

General Technical Requirements for Phased Bond Release
Tech-006: September 5, 2005 - Revised April 27, 2006
Des-Bee-Dove Mine

Section 5, Prior to Bond Release Request

1. Provide certification that reclamation was done according to the designs in the approved plan, or provide as-built plans including designs, reports, and drawings of the reclamation work accomplished and any modifications, amendments, or changes to the reclamation plan as a result of the reclamation.

See Attachment A for certification. Reclamation of Phase 1, Phase 2 and Pumphouse Area were completed according to the plans as outlined in their respective locations in the Mining and Reclamation Package. Any modifications made to the plans are included with each plan.

2. Provide the maintenance agreements for structures approved to remain for the postmining land use. The maintenance agreements must state that the facilities will be properly managed and maintained by the land owner following bond release.

N/A

3. Where the postmining land use is changed from the premining land use in accordance with R645-301-412 through R645-301-414, the Mining and Reclamation Package must address all applicable performance standards for bond release and the criteria by which successful reclamation for the post mining land use will be judged.

N/A

Section 5, I, A-D, Request for Bond Release

I. GENERAL ADMINISTRATIVE REQUIREMENTS - A request for bond release must contain or reference the following administrative information:

A. NOTARIZED SIGNATURE - A request will contain the notarized signature of a responsible official of the permittee, certifying that the information contained in the request is true and correct to the best of the official's information and belief.

Refer to Attachment A

B. NOTIFICATION LETTERS - Copies of letters of notification must be submitted to the Division. Notice Letters shall, at a minimum, contain the same information as submitted in the newspaper Advertisement (See part C below) and shall be sent by the permittee to all parties who have a valid interest in release of bond. Notice Letters shall identify the intent to seek bond release, and shall be sent to the following:

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- 1. Surface Owners**
- 2. Subsurface Owners**
- 3. Adjoining Property Owners**
- 4. County Commissioners**
- 5. Mayors**
- 6. Local Planning Agencies**
- 7. Municipal Authorities**
- 8. Sewage and Water Treatment Authorities**
- 9. Water Companies**

Depending on land ownership and management, other agencies that may need to be notified include:

- 1. State Division of State History**
- 2. State Division of Water Resources**
- 3. State Department of Environmental Quality**
- 4. State Division of Wildlife Resources**
- 5. Federal Agencies**

Draft letter is presented in Attachment B. A list of recipients are as follows;

*United States Forest Service
Manti-LaSal National Forest
599 Price River Drive
Price, Utah 84501*

*US Department of the Interior
Bureau of Land Management
440 West 200 South
P.O. Box 45115
Salt Lake City, Utah 84145-0155*

*State of Utah
School and Institutional Trust Lands Administration
675 east 500 South, Suite 500
Salt Lake City, Utah 84102*

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*State of Utah
Department of Natural Resources
Division of Wildlife Resources
Attn: Brent Stettler
475 West Price River Drive, Suite C
Price, Utah 84501*

*Emery County Commission
Attn Commissioners
P.O. Box 329
Castle Dale, Utah 84513*

*Public Lands Council
Ray Peterson - Director
P.O. Box 1228
Castle Dale, Utah 84513*

*Emery County Records Office
Dixie Swasey - County Recorder
P.O. Box 698
Castle Dale, Utah 84513*

C. NEWSPAPER ADVERTISEMENT - Newspaper advertisements should be approved by the Division **PRIOR** to publication to ensure completeness. A copy of a newspaper advertisement which is published at least once a week for four consecutive weeks in a newspaper of the locality of the mining operation shall be submitted to the Division within 30 days after the date of bond release application. The advertisement shall contain the following items:

- 1. The permit, number name of the permittee, and the permit approval date.**
- 2. A description of the precise location of the land affected, both surface and coal.**
- 3. The number of acres to be considered for release, both surface and coal.**
- 4. The amount and type of bond the Division currently holds.**
- 5. The amount of bond being sought for release.**

6. A description of the type of reclamation work performed and the dates when the work was performed and completed.
7. A description of the results achieved in relation to the mining and reclamation plan.
8. A statement indicating written comments, objections and requests for public hearings or informal conferences may be submitted to the Division of Oil, Gas and Mining.
9. The Address of the Division of Oil, Gas and Mining.
10. The closing date for submission of such comments, etc.

Refer to Attachment C for a draft copy of the newspaper advertisement.

Section 5, II, A, 1-9:

BOND RELEASE REQUEST (ALL PHASES) - A request for bond release must contain or reference the following technical information:

1. A legal description of the permit area.

T17S, R7E, S.L.B.&M, Emery County, Utah

Sec 25:

NW¹/₄ SW¹/₄, N¹/₂ SW¹/₄ SW¹/₄.

Sec 26:

E¹/₂SW¹/₄NE¹/₄, W¹/₂SE¹/₄NE¹/₄, NE¹/₄SE¹/₄.

Sediment Pond

Beginning at a point 259.41 feet West and 123.74 feet North of the East 1/4 corner of section 35, T17S. R7E., SLBM and intersecting the Des-Bee-Dove Emery County Road No. 412;

thence S 61° 43' E, 127.70 feet ;

thence S 51° 13' E, 459.78 feet;

thence S 60° 43' E, 163.50 feet;

thence S 3° 43' E, 213.14 feet;

thence N 64° 47' E, 278.44 feet;

thence N 22° 17' E, 249.11 feet;

thence N 44° 13' W, 217.52 feet;

thence N 2° 47' E, 431.98 feet;

thence N 10° 13' W, 194.24 feet;

thence N 6° 13' E, 231.03 feet;

thence N 51° 13' E, 154.75 feet;

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*thence N 7° 13' E, 230.82 feet;
thence N 39° 13' W, 188.61 feet;
thence N 13° 48' 40" W, 1030.83 feet;
thence N 40° 36' 49" W, 46.42 feet;
thence S 88° 27' 37" W, 100.39 feet;
thence N 61° 03' 40" W, 163.27 feet,
thence W, 79.30 feet,
thence S, 0°, 08' W, 517.82 feet,
thence S 13° 48' 40" E, 454.63 feet;
thence S 60° 37' 19" E, 640.87 feet;
thence S 7° 13' W, 189.18 feet;
thence S 51° 13' W, 155.25 feet;
thence S 6° 13' W, 258.97 feet;
thence S 10° 13' E, 195.76 feet;
thence S 2° 47' W, 448.02 feet;
thence S 44° 13' E, 206.48 feet;
thence S 22° 17' W, 196.89 feet;
thence S 64° 47' W, 185.56 feet;
thence N 3° 43' W, 166.86 feet;
thence N 60° 43' W, 186.50 feet;
thence N 51° 13' W, 460.22 feet;
thence N 61° 43' W, 132.30 feet;
thence S 28° 16' 51" W, 50.00 feet;
to point of beginning. Contains 13.88 acres, more or less.*

Bureau of Land Management Right of Way UTU-53809 Relinquished 8/22/04; No Right of Entry

Remote Portals

Beehive Portal Breakout *(Bureau of Land Management Right-of-Way Expired 5/25/01; No Right of Entry). An 20 ft. X 20 ft. area beginning at the SW corner of Section 13, T17S. R7E., SLM, to a point 292 feet, bearing N59°34'26"E. 0.01 acres, more or less.*

Deseret Portal Breakout

An 20 ft. X 20 ft. area beginning at the SE corner of Section 14, T17S. R7E., SLM, to a point 1,798 feet, bearing N49°20'41"W. 0.01 acres, more or less.

Total permit acreage equals 153.88 acres, more or less.

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2. Maps of a scale of 1"=500' or larger (e.g. 1"=50') clearly illustrating the boundaries of lands for which bond release is being requested. The maps shall:

- a. **Delineate all disturbed areas,**
- b. **Show the reclamation dates and acreage of each reclaimed area,**
- c. **Show the operation or reclamation status of each area, such as active; temporary cessation; or phase bond release, and,**
- d. **Show areas proposed for bond release.**

Refer to enclosed maps in Attachment D. All disturbed areas are delineated with dates of reclamation, status, etc.

3. Notify the Division 3 months in advance of vegetation sampling for PHASE II and PHASE III Bond Release to confirm adequacy of sampling methodology and schedule sampling dates.

This item is not applicable to this application. This application only applies to Phase I bond release.

4. The specific reclamation treatments, areas, and work accomplished which is to be considered for bond release. Reference the pages or sections where postmining topography, drainage control, vegetation, intended land use, etc., are contained in the Mining and Reclamation Package.

Refer to the Des-Bee-Dove Mining and Reclamation Package, Appendix XIV and Appendix XV (separate volumes of the Mining and Reclamation Package). Final Reclamation has been completed on all areas of the Des-Bee-Dove Mine site. These areas include the Pumphouse area (completed 11/1999), remote portals (completed in 7/2000), Mine site proper (Phase 1 completed 5/2002, Phase 2 completed 6/2003), and Sediment Pond (completed 1/2006). Live planting on the Phase 1 and Phase 2 areas is scheduled for spring or fall of 2006 to complete these projects. 1500 pinyons and 1500 junipers will be planted at that time.

The specific areas in which bond release is being applied for is the Phase 1 and 2 areas, and the Pumphouse area or 29.52 acres. Refer to Appendix Volumes XVI and XV for Phase 1 and 2 reclamation plan. Refer to Volume 5, Appendix IV for the Pumphouse area reclamation plan.

5. A brief history of mining and reclamation activities indicating when mining operations began and ended and when earthwork and topsoil distribution began and ended.

Final reclamation of the Des-Bee-Dove mine concludes more than 100 years of mining history at this site. Mining at this site began in the late 1880's. Utah, Power and Light purchased the mine in 1972 from the LDS Church and mined nearly 13 million tons of coal until closure in 1986.

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PacifiCorp permanently sealed the portals in 1987. In 1996, notice of intent to reclaim the Des-Bee-Dove mine was submitted to the Division. Emery County expressed interest in keeping the haul road as part of the County's road system. With the cooperation of Emery County and the Division, PacifiCorp received Phase III bond release of the haul road. This area was removed from the disturbed and permit area at that time.

Final reclamation of the mine site began in 1998 with the recontouring of the pumphouse area situated down canyon from the main mine facilities. In 1999, Energy West removed the remaining surface facilities throughout the mine site. Final reclamation of the remote portals was completed in 2000. Phase 1 of the reclamation was completed in May 2002 which entailed the backfilling and grading of the area containing the Little Dove and Beehive portals. Phase 2 reclamation was completed in June 2003 and involved backfilling and grading of the Deseret Mine portals, bathhouse, and storage yard facilities, construction of a drainage channel, and removing and recontouring the mine access road. All topsoil redistribution was complete at this time. Refer to attached map.

Final reclamation of the sedimentation pond was completed January 2006. This area is not being submitted as part of the Phase I Bond Release. As-built maps need to be constructed prior to applying for Phase I release. As these maps are completed, an application will be submitted. Special areas of interest are outlined below.

Highwall Information

In reference to the highwall survey map (CS1660B) in Appendix B of the Engineering Section in Appendix Volume XVI, the only highwall remnants that exist are in the Phase 1 area, specifically the Little Dove Fan, Little Dove Belt, and Little Dove Mine portal areas, as well as the Beehive Fan portal area. There were also two (2) historic portals above the Deseret pad access road (SW portion of map CS1660B) that were not reclaimed. These portals were developed in the early 20th century and left as a historical record of mining in the area. These portals were not utilized by PacifiCorp or UP&L throughout its ownership of the Des-Bee-Dove Mine complex.

The highwall remnants mentioned above remain because of the limitations of the slope stability criteria. The analysis was conducted prior to reclamation of the Phase 1 area. This analysis showed that a stable slope could be constructed to a 2 horizontal to 1 vertical using existing granular materials. The fill to cover the highwalls were constructed in one (1) foot lifts and compacted to an in-place unit weight equal to at least 90% of the maximum laboratory density as determined by ASTM D 1557-91. The fills covered as much highwall as the stability criteria allowed. For instance, if the entire highwall could have been completely eliminated using the required stability criteria, the toe of the slope would have extended over the cliff edge of the Phase 1 area.

The highwalls that were eliminated includes the Beehive portals (main mine portals) and Deseret portals (underground shop and #1 fan). These highwalls were completely eliminated utilizing existing granular material. Fill material was placed to the same extent as that of the native material. The remaining highwalls that were eliminated include the main Desert portals (#2 fan, transfer, belt and main intake). In this area, a plunge pool was constructed to handle the runoff that cascades from the three (3) converging channels above in the Phase 1 area. The highwall was eliminated using large boulder riprap completely covering the portals and coal seam.

Coal Removal Project

In 2000, current permit requirements necessitated that soil sampling be conducted in five-year intervals at designated locations. Soil sampling of these locations had begun in 1985 to form a baseline soils analysis. Sampling continued every five years thereafter comparing the disturbed and undisturbed areas to determine whether surface mining activities were impacting soil quality. Because of the initiation of final reclamation, a decision was made to take additional samples in areas where the potential for soil contamination was high (e.g. coal storage yard, see Figure 1).

Additional sampling was conducted using an 8 in truck mounted auger drill. Samples were to be taken on 2 ft intervals to 5 ft. Three samples would be taken per site; one at 2 ft, one at 4 ft, and one at the extent of the auger hole.

The first sample site was placed on the south end of the tipple/material storage yard. After drilling approximately 3 ft, coal fines begin surfacing from the auger. At 5 ft (full extent of one



Figure 1: Tipple/Material storage yard pad. Approximately 110,000 tons of coal was buried in this pad.

auger length) coal was still evident. Curiosity dictated that the total depth of the coal be known since this was the area in which a designed channel was planned for construction. A total of 65 ft of auger steel (total on truck) was used without finding the bottom extent of the coal. A second sample site was selected approximately 50 ft west of the first site. Similar results were realized.

A decision was made to delineate the volume of coal that apparently had accumulated in this canyon in prior years. Drill holes were placed on approximately 50 ft centers throughout the extent of the tipple/material storage yard. Cross-sections were established and a volume of approximately 110,000 tons of usable coal fines was estimated to be stored in the canyon. In the original reclamation plan, it was proposed to construct a channel through the tipple/material storage yard. However, without the newly obtained drill-hole information, the channel would have been constructed on top of this coal pile. A new plan would need to be developed to remove the coal from the canyon and construct the channel on a more suitable base. Figure 1 shows the extent of the buried coal within the storage yard.

In 2001, PacifiCorp obtained permission from UDivision of Oil, Gas, and Mining to remove the coal from the canyon and completely revise the reclamation plan. Coal removal took approximately four months to complete and removed approximately 108,000 tons of high Btu, low ash coal from the canyon. All spoil from this project (approximately 17,000 cy) was stored on the bathhouse pad and used as fill in that area. As the coal removal project was taking place, PacifiCorp simultaneously began revising the entire Des-Bee-Dove Mine reclamation plan. The reclamation plan was designed in two separate phases. Phase 1, the upper mine facilities, and the Phase 2, the tipple, bathhouse and yard facilities.

Filling of Ventilation Shaft

In 1987 the fan entry into the Beehive Mine was sealed. The seal was constructed using solid concrete blocks. The ventilation shaft access the coal seam from above. The depth of the shaft was approximately twenty (20) feet which included the height of the coal seam. Upon backfilling and grading activities during reclamation, the concrete foundation pad of the Beehive fan was broken up and disposed of in the shaft. Rock material was also introduced into the shaft to fill the shaft. The final layer was filled with granular material and soil.

Changes in Disturb Boundary

The disturbed boundary shown on the submitted maps are those boundaries after the completion of reclamation. They differ slightly from the operational boundary shown in the approved reclamation plan of Appendix Volumes XVI and XV. The disturbed boundary had changed because of the need to "blend" the reclamation work with the existing topography. This blending resulted in going outside the operational boundary, enlarging the total disturbed boundary.

To differentiate between the AML reclaimed lands and Energy West reclaimed lands, Drawing 1 has been amended to show all AML reclaimed lands bounded with a magenta colored line.

6. Dates of last seeding, rill and gully repair or other augmentative practices, and references to approval for the husbandry practices occurring during the period of extended responsibility.

Seeding was completed contemporaneously with backfilling and grading. Dates can be found on the Bond Release Area Map. Partial planting of live stock was initiated at the completion of Phase 2 reclamation. These procedures entailed planting approximately one-half of the stock required by the reclamation plan in the Phase 1 and Phase 2 areas. The remainder of the live stock is scheduled to be planted in the spring or fall of 2006. No planting of live plant stock was conducted in the Pumphouse Area.

7. Remaining sediment control structures (ponds, silt fences, straw bales) and diversions to be removed and any release of refuse piles and ponds from MSHA requirements.

No sediment control structures remain for removal as part of the Des-Bee-Dove final reclamation.

8. A detailed schedule and construction estimate for the remaining reclamation work to be accomplished. The cost estimate shall include, but not limited to, cost for remaining reclamation treatments; revegetation; diversion and sediment pond removal; access road removal; vegetative, water, and other monitoring requirements; surveys or studies to determine reclamation success; maintenance costs; and engineering and contingency costs and any reclamation that may be needed to bring the site to the premining land use should the proposed post mining land use fail.

It had estimated that the cost to reclaim the sedimentation pond would be approximately \$115,388.00 which includes revegetation, diversion and sediment control structure removal, access road removal, engineering, and any other cost associated with this project. A detailed estimate is given below:

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Cost Estimate for Remaining Reclamation (Phase 3)

Direct Costs		
Sediment Pond		
Subtotal Demolition and Removal	\$0.00	
Subtotal Backfilling and Grading	\$73,000.00	
Subtotal Revegetation	\$18,000.00	
Direct Costs	\$91,000.00	
Sediment Pond		
Indirect Costs		
Mob/Demob	\$9,100.00	10.0%
Contingency	\$4,550.00	5.0%
Engineering Redesign	\$2,275.00	2.5%
Main Office Expense	\$6,188.00	6.8%
Project Management Fee	\$2,275.00	2.5%
Subtotal Indirect Costs	\$24,388.00	26.8%
Total Cost	\$115,388.00	
Escalation factor		0.0289
Number of years		5
Escalation	\$17,666.00	
Reclamation Cost Escalated to 2008	\$133,054.00	

Final reclamation of the sedimentation pond was completed on January 31, 2006. This area is not being submitted as part of the Phase I Bond Release. As-built maps need to be constructed prior to applying for Phase I release. As these maps are completed, an application will be submitted.

9. A summary of the current bond amount, total disturbed area acreage, and the acreage, locations, dates and amounts of bond released for Phase I, Phase II, and Phase III reclamation.

Currently, a surety bond is filed with the Utah Division of Oil, Gas and Mining in the amount of \$1,837,712.00 and is payable to the State of Utah, Division of Oil, Gas and Mining, and the Office of Surface Mining Reclamation and Enforcement. PacifiCorp requests that the bond liability amount for the Des-Bee-Dove mine site (Phases 1 and 2) and pumphouse area be reduced by 60%. Total disturbed area of all reclaimed areas (including Phase 1 area - 4.6 acres, Phase 2 area - 23.3 acres, Pumphouse area - 1.62 acres, and Phase 3 area - 9 acres) is approximately 38.5 acres. The bond for these specific areas equal \$1,113,324.00. Reducing this amount by 60% is equal to \$445,330.00. Total surety bond held for all of the Des-Bee-Dove Mine will be reduced to \$1,169,718.00 at the completion of the Phase I Bond Release.

Section 5, II, B, 1-6:

PHASE I BOND RELEASE - Bond release for PHASE I may be considered only after the applicant demonstrates and the Division is satisfied that all the reclamation requirements for backfilling, regrading and drainage control measures for PHASE I are met. This phase may include topsoil replacement.

For PHASE I bond release, the following information must be included in the bond release package or reference in the Mining and Reclamation Package.

1. All applicable information required in: BOND RELEASE REQUEST (ALL PHASES)

This information is given above in Section 5, II, A, 1-9. A map showing the permit area is presented in Attachment D

2. A map illustrating the “as-built” topography (refer to : PRIOR TO BOND RELEASE REQUEST)

Refer to maps in Attachment D.

3. Postmining Contour Topographic Maps (no smaller than 1"=500') showing detail including:

- a. **Postmining hydrologic features including restoration of natural drainages. It should also show ponds, diversions, wells and monitoring sites to be removed at PHASE II,**
- b. **Cross sections showing important topographic features including but not necessarily limited to, approximate original contour, road, etc.,**
- c. **Dates of backfilling and grading activities,**
- d. **Dates of topsoil replacement,**
- e. **Topsoil replacement depths.**

Refer to maps in Attachment D.

4. Overburden chemical analysis results, and discussion on potential adverse affects on plant growth or water quality.

Overburden chemical analysis is not applicable to this application.

5. Evaluation of topsoil or substitute soil including chemical and physical analysis and replace depths (if included in this phase of bond release).

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Refer to Appendix XIV, Phase 1 Reclamation Plan, R645-301-200: Soils, Appendix C, Substitute Topsoil Assessment (E.I. S. 2002).

One additional set of soil samples were taken as part of the reclamation in the Phase 2 area. A chemical analysis of the material below the reconstructed channel was conducted for the soils in Station 1+00 through 8+00. Chemical analysis was not incorporated in the approved permit. Therefore, the chemical analysis information is submitted as part of the Phase I bond release application to document this material. The analysis sheet is found in Attachment E.

6. Evaluation of subsoil including analysis and replacement depths (optional).

The analysis of this material is included in Appendix XIV, Phase 1 Reclamation Plan, R645-301-200: Soils, Appendix C, Substitute Topsoil Assessment (E.I. S. 2002). Replacement depths were not recorded of this material.

PacifiCorp

Energy West Mining Company

Des Bee Dove Mine

C/015/0017

Phase I Bond Release Application

Attachment A - C1 Form

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: PacifiCorp

Mine: Des Bee Dove Mine

Permit Number: C/015/0017

Title: Deficiency Response to the Application for Phase I Bond Release for the Reclaimed Areas of the Des Bee Dove Mine Site, PacifiCorp, C/015/0017/ Task ID #2411

Description, Include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ increase decrease.
2. Is the application submitted as a result of a Division Order? DO# _____
3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
4. Does the application include operations in hydrologic basins other than as currently approved?
5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
6. Does the application require or include public notice publication?
7. Does the application require or include ownership, control, right-of-entry, or compliance information?
8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
9. Is the application submitted as a result of a Violation? NOV # _____
10. Is the application submitted as a result of other laws or regulations or policies?

Explain:

- 11. Does the application affect the surface landowner or change the post mining land use?
12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
13. Does the application require or include collection and reporting of any baseline information?
14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
15. Does the application require or include soil removal, storage or placement?
16. Does the application require or include vegetation monitoring, removal or revegetation activities?
17. Does the application require or include construction, modification, or removal of surface facilities?
18. Does the application require or include water monitoring, sediment or drainage control measures?
19. Does the application require or include certified designs, maps or calculation?
20. Does the application require or include subsidence control or monitoring?
21. Have reclamation costs for bonding been provided?
22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Charles A. Semborski
Print Name

Charles A. Semborski Geology/Permitting Supervisor 4-27-06
Sign Name, Position, Date

Subscribed and sworn to before me this 27th day of APRIL, 2006

Notary Public

My commission Expires:

Attest: State of UTAH 11-23, 2008 } ss:
County of EMERY



RECEIVED

MAY 01 2006

DIV. OF OIL, GAS & MINING

For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining
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Form DOGM- C1 (Revised March 12, 2002)

PacifiCorp

Energy West Mining Company

Des Bee Dove Mine

C/015/0017

Phase I Bond Release Application

Attachment B - Draft Notification Letter



PO Box 310
Huntington, Utah 84528

DATE

Interested Party
Street Address
City, State, Zip code

Dear Interested Party:

This letter is sent to inform you that Energy West Mining Company, a subsidiary of PacifiCorp, has filed an application for Phase I bond release of the Des Bee Dove Mine site, Permit Number C/015/0017. The purpose of this action is to commence responsibility release procedures for this area. Currently, a surety bond is filed with the Division of Oil, Gas and Mining in the amount of \$1,837,712.00 and is payable to the State of Utah, Division of Oil, Gas and Mining (DOG M), and the Office of Surface Mining Reclamation and Enforcement (OSM). PacifiCorp requests that the bond liability amount for the Des Bee Dove mine site and pumphouse area be reduced by 60%. The bond for these specific areas equal \$1,113,324.00. Reducing this amount by 60% is equal to \$445,330.00. Total surety bond held for all of the Des Bee Dove Mine will be reduced to \$1,169,718.00 at the completion of the Phase I Bond Release.

This parcel of land contains approximately 29.5 disturbed acres and is contained in the E $\frac{1}{2}$ of Section 26 and the W $\frac{1}{2}$ of Section of 25, Township 17 South, Range 7 East, SLBM. The permit area originally encompassed approximately 2,760 acres. In 2001, the permit boundary was reduced to approximately 154 acres.

Utah Power & Light mined nearly 13 million tons of coal from the time of purchase in 1971 until the portals were permanently sealed in 1987. Yearly coal production peaked in 1982 at 1.2 million tons.

The final reclamation of the Des Bee Dove mine concludes more that 100 years of mining at this site. Final reclamation began in 1998 with the recontouring of the pumphouse area situated down canyon from the main mine facilities. In 1999, Energy West removed the remaining surface facilities throughout the mine site. In 2000, two remote ventilation portals were reclaimed. Phase 1 reclamation was completed in 2002 which entailed the backfilling and grading of the area containing the Little Dove and Beehive portals. Phase 2 reclamation was completed in 2003 and involved backfilling and grading of the Deseret Mine portals, bathhouse, and storage yard facilities, construction of a drainage channel, and removing and recontouring the mine access road. Final reclamation was completed in January 2006.

As required by the State of Utah, R645-Coal Mining Rules (R645-301-880), all adjoining property owners, local governmental bodies, etc, must be notified, informing them of the operators intention to seek release from bond. A public notice will be published in the Emery County Progress commencing on DATE and will run for four (4) consecutive weeks. Comments may be submitted to the Division of Oil, Gas and Mining at an address of 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801.

If you have any questions, or require further information pertaining this bond release application, please feel free to call me at (435) 687-4720.

Sincerely,

Dennis Oakley
Sr. Environmental Engineer

cc Pam Grubaugh-Littig, (DOG M)
Scott Child, (IMC)
file, (EWMC)

Huntington Office:
(435) 687-9821
Fax (435) 687-2695
Purchasing Fax (435) 687-9092

Deer Creek Mine:
(435) 687-2317
Fax (435) 687-2285

PacifiCorp

Energy West Mining Company

Des Bee Dove Mine

C/015/0017

Phase I Bond Release Application

Attachment C - Public Notice

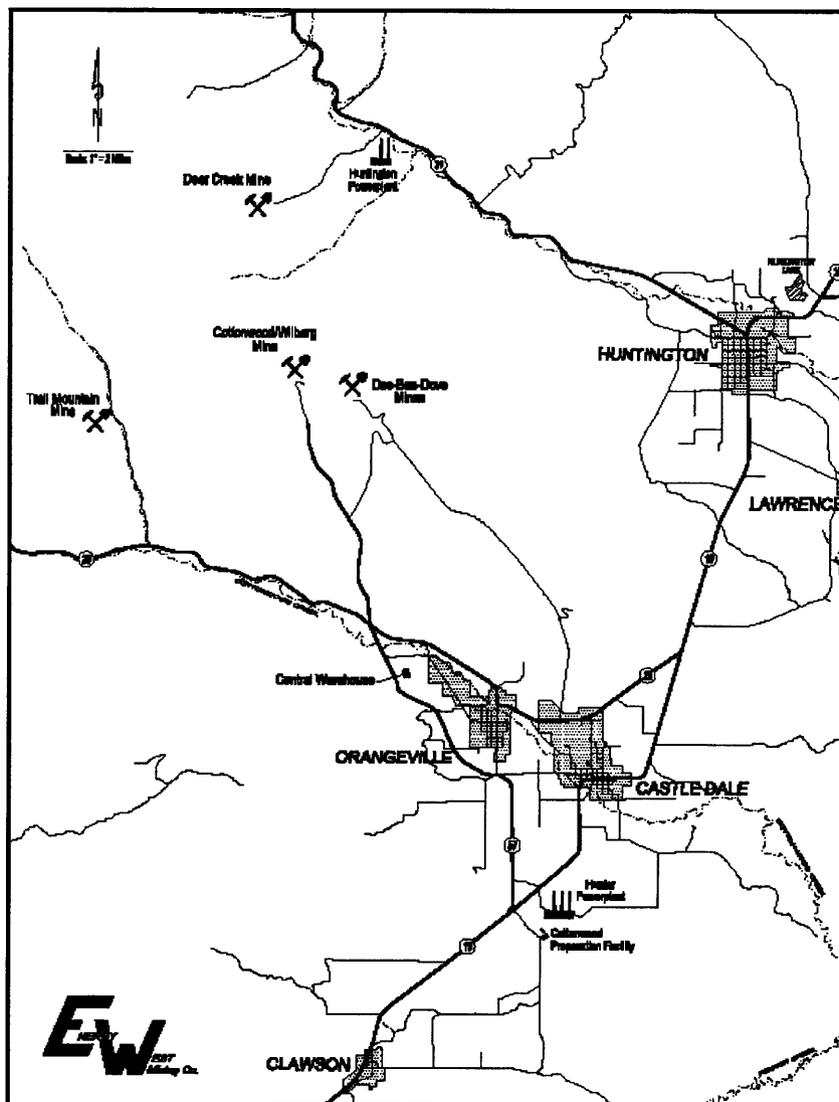
PacifiCorp
Des Bee Dove Mine
C/015/0017
(Permit Approved August 2005)

Phase I Bond Release Application

Energy West Mining Company
P.O. Box 310
Huntington, Utah 84528

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, hereby submits an application for Phase I bond release for the Des Bee Dove Mine site. The said area, located in E½ of Section 26 and the W½ of Section 25, Township 17 South, Range 7 East, SLBM, has met the regulations of the R645 Utah Coal Rules in regards to

Phase I Bond Release (R645-301-880.300). The total acreage proposed for release is approximately 29.5 acres (upper and lower mine and pumphouse area) and is located as shown below.



The Des Bee Dove Mine complex encompasses three separate mines; the Beehive and Little Dove mine portals in the upper or Blind Canyon seam and the Deseret mine portals in the lower or Hiawatha seam. All mine portals were permanently sealed in 1987. In 1997, PacifiCorp submitted a "Notice of Intent" to reclaim all areas of the Des Bee Dove Mine including the haul road. Emery County expressed interest and called for the haul road to be left in place as part of the County road system. In 1998, Phase III bond release was granted

for the haul road. In 1999, the 1.6 acre pumphouse area was reclaimed. In 1999, surface facilities of the upper and lower mine site were removed. In 2000, two remote ventilation portals were reclaimed. The upper mine site reclamation was completed in May, 2002. The lower mine site and access road was completed in June, 2003. The sediment pond servicing this site was completed in January, 2006.

Currently, a surety bond is filed with the Division of Oil, Gas and Mining in the amount of \$1,837,712.00 and is payable to the State of Utah, Division of Oil, Gas and Mining (DOGGM), and the Office of Surface Mining Reclamation and Enforcement (OSM). PacifiCorp requests that the bond liability amount for the Des Bee Dove mine site and pumphouse area be reduced by 60%. The bond for these specific areas equal \$1,113,324.00. Reducing this amount by 60% is equal to \$445,330.00. Total surety bond held for all of the Des Bee Dove Mine will be reduced to \$1,169,718.00 at the completion of the Phase I Bond Release.

A copy of the Phase I application may be examined at the office of the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801. Written comments, objections, or requests for an informal conference may be submitted to the Salt Lake City address. Said comments must be submitted thirty (30) days from the date of the last publication of this notice. This notice is being published to comply with the Surface Mining Control and Reclamation Act of 1977, and State and Federal regulations promulgated pursuant to said Act.

Published in the Emery County Progress for four consecutive weeks beginning DATE.

PacifiCorp

Energy West Mining Company

Des Bee Dove Mine

C/015/0017

Phase I Bond Release Application

Attachment D - Maps

PacifiCorp

Energy West Mining Company

Des Bee Dove Mine

C/015/0017

Phase I Bond Release Application

Attachment E -
Chemical Soil Analysis (Reclaimed Channel Material)

Report ID: 010303036

1633 Terra Avenue
Sheridan, WY 82801

Soil Analysis Report
Energy West Mining Co.

Page 1 of 3

Client Project ID: Des-Ree-Dove

P.O. Box 310
Huntington, UT 84528

Set #0103S03036

Date Received: 03/25/03

Report Date: 04/08/03

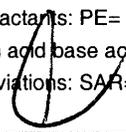
Lab Id	Sample Id	Depths (Feet)	pH s.u.	Saturation %	EC	Calcium meq/L	Magnesium meq/L	Sodium meq/L	SAR
					@ 25°C mmhos/cm				
0103S03036	Station 1+00	0 - 4	7.3	29.1	4.88	24.7	23.2	18.5	3.78
0103S03037	Station 2+00	0 - 4	7.2	32.6	4.04	21.3	29.3	7.54	1.50
0103S03038	Station 3+00	0 - 4	7.2	31.7	6.09	22.0	31.8	27.0	5.20

These results only apply to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2OSol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed By:  _____

Joey Sheeley, Soils Lab Supervisor

Report ID: 010303036

1633 Terra Avenue
Sheridan, WY 82801

Soil Analysis Report
Energy West Mining Co.

Page 2 of 3

Client Project ID: Des-Ree-Dove

P.O. Box 310
Huntington, UT 84528

Set #0103S03036

Date Received: 03/25/03

Report Date: 04/08/03

Lab Id	Sample Id	Depths (Feet)	Coarse	Sand	Silt	Clay	Texture	Field Capacity	Wilting Point
			Fragments %						
0103S03036	Station 1+00	0 - 4	39.9	52.0	30.0	18.0	SANDY LOAM	16.9	10.7
0103S03037	Station 2+00	0 - 4	30.7	36.0	40.0	24.0	LOAM	17.5	12.7
0103S03038	Station 3+00	0 - 4	32.6	50.0	32.0	18.0	LOAM	17.9	11.7

These results only apply to the samples tested.

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Reviewed By: _____

Joey Sheeley, Soils Lab Supervisor

Report ID: 010303036

1633 Terra Avenue
Sheridan, WY 82801Soil Analysis Report
Energy West Mining Co.

Page 3 of 3

Client Project ID: Des-Ree-Dove

P.O. Box 310
Huntington, UT 84528

Set #0103S03036

Date Received: 03/25/03

Report Date: 04/08/03

Lab Id	Sample Id	Depths (Feet)	Total Sulfur %	T.S. AB t/1000t	Neutral. Pot. t/1000t	T.S. ABP t/1000t	Boron ppm	Selenium ppm
0103S03036	Station 1+00	0 - 4	0.12	3.75	296	292	1.32	<0.02
0103S03037	Station 2+00	0 - 4	0.06	1.87	370	368	1.00	<0.02
0103S03038	Station 3+00	0 - 4	0.02	0.62	256	255	2.90	0.02

These results only apply to the samples tested.

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Reviewed By: _____

Joey Sheeley, Soil Lab Supervisor

Report ID: 010303326

1633 Terra Avenue
Sheridan, WY 82801

Soil Analysis Report
Energy West Mining Co.

Page 2 of 6

Client Project ID: Des Bee Dove

P.O. Box 310
Huntington, UT 84528

Set #0103S03326

Date Received: 04/01/03

Report Date: 04/08/03

Lab Id	Sample Id	Depths (Feet)	Coarse Fragments %	Sand %	Silt %	Clay %	Texture	Field Capacity %	Wilting Point %
0103S03326	DBD0803	0 - 4	15.0	59.0	25.0	16.0	SANDY LOAM	18.3	13.0
0103S03327	DBD0903	0 - 4	17.9	65.0	21.0	14.0	SANDY LOAM	17.7	12.5
0103S03328	DBD1003	0 - 4	38.9	65.0	23.0	12.0	SANDY LOAM	15.7	9.7
0103S03329	DBD1103	0 - 4	37.9	62.0	23.0	15.0	SANDY LOAM	16.8	17.1
0103S03330	DBD1203	0 - 4	34.7	63.0	22.0	15.0	SANDY LOAM	15.7	15.0

These results only apply to the samples tested.

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Energy West Mining Co.
P.O. Box 310
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Page 3 of 6

Client Project ID: Des Bee Dove

Set #0103S03326

Date Received: 04/01/03

Report Date: 04/08/03

Lab Id	Sample Id	Depths (Feet)	Total Sulfur %	T.S. AB t/1000t	Neutral. Pot. t/1000t	T.S. ABP t/1000t	Boron ppm	Selenium ppm
0103S03326	DBD0803	0 - 4	0.29	9.06	234	225	2.58	<0.02
0103S03327	DBD0903	0 - 4	0.33	10.3	210	200	2.34	0.02
0103S03328	DBD1003	0 - 4	0.18	5.62	265	259	1.66	<0.02
0103S03329	DBD1103	0 - 4	0.17	5.31	231	226	2.06	<0.02
0103S03330	DBD1203	0 - 4	0.09	2.81	258	255	2.08	0.02

These results only apply to the samples tested.

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Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

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Soil Analysis Report
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Page 4 of 6

Client Project ID: Des Bee Dove

P.O. Box 310
Huntington, UT 84528

Set #0103S03326

Date Received: 04/01/03

Report Date: 04/08/03

Lab Id	Sample Id	Depths (Feet)	pH s.u.	Saturation %	EC	Calcium meq/L	Magnesium meq/L	Sodium meq/L	SAR
					@ 25°C mmhos/cm				
0103S03330	DBD1203	0 - 4	7.1	27.1	5.55	28.6	22.0	24.4	4.85
0103S03330D	DBD1203	0 - 4	7.1	26.9	5.14	27.9	19.4	20.0	4.11

These results only apply to the samples tested.

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Page 6 of 6

Client Project ID: Des Bee Dove

Set #0103S03326

Date Received: 04/01/03

Report Date: 04/08/03

Lab Id	Sample Id	Depths (Feet)	Total Sulfur %	T.S. AB t/1000t	Neutral. Pot. t/1000t	T.S. ABP t/1000t	Boron ppm	Selenium ppm
0103S03330	DBD1203	0 - 4	0.09	2.81	258	255	2.08	0.02
0103S03330D	DBD1203	0 - 4	0.09	2.81	229	227	1.66	<0.02

These results only apply to the samples tested.

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