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

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DIV. OF OIL, GAS & MINING

July 9, 1997

Utah Coal Regulatory Program
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Attention: Robert Davidson

Re: Amendment to Cottonwood Mine Waste Rock Site, Soil Salvaging, PacifiCorp, Cottonwood Mine, ACT/015/019, Emery County, Utah. #2

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, herewith submit an amendment to the New Waste Rock Site. The amendment constitutes soil salvaging along the western and northern slopes of the Waste Rock Site.

Introduction

The Cottonwood Waste Rock Refuse Site was constructed during 1990 and has been utilized for refuse storage since that time. The design, plans and construction of the refuse location called for topsoil and subsoil to be removed and stockpiled in the immediate vicinity. The western and northern slopes of the Waste Rock Site area remained intact without soil removal. As indicated in the MRP (Page 2-6, 2-7 of the Waste Rock Volume) when elevation of the refuse pile rises the material will be pushed towards and tie into the above mentioned slopes. At the same time, a required ditch line for drainage along the perimeter of the north and west slopes will be established. (Typical as shown on drawing CM-10816-WB, Plate 4-4 of the Waste Rock Volume). No provisions were called for to remove surface soil materials as the refuse was spread and tied into the existing slopes. Leveling of the refuse material into the slopes has occurred a number of times. Recently, during an onsite visit by the Division (Robert Davidson, Susan White) a determination was made that "Energy West" should be salvaging the slope materials and stockpiling such for future use.

Field Tests by the Division

Material tests conducted by the Division indicate that the above mentioned slopes should have soil salvaged to a depth of approximately 10" inches. This material was found acceptable for use as subsoil and therefore should be salvaged from this time forth. PacifiCorp is complying with this recommendation. See attached sheets from the Division for test results and directive to

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

provide an amendment to the permit.

Operations

The surface soil material will be salvaged during regular lift leveling operations that require the material to be placed beyond the existing ditch line and against the western or northern slopes. Salvaging of the soil material will be at a depth of approximately 10" inches. The width of material removed will be determined by the depth of the refuse to be leveled to the slope. The ditch line will be reconstructed in compliance with the permit requirements. Each time refuse is leveled to the slopes these parameters will be followed. The salvaged material will be utilized along the outslope of the containment berm if the berm is under construction. Otherwise, the material will be hauled to the subsoil pile and stockpiled for later use. A trackhoe will be used to remove the soil material from the slopes and place the material into 10 wheel dump trucks which will haul material to whichever site is applicable.

Large boulders encountered during material placement will be removed and either stored for rip-rap or placed in the refuse pile.

A new page designated as 2-10.3 of Chapter II, Operations section of the New Waste Rock Site Volume, will be required to incorporate language into the permit that provides for the soil material salvaging.

Revisions to the MRP

Drawing CM-10816-WB, Plate 4-4 of the Waste Rock Volume will be revised to depict the salvage area to be removed. (Typical insert) This is the ditch line typical.

Page 2-7 of the Waste Rock Volume has been revised. Text is highlighted.

Page 2-10.2 of the Waste Rock Volume has been revised. Text is highlighted.

Page 2-10.3 of the Waste Rock Volume is an added page to cover the language revision required for salvaging the material as described above.

To the best of our knowledge, all pages requiring revisions within the MRP or the Waste Rock Volume have been revised.

Reclamation Costs

No additional cost in this area would affect reclamation proceedings. Therefore, this item is not addressed.

If there are any questions or concerns related to this amendment please call or notify Richard Northrup at 687-4822 or Chuck Semborski at 687-4720, Energy West offices.

Sincerely,

Richard Northrup
Env. Eng.

cc: Blake Webster
Carl Pollastro
Chuck Semborski
Barbara Adams (File)