dam.

16.b Roads: Drainage Controls

The Permittee has cleaned the straw bale treatment basins which are located along the main access road below the Mine office.