



# 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:	Friday, September 05, 2014
Start Date/Time:	9/5/2014 10:00:00 AM
End Date/Time:	9/5/2014 3:30:00 PM
Last Inspection:	Thursday, May 08, 2014

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

Inspector: Priscilla Burton,

Weather: overcast, light rain

InspectionID Report Number: 3955

Accepted by: JHELFRIC  
10/6/2014

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

4,034.18	<b>Total Permitted</b>
45.32	<b>Total Disturbed</b>
21.29	<b>Phase I</b>
21.29	<b>Phase II</b>
21.29	<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:

Thunderstorm activity in the last days of August plugged the undisturbed inlet which then overflowed into the mine site, down the access road and out the gate. See photographs taken on 9/5/2014. The water tore through berms, eroded the asphalt road and scattered rip rap across the road. All silt fences and down drains need maintenance. Refer to Dwg #WS449E for the Cottonwood Mine site facilities.

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: 2014.10.10 14:53:32 -06'00'

Date Monday, September 08, 2014



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

## **1. Permits, Change, Transfer, Renewal, Sale**

Correspondence concerning a revision of the reclamation plan (Updates to Volume 10, Task 4632, dated August 4, 2014, requests further revision before the plan will be approved. Correspondence requested a follow-up survey for two active raptor nests before July 28, 2014 (Annual report, Task 4569, dated 6/27/2014). The permit boundary was updated, Task 4597 (Outgoing folder 6/10/2014). The permit acreage is 4,034.18 acres in the boundary. There is no change to the number of disturbed acres which is 45.32 acres (Legal Financial Volume, App. G, p. CTW-2). The permit was renewed for five years effective May 13, 2014 (Review Task 4514). A signed copy of the permit was received on June 11, 2014. There is one condition on the permit, which is to file water sampling data electronically.

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

Recent rains had overtopped undisturbed diversion structures at the mine site. Rains caused local flooding and likely exceeded the design event, as evidenced by the August 26, 2014 Emery County Progress article (Internal file, 9/9/2014).

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Sediment ponds contain water and did not overtop. They are functioning.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

Silt fences over topped and require maintenance.

### **4.d Hydrologic Balance: Water Monitoring**

Water monitoring was reviewed at the office. Water reports were filed as required. Site XXX routinely discharges.

### **4.e Hydrologic Balance: Effluent Limitations**

No exceedences.

## **10. Slides and Other Damage**

Numerous rocks and stones were carried across the road and down the site. Asphalt was eroded. The site requires clean up.

## **15. Cessation of Operations**

Reclamation activity at the site brings the Cottonwood Wilberg site out of temporary cessation.

## **16.a Roads: Construction, Maintenance, Surfacing**

Roads were damaged by flooding. Rocks and debris will be removed from the road.

**16.b Roads: Drainage Controls**

Drainage controls such as silt fences were damaged by flooding and will be repaired.

**18. Support Facilities, Utility Installations**

The steel structure enclosing the conveyor from Trail Mountain portals to the Cottonwood Mine portal has been removed and are being crushed for recycling.

**19. AVS Check**

an AVS check was conducted on May 13, 2014 in conjunction with the permit renewal.

**20. Air Quality Permit**

1991 Air Quality permit DAQE-835-91.

**21. Bonding and Insurance**

Liability insurance is effective through October 2014. The June 25, 2014 quarterly bonding report correctly states the bond amount of \$2,779,000.



Undisturbed culvert completely plugged. Debris overflow evidenced on right of photo.



Cottonwood Mine overview from Conveyor bench.



Cottonwood conveyor portal in Cottonwood Cyn.



debris on road



Conveyor conveyor portal from Trail Mtn.



Pond 1B



Reclaimed Fan Portal seen from Trail Mtn.



plugged undisturbed inlet



Cottonwood sample location 001A along Cottonwood Rd.