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ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

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MAY 31 2001
DIVISION OF
OIL, GAS AND MINING

May 23, 2001

Utah Coal Program
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

AMOOD-2

Attn: Daron Haddock: Permit Supervisor, SLC
Jim Smith: Senior Reclamation Hydrologist, SLC
Pete Hess/Steve Demczak, PFO

Re: Revised Volume 9 Hydrologic Section, PacifiCorp, Des-Bee-Dove mines, C/015/017, Deer Creek Mine, C/015/018, Cottonwood Mine, C/015/019

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, hereby submits a revised Volume 9 Hydrologic Section: Appendix A for the following mines: Cottonwood Mine C/015/019, Deer Creek Mine C/015/018 and Des-Bee-Dove mines C/015/017. Revisions to Volume 9 are in response to concerns raised during the review completed on April 23, 2001 (C/015/01-AMD00D-1).

The concerns raised during the review include:

Concern: **R645-301-121.22, 731.214 . - it states on page 11 of Appendix A that East Mountain Rilda Canyon springs will monitored monthly, when accessible, for field parameters. According to Groundwater Hydrology - Reclamation Sampling - Table 2 in Appendix A, these springs will be monitored quarterly for operational parameters, but monitor for field parameters during the eight months is not shown. For clarity, monitoring for field parameters when accessible during the eight months that are not included in the quarterly monitoring should be indicated on Groundwater Hydrology - Reclamation Sampling - Table 2 in Appendix A (quarterly monitoring includes monitoring of field parameters).**

Response: *Volume 9: Appendix A, Groundwater Hydrology - Reclamation Sampling, Table 2 has been revised to clarify field monitoring of Rilda Canyon Springs in the non-sampling months.*

Concern: **R645-301-121.200 - Sections R645-301-764 Sediment Control, R645-301-748, 755, 765 Casing and Sealing of Wells, and R645-301-751 Water Quality Standards and Effluent Limitations, which are on page 177 of the current version of Volume 9, have been omitted from this latest revision.**

Response: *Volume 9, Text Section revision submitted on January 4, 2001 included both a redline/strikeout and clean copy of pages 168-178. As discussed with Jim Smith on May 23, 2001, the redline/strikeout copy, due to word processing formatting did not include the sections listed above (no changes were necessary), but the clean copies provided on January 4, 2001 included the sections listed above on page 178.*

Concern: **R645-301-731.214 . - for well T-18, the wells in Cottonwood and Rilda Canyons, and all springs, Groundwater Hydrology - Reclamation Sampling - Table 2 in Appendix A states that monitoring will be done for three years following cessation of mining or until lease relinquishment, rather than until bond release as stated in the previous version of this table.....**

As discussed with Pam Grubaugh-Littig and Jim Smith, all of the springs currently monitored by Energy West are not within the bonded area, but are within the permit area. To clarify this situation, Energy West has revised Groundwater Hydrology - Reclamation Sampling Table 2, to include the following statement "Spring monitoring will be conducted until permit area reduction approval or unless otherwise approved by the Division."

The following lists the revisions to Volume 9 - Hydrologic Section:

Volume 9 HYDROLOGY ☞ *Replace Appendix A: revised to satisfy deficiencies noted in the Technical Analysis dated April 23, 2001. Four redline copies are enclosed along with seven clean copies.*

Attached are four redline/strikeout copies along with seven clean copies of the amendment with the required C1/C2 forms. One complete (redline/strikeout and clean) copy has been sent to the Price Field Office.

If you have any questions or concerns regarding this submittal, please feel free to contact myself at 687-4720 or Dennis Oakley at 687-4825.

Sincerely,

Charles A. Semborski
Geology/Permitting Supervisor

CAS/cas

cc: Scott Child (InterWest Mining Company) w/o
Carl Pollastro (Energy West Mining Company) w/o
File

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Form DOGM - C1 (Last Revised February 10, 2000)

APPLICATION FOR PERMIT PROCESSING

Permit Change ☐	New Permit ☐	Renewal ☐	Transfer ☐	Exploration ☐	Bond Release ☐	Permit Number: C/015/017,018,019

Title of Proposal: Amendment, Revise Volume 9 Hydrologic Section, PacifiCorp, Des-Bee-Dove mines, C/015/017, Deer Creek Mine, C/015/018, Cottonwood Mine, C/015/019

Mine: Des-Bee-Dove/Deer Creek/Cottonwood

Permittee: **PacifiCorp**

Description, include reason for application and timing required to implement: Revisions to Volume 9: Hydrologic Section - Appendix A

Instructions: *If you answer yes to any of the first 8 questions (gray), this may be a Significant Revision and require Public Notice. Any questions, please call a Permit Supervisor.*

☐ Yes	√ No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres ☐ increase ☐ decrease.
☐ Yes	√ No	2. Is the application submitted as a result of a Division Order? DO #
☐ Yes	√ No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
☐ Yes	√ No	4. Does application include operations in hydrologic basins other than as currently approved?
☐ Yes	√ No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
☐ Yes	√ No	6. Does the application require or include public notice/publication?
☐ Yes	√ No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
☐ Yes	√ No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
☐ Yes	√ No	9. Is the application submitted as a result of a Violation? NOV #
☐ Yes	√ No	10. Is the application submitted as a result of other laws or regulations or policies? Explain:
☐ Yes	√ No	11. Does the application affect the surface landowner or change the post mining land use?
☐ Yes	√ No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
☐ Yes	√ No	13. Does the application require or include collection and reporting of any baseline information?
☐ Yes	√ No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
☐ Yes	√ No	15. Does application require or include soil removal, storage or placement?
☐ Yes	√ No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
☐ Yes	√ No	17. Does the application require or include construction, modification, or removal of surface facilities?
√ Yes	☐ No	18. Does the application require or include water monitoring, sediment or drainage control measures?
☐ Yes	☐ No	19. Does the application require or include certified designs, maps, or calculations?
☐ Yes	√ No	20. Does the application require or include subsidence control or monitoring?
☐ Yes	√ No	21. Have reclamation costs for bonding been provided for?
☐ Yes	√ No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
☐ Yes	√ No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

√ Attach 7 complete copies of the application.

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 — Charles A. Semborski — Geology/Permitting Supervisor — 5/24/2001

Signed - Name - Position - Date

Subscribed and sworn to before me this 24th day of May, 20 01.

Lori Ann Anderson

Notary Public

My Commission Expires: 12/23, 20 01

Attest: STATE OF Utah } ss:

COUNTY OF Emery }

Received by Oil, Gas & Mining

ASSIGNED TRACKING NUMBER

Form DOGM - C2 (Last Revised February 1, 2000)

Application for Permit Processing
Detailed Schedule of Changes to the MRP

Title of Application: Amendment,Revise Volume 9 Hydrologic Section, PacifiCorp, Des-Bee-Dove mines, C/015/017, Deer Creek Mine, C/015/018, Cottonwood Mine, C/015/019	Permit Number: **C/015/017/018/019**
	Mine: Des-Bee-Dove/Deer Creek/Cottonwood
	Permittee: **PACIFICORP**

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
☐ ADD	√ REPLACE	☐ REMOVE	Volume 9: Hydrologic Section, Replace Appendix A
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Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?