



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:	Thursday, May 08, 2014
Start Date/Time:	5/8/2014 9:30:00 AM
End Date/Time:	5/8/2014 3:00:00 PM
Last Inspection:	Wednesday, March 12, 2014

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Guy Davis

Inspector: Priscilla Burton,

Weather: partly cloudy 55 - 60 F

InspectionID Report Number: 3846

Accepted by: jhelfric

5/14/2014

Permitee: **PACIFICORP**
 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

4,114.18	Total Permitted
45.27	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 Cottonwood/Wilberg Mine is in temporary cessation status and there is no mining or reclamation activity at the site. Drainage bypass inlets, drainage ditches, ASCA's and ponds were functioning. A recent storm had passed through the area. Refer to Dwg # WS449E for the Cottonwood Mine site facilities and Dwg # CM10823-WB for the waste rock site.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Digitally signed by Priscilla Burton
 DN: cn=Priscilla Burton, o=ou, email=priscillaburton@utah.gov,
 c=US
 Date: 2014.05.16 11:46:45 -06'00'

Date

Friday, May 09, 2014

Note: This inspection report does not constitute an official statement 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, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

An amendment to Volume 10 Cottonwood Mine Waste Rock site was reviewed as Task 4508 and was returned, deficient, on April 9, 2014. The permit renewal is under review as Task 4514. The permit expires in July 7, 2014. The annual report was received on 3/31/2014 and is under review as Task 4569.

4.a Hydrologic Balance: Diversions

Two inlets (72 inch) and the outlet (90 inch) of the bypass culvert were observed free from obstruction. The bypass culvert was discharging a trickle of water, perhaps 1 gpm. Evidence of large volumes of water having previously flowed through the bypass was noticeable downstream.

The undisturbed bypass drop inlet in the storage yard needs to be cleared of a few rocks. Road side ditches are functioning.

The path of the undisturbed 72 in bypass culvert from the storage pad to its connection with the 90 inch bypass and the bypass outlet is not shown on Dwg #WS449D dated January 2014 with updated topography, which is not an official map, but was viewed at the mine office.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The first quarter impoundment inspections for the north and south pond at the mine site and for the waste rock pond were completed and certified by Mark Reynolds, P.E. and Rick Cullum, Surveyor on 3/10/2014. The south pond was reported to be above the 60% sediment mark. The MSHA inspection conducted on March 31, 2014 by Guy Davis noted piping in the north pond.

Work at the ponds had just been completed. Bentonite had been compacted around the outlet culvert of the north pond. Both north and south ponds were dry at the mine site. Sediment from the waste rock pond had been recently removed. Clean out from the ponds was placed on the waste rock pile.

4.c Hydrologic Balance: Other Sediment Control Measures

Catch basins, swales, straw bales and excelsior logs were functioning. A new log will be added to that present along the roadside ditch at the Waste Rock site. ASCA's were well vegetated and sediment control was in place.

4.e Hydrologic Balance: Effluent Limitations

There was no reported discharge from the south pond or from the waste rock site, UPDES locations UT-0022896 003A or 005A, respectively. There was a discharge from UPDES point 001A from the Cottonwood Mine into Cottonwood Creek (Trail Mountain side). The discharge was approximately 0.021 million gallons per day with a daily maximum of 679 mg/L TDS, which is within the effluent limit.

7. Coal Mine Waste, Refuse Piles, Impoundments

The refuse pile was inspected on 3/10/2014 by Rick Cullum and Mark Reynolds. No instability was noted. The pile is at 36% of capacity.

15. Cessation of Operations

The site is in temporary cessation status.

16.b Roads: Drainage Controls

Drainage from the tunnel and road to the Cottonwood fan portal road is directed down to the mine site pad by pvc pipe. One pipe at the end of the road to the Cottonwood fan portal was noted as partially plugged and will be cleared of mud.

18. Support Facilities, Utility Installations

The substation has no power lines connected.

19. AVS Check

An AVS check was completed on 2/26/2014 in connection with the permit renewal.

20. Air Quality Permit

DAQE-694-95 was last revised in August of 1995.

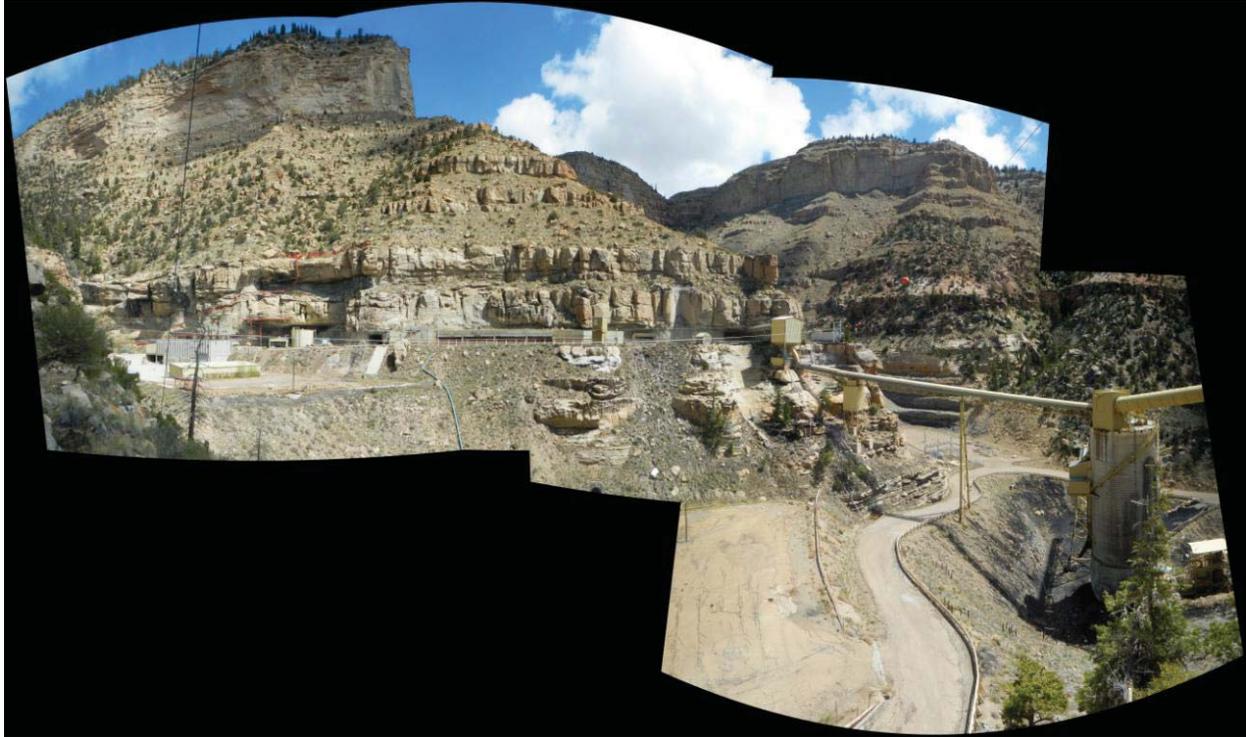
21. Bonding and Insurance

Liability coverage from Aon Risk Services Central, Inc., Omaha Nebraska, policy # XL5 194002P expires 10/1/2014. The policy names Associated Electric & Gas Insurance Service, Ltd. as the insurer and lists AEGIS policy # AA 3190004. The same policy number is shared by the Cottonwood Mine, Trail Mountain, Des Bee Dove and Deer Creek mines. The four mines together are insured for \$35,000,000 each occurrence and \$35,000,000 aggregate. The policy contains a rider requiring notification of the Division if the policy is changed or canceled.

The reclamation costs escalated through 2016 were estimated at \$2,779,000. A surety bond through Travelers Casualty and Surety Company of America covers this amount for reclamation of both the mine site and waste rock site, 45.27 acres.

22. Other

Doors to the underground bathhouse will be secured to prevent access.



Cottonwood/Wilberg facilities seen from the Cottonwood Fan portal road.



Sediment recently cleaned from the Cottonwood Waste Rock site pond.