2-0008

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

RECEIVED
OCT 26 1998
DIV. OF OIL, GAS & MINING

October 19, 1998

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

Attn: Daron Haddock, Permit Supervisor

Re: Amendment to Change Text to the Cottonwood Fan Portal Reclamation Plan, Volume 11, PacifiCorp, Cottonwood/Wilberg Mine, ACT/015/019, Emery County, Utah

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, hereby submits an amendment to include the use of a hydromulch as part of the erosional control of the Cottonwood Fan Portal reclamation project.

Erosional control at the Cottonwood Fan Portal area only incorporates the use of curlex blanketing. Because of the recent improvements of hydromulch technologies and noted success at other reclamation sites, Energy West looks to apply hydromulch to the side slopes of the reclaimed areas. Performance and ease of application justify hydromulch techniques as a means to control erosion.

There may be some areas at the site that curlex blanketing might be more beneficial to use, therefore, the reclamation plan should include the use of both techniques as a means to control erosion. The reclamation plan will include a modified Revegetation Techniques section (Biology Section, Page 5-8) that outlines in sequential order the steps taken to establish a successful reclaimed site.

The plan allows for the placement of pure straw mulch to improve soil structure and add organic content to the soil. The straw (2000 lbs/acre) will be gouged, crimped, or plowed into the soil after which the area will be deep pocked to hold moisture on the slope. An approved seed mix will be applied to the soil either by hand or hydroseeded, depending on the conditions encountered. The area will then be hydromulched with a wood fiber mulch at a rate of 2000 lbs/acre. Fertilizer will be either added to the hydromulch or applied by hand (before hydromulching procedure) at the following type and rate:

Type	Rate
Ammonium Nitrate	50 lbs/acre
Triple Superphosphate	75 lbs/acre

At this point, the Revegetation Techniques will be completed.

The following text in the Cottonwood Fan Portal Reclamation Plan, Volume 11 will be modified;

Pages:

Addition/Deletion, Volume 11, Soils Section, Page 6 (highlight/strikeout text)

Addition/Deletion, Volume 11, Biology Section, Page 5-8 (highlight/strikeout text)

Approval to this amendment is requested as soon as possible since backfilling and grading operations will soon be completed. Seven redlined copies are enclosed with this amendment for review. Also, seven clean copies are enclosed to be stamped.

If you have any questions or concerns regarding this amendment, please call me at (435) 687-4720.

Sincerely,

Charles D. Semborski

Chuck Semborski
Geology/Permitting Supervisor

DCO/dco

enclosures

cc: Blake Webster (IMC w/o encl)
Carl Pollastro (EWMC w/o encl)
Dennis Oakley (EWMC w/o encl)
file

J:\PCCOMMON\PCCOMMON\ENVIRONM\PERMITS\CTWMINE\AMENDMNT\1998\HYDROMUL.AMD

Form DOGM - C1 (Last Revised October 21, 1998) File Folder # 3

APPLICATION FOR PERMIT PROCESSING

Permit Change ☒	New Permit ☐	Renewal ☐	Transfer ☐	Exploration ☐	Bond Release ☐	Permit Number: ACT/015/019

Title of Proposal: Amendment to Change Text of the Cottonwood Fan Portal Reclamation Plan, Volume 11, PacifiCorp, Cottonwood/Wilberg Mine, ACT/015/019, Emery County, Utah

Mine: COTTONWOOD/ WILBERG

Permittee: PACIFICORP

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

Instructions: *If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.*

☐ 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. (R645-301-123)

Charles A. Semborski

Charles A. Semborski - Geology/Permitting Supervisor 10/21/98
Signed - Name - Position - Date

Subscribed and sworn to before me this 21st day of October, 1998.

Lori Ann Anderson
Notary Public

My Commission Expires: 12/22, 2001
Attest: STATE OF Utah
COUNTY OF Emery

NOTARY PUBLIC
Lori Ann Anderson
Huntington, Utah 84528
My Commission Expires
December 22, 2001
STATE OF UTAH

Received by Oil, Gas & Mining

RECEIVED
OCT 26 1998
DIV. OF OIL, GAS & MINING

ASSIGNED TRACKING NUMBER

Application for Permit Processing
Detailed Schedule of Changes to the MRP

Title of Application: Amendment to Change Test to the Cottonwood Fan Portal Reclamation Plan, Volume 11, PacifiCorp, Cottonwood/Wilberg Mine, ACT/015/019, Emery County, Utah	Permit Number: ACT/015/019
	Mine: COTTONWOOD/WILBERG
	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 11, Soils Section, Pg 6 (Highlighted text)
☒ ADD	☐ REPLACE	☒ REMOVE	Volume 11, Biology Section, Pages 5-8, (Highlighted / strikeout text)
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

RECEIVED
OCT 26 1998
DIV. OF OIL, GAS & MINING