



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*pgl*

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## INSPECTION REPORT

Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 3/30/2001 / 10:30 a.m.-1:30p.m.  
Date of Last Inspection: 3/01/2001

Mine Name: Des Bee Dove Mine County: Emery Permit Number: 0815017  
Permittee and/or Operator's Name: PacifiCorp  
Business Address: P.O. Box 310, Huntington, Utah 84528  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Dennis Oakley  
State Official(s): Ken Wyatt Federal Official(s): None  
Weather Conditions: Clear, cool, breezy  
Existing Acreage: Permitted 2760 Disturbed 24 Regraded 1.5 Seeded \_\_\_\_\_  
Status: Active Reclamation XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. 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 checked="" 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 (4 <sup>th</sup> Quarter- April, May, June)	<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 checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 03/30/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

### Photos taken during the inspection are available at:

<ftp://dogm.nr.state.ut.us/PUB/MINES/Coal/C015/017/Images/03302001/>

## 1. PERMITS, CHANGE, TRANSFER, SALE

The following permits were examined in the Energy West office in Huntington:

The Des Bee Dove permit was renewed on August 30, 2000 with an original signature date by Lowell Braxton on September 1, 2000. This was revised on February 26, 2001 to designate Dee Jense as the Authorized Representative.

The UPDES permit #UTG040022 was issued by the Utah Division of Water Quality effective June 1, 1998 and continues through April 3, 2003. This covers the sediment pond discharge into Grimes Wash. The Lat Long coordinate for the discharge location is: 39° 18' 18" 111° 05' 43". No other discharge points are located at this mine.

U.S. Forest Service Special Use Permit for 100.41 acres was issued on February 10, 1977 for surface facilities.

BLM Right of Way #45337 was issued on May 5, 1980 for 1.72 acres for the Maple Gulch Escape way breakouts.

BLM Right of Way #53807 was issued on May 24, 1984 to include 3.04 acres for the sediment storage area adjacent and above the pond. This is the location where sediment removed from the pond is stored northwest of the pond.

BLM Right of Way #57134 was issued on April 1, 1986 for 0.37 acres for the access to the sediment pond.

State of Utah Special Use Lease Agreement for 40 acres for the sediment pond. This was issued on April 2, 1986.

## 2. SIGNS AND MARKERS

All signs and markers were in place. New perimeter markers are in stock and additional ones will be installed to better define the disturbed areas.

## 3. TOPSOIL

No topsoil stockpiles are present at the Des Bee Dove mine with the exception the sediment pond area. Minimal soil and/or substitute soil is present at the Des Bee Dove Mine since it was developed over many years in the early 1900s. Some areas such as pad out slopes and road berms and have been identified as possible substitute soil sources. The permittee will need to identify, isolate and retain as much soil/substitute soil as possible during the reclamation process.

**INSPECTION REPORT**

(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 03/30/2001

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The first quarter 2001 pond inspection was conducted on March 13, 2001, by Rick Cullum and John Christensen. According to the report, "There were no visible signs of weakness or instability." The following table summarizes the information in this pond inspection report.

Water Elevation:	6758.24 Feet
Slope Condition:	Good
Inlet/Outlet Condition:	Good
Sediment Volume:	0.54 Acre Feet
Remaining Sediment Volume:	1.45 Acre Feet
Water Impounded:	2.65 Acre Feet

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

The only water monitoring location at the Des Bee Dove Mine is the sediment pond which was reported to have no discharge for both January or February 2001. No discharge had occurred in March but the DMR report will not be compiled until the end of the month.

**4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

No discharges were reported for the first quarter 2001. The water level in the pond was observed near the top of the primary spillway. A decant valve is used to open the spillway.

**6. DISPOSAL OF EXCESS WASTE/FILLS/BENCHES**

The lower material storage pad was constructed by placing coal material in the valley fill during the early 1900s. This pad was drilled by Energy West and contains up to 90 feet of coal at the deepest part. Currently, work is underway to excavate the pad and remove good quality coal to the Savage Coal Terminal for sale. Unsaleable material will be stockpiled and used as backfill material.

The middle pad was excavated while equipment was onsite and also contained a fair amount of coal which has now been removed and either transported to the Savage Coal Terminal or retained on site as backfill material.

**7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS**

Excavation of coal from the pads will produce a better more stabile reclamation configuration. Drainage channels that cross these pads will also fair better since any erosion will not expose unstable coal in the channels.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 03/30/2001

### 11. CONTEMPORANEOUS RECLAMATION

Reclamation of the Des Bee Dove Mine will occur in successive phases beginning at the upper Beehive/Little Dove portals pad and access road this year. The portals have been sealed. Energy West is developing the reclamation plan based on the contractor's scope of work to submit for Division approval as the new reclamation plan. Susan White is the DOGM lead for the permit review team. The new reclamation plan was submitted to the Division on March 2, 2001. This plan will better define the reclamation activities. Final configuration will depend on the amount of backfill material that is excavated and retained on site versus the quantity hauled off site and sold.

### 12. BACKFILLING AND GRADING

Some backfill material has been stored on the bathhouse pad. This material was generated from the lower material storage pad excavation and consists of less quality coal and coal waste. According to Dennis Oakley, the used asphalt that was placed along the cut slope of the bathhouse pad is to be removed and disposed of at the Emery County landfill or the Nielson landfill. Additional asphalt generated when the main road is ripped up will also be disposed of at the landfill. No asphalt will be buried on site.

### 13. REVEGETATION

The pumphouse reclamation that was done last fall was free of snow. No vegetation was observed sprouting at this time. The weather has not been warm enough to induce germination.

### 16B. DRAINAGE CONTROLS

The ditch along the main access road in the vicinity of the mine gate could use some maintenance. Rock and debris continually fall from the slope above into the ditch especially during spring freeze/thaw periods. Dennis Oakley indicated that he had planned to do some work on these. Drainage from this ditch flows into a silt fence/catch basin at the switchback just below the main gate.

### 17. OTHER TRANSPORTATION FACILITIES

Historically, cattle have been allowed to pass through the Des Bee Dove mine and continue to the top of East Mountain using a cattle trail that continues above the Beehive/Little Dove mine access road. During reclamation, the cattle trail will be moved. The best route for the new access trail is the old water line. The new trail would take off from the mine access road at the first turn above the gate. It would re-connect near the switchback along the Beehive/Little Dove Mine access road. The trail already exists and will be enhanced to provide East Mountain access for cattle. The new route will also keep livestock from impacting the reclamation.

**INSPECTION REPORT**

(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 03/30/2001

**20. AIR QUALITY PERMIT**

The mine permit does not contain an air quality permit. The reclamation plan states that dust will be controlled by a speed limit of 10 miles per hour on unpaved roads. This worked fine while the mine was in operation and traffic was held to a minimum. Reclamation activities are disturbing areas that have been inactive for years. During this inspection, significant dust was being generated from the transport of coal and coal waste. In areas where the trucks were actively hauling material, several inches of very fine talc like soil was present. With each pass of a truck, dust was disturbed into the air.

Energy West was informed that a water truck or some form of dust suppression will be required during reclamation. This needs to be addressed in the current reclamation plan being reviewed. A statement indicating that speed limits below 10 miles per hour do not control dust in areas where traffic is continuous. Additional water will probably be needed to aid with compaction of lifts during the various backfill operations.

**21. BONDING & INSURANCE**

The reclamation Surety Bond is with St Paul Fire and Marine Insurance. This bond, policy number #400JN6139, is for \$1,837,712.00.

The insurance policy for Des Bee Dove, certificate #76922, policy U0614A00, is effective August 1, 2000 through April 1, 2002. It includes Commercial General Liability up to \$2,000,000 and Excess Liability for \$20,000,000. This was conveyed to the Division on August 10, 2000 in a letter from Scott Child to Pamela Grubaugh-Littig. The policy lists PacifiCorp as the policy holder doing business as Pacific Power & Light and Utah Power & Light.

Inspector's Signature: \_\_\_\_\_

Ken Wyatt #7

Date: April 5, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

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cc: James Fulton, OSM  
Chuck Semborski, PacifiCorp  
Price Field Office

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