

0050



PO Box 310  
Huntington, Utah 84528

November 20, 2002

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

*Response ok*  
*Missing*  
*11/15/02*

**Re: Response to Deficiencies to the Midterm Review, PacifiCorp, Cottonwood/Wilberg Mine, C/015/019-MT02, Emery County, Utah.**

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, hereby submits responses to the deficiencies received from the Division on their technical midterm review of the Cottonwood/Wilberg Mine.

The attached document attempts to answer the deficiencies from the October 30, 2002 TA. The Division's findings will be first listed by regulation and explanation. PacifiCorp will follow by a response in *italics*.

In addition to the deficiency response, Energy West amended the operation plan in the Cottonwood/Wilberg MRP associated with UPDES outfalls. As you are aware, the sediment basin located in Cottonwood Canyon (formerly UPDES UT0022896-002) was reclaimed in June 2002. The UPDES permit for the Cottonwood Mine was renewed November 1, 2002. During the permit renewal process, discharge point 002 was eliminated. Therefore, this discharge point has also been removed from the MRP. See C2 form for explanation.

If you have any questions or concerns regarding this document, please contact myself at (435) 687-4720 or Dennis Oakley at (435) 687-4825.

Sincerely,

Charles A. Semborski  
 Geology/Permitting Supervisor

Encl

Cc: Carl Pollastro  
 File

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DIV. OF OIL, GAS & MINING

J:\Environmental\PERMITS\CottonwoodMine\AMENDMNT\2002\Midterm Review\defrespNov2002.wpd

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

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

Trail Mountain Mine:  
 (435) 748-2140  
 Fax (435) 748-5125

The following responses to deficiencies are formatted as found in the technical analysis document. They are broken down into logical section headings similar to the R645 regulations. In each section, the regulation number along with the associated deficiency is followed by the permittee's italicized response.

## General Contents

### Identification of Interest

**R645-301-112**, Volume one of the MRP needs to include the current ownership and control information.

*In a letter dated September 30, 2002, the Division approved C/015/019-AM00A-2 which included the updated ownership and control information. Energy West has received stamped clean copies of Volume 1, Part 1, Appendix B and has incorporated it into the Cottonwood MRP.*

## Operation Plan

### Hydrologic Information

**R645-301-121.200, -512.100, -512.200**, Location and use of silt fence at the Guard Station needs to be clarified on maps or plans.

*The ASCA area and undisturbed drainage ditch have been refined on Map 3-16, WS449D in Volume 6. The entire area has been resurveyed using GPS technology.*

**R645-301-742.124**, the Sewer Absorption Field covers approximately 3.7 acres, and the ASCA covers 1.25 acres. The permittee must clarify the sediment control measures used on the remaining 2.5 acres.

*The current boundary of the Sewer Absorption Field is the actual boundary of the BLM right of way. The ASCA in this area has been redefined by walking around the disturbed surface with a GPS using line mode. The corresponding area is outlined on Plate 3-18, Map 7704-PP10 in Volume 6. The area calculated at 2.06 acres, and now includes the unaffected island as shown on Plate 3-18. The remaining acreage is undisturbed. Plate 3-18 has been reproduced from the original blue line and amended to show the above described changes. Sediment control at the Sewer Absorption Field is the silt fence (refer to Plate 3-18) and vegetation.*

**R645-301-742.124**, The inspection on September 19, 2002 identified an area on the east side of the road, beginning between the first and second sections of guardrail inside the gate, that is used for access to clean-out the silt fence. This access area is an ASCA, treated by a second silt fence adjacent to and perpendicular to the large one across the drainage. This ASCA must be described in the MRP and shown on appropriate maps.

*The ASCA area and undisturbed drainage ditch have been better defined on Map 3-16. The entire*

*area has been resurveyed using GPS technology.*

Maps, Plans, and Cross Sections of Mining Operations

**R645-301-512.140, -742.124**, the Sewer Absorption Field covers approximately 3.7 acres, and the ASCA covers 1.25 acres. The permittee must clarify the location and outline of the ASCA within the 3.7 acres, and also the sediment control measures on the remaining 2.5 acres.

*This deficiency has been previously discussed.*

**R645-301-512.140, 742.124**, According to Map 3-16 (Drawing WS449D), part of the silt fence at the Guard Station is outside not only the ASCA, but also outside the disturbed area boundary. An inspection on September 19, 2002 revealed several additional discrepancies around the Guard Station between the map and actual locations of siltation structures, permit boundaries, ASCA boundaries, and the boundary between pre-SMCRA and post-SMCRA disturbance. The permittee needs to accurately survey and map these features, and if appropriate, indicate their locations on the ground with signs, stakes, or other markers.

*These issues have been corrected as described in previous deficiencies.*

**R645-301-512.140, 742.124**, An area adjacent to the road, on the east side and beginning between the first and second sections of guardrail in side the gate, is used for access to clean-out the silt fence in the main channel. This access area is an ASCA, treated by a second silt fence adjacent to and perpendicular to the large one across the main channel. The permittee needs to identify this ASCA on appropriate maps in the MRP.

*These issues have been corrected as described in previous deficiencies.*

**R645-301-512.140, 742.140**, To help clarify sediment control measures for the area below the South Pond, the boulder pile below the South Pond, the berm around the boulder pile, and the straw bales at the drop-inlet that filter runoff from these area need to be added to Map 3-16.

*These items have been added to Map 3-16.*

**R645-301-512.140, 742.124**, Map 3-16 shows Plate 3-16 needs to indicate the location of the straw bales at ASCA #6 (Conveyor Bent Pad) and the flow path to the undisturbed channel.

*Map 3-16 has been amended to show the location of the straw bales and the flow path to the undisturbed channel.*



APPLICATION FOR COAL PERMIT PROCESSING

Permit Change [X] New Permit [ ] Renewal [ ] Exploration [ ] Bond Release [ ] Transfer [ ]

Permittee: PacifiCorp - Energy West Mining Company

Mine: Cottonwood/Wilberg

Permit Number: C/015/019

Title: Response to Deficiencies to the Midterm Review, PacifiCorp, Cottonwood/Wilberg Mine, C/015/019-MT02, Emery County, Utah.

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

Deficiencies from mid-term review

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

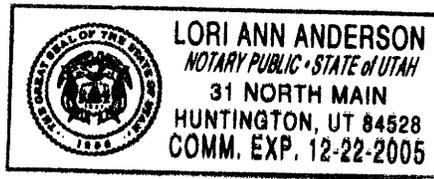
[Signature]

Geology/Permitting Supervisor 11/20/2002
Sign Name, Position, Date

Subscribed and sworn to before me this 20th day of November, 2002

[Signature]
Notary Public

My commission Expires: Utah 12/22, 2005
Attest: State of Utah } ss:
County of Emery



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Form DOGM- C1 (Revised March 12, 2002)