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OK



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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:	C0150019
Inspection Type:	COMPLETE
Inspection Date:	Monday, November 21, 2011
Start Date/Time:	11/21/2011 9:20:00 AM
End Date/Time:	11/21/2011 11:35:00 AM
Last Inspection:	Monday, September 19, 2011

Representatives Present During the Inspection:	
Company	Guy Davis
OGM	Pete Hess

Inspector: Pete Hess

Weather: Mostly cloudy; rain and snow during inspection.

InspectionID Report Number: 2930

Accepted by: jhelfric

11/29/2011

Permittee: **ENERGY WEST MINING CO**
 Operator: **ENERGY WEST MINING CO**
 Site: **COTTONWOOD/ WILBERG**
 Address: **PO BOX 310, HUNTINGTON UT 84528**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

4,128.43	Total Permitted
45.28	Total Disturbed
21.29	Phase I
21.29	Phase II
21.29	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 site remains in temporary cessation status.

Inspector's Signature: _____

Pete Hess,

Inspector ID Number: 46

Date Tuesday, November 22, 2011



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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

4.a Hydrologic Balance: Diversions

The diversion berm at the Cottonwood bin wall needs additional material of a more coarse nature added; road base was used for the last enhancement, and it is being flushed away.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Mr. John Christensen, P.E., performed the 3rd Quarter 2011 impoundment inspections for the North and South MSHA ponds, and the waste rock site sediment pond on September 23, 2011. There were no signs of instability or other weaknesses observed during that inspection. All three ponds contain at least 0.14 AF of sediment storage capacity remaining below the 60 % cleanout elevation. The required MSHA inspections of the North and South ponds (as performed by Mr. Guy Davis) are current, with the last inspection being performed on November 15, 2011. There were no issues identified during the Permittee's inspections. As observed this day, the North pond had a frozen bottom with snow cover; the waste rock pond contained a large volume of water. No compliance issues were identified.

4.d Hydrologic Balance: Water Monitoring

Mr. Davis intends to initiate the insertion of water data for the 3rd Quarter of 2011 into the DOGM data base pipeline the week of 11/21/2011. 2nd Quarter data has been uploaded to the permanent data base.

4.e Hydrologic Balance: Effluent Limitations

None of the site's sediment ponds are close to the discharge elevation.

7. Coal Mine Waste, Refuse Piles, Impoundments

The Cottonwood waste rock disposal facility was inspected (3rd Quarter 2011) by the Permittee's qualified individuals on September 23, 2011. The engineer inspecting the facility states in the inspection report that the site is at 36 % of capacity, with 97 % of the area of the active lift available for waste disposal. All slopes are at their final configuration and revegetation of the slopes has occurred. Mr. John Christensen, P.E., certified the quarterly report as required on October 20, 2011. As observed this day, there were no indications of instability, spontaneous combustion, or other types of hazard at the facility.

13. Revegetation

No revegetation activities are occurring at the site.

21. Bonding and Insurance

The Division initiated a mid-term permit review of the Cottonwood-Wilberg Mine permit on October 20, 2011, (Task ID # 3940). The Division has instructed the Permittee to update the utilized unit costs to 2011 standards, using supportive data. A response is pending.