

March 26, 2003

Chuck Semborski, Environmental Supervisor
Energy West Mining Company
P.O. Box 310
Huntington, Utah 84528

Re: Approval of the Revised Permit Area Boundary Maps for Energy West Mining Co.,
Cottonwood/Wilberg Mine, C/015/019-AM03A, Outgoing File

Dear Mr. Semborski:

The above-referenced amendment is approved effective March 26, 2003. A stamped incorporated copy is enclosed for your copy of the Mining and Reclamation Plan.

If you have any questions, please feel free to call me at (801) 538-5325.

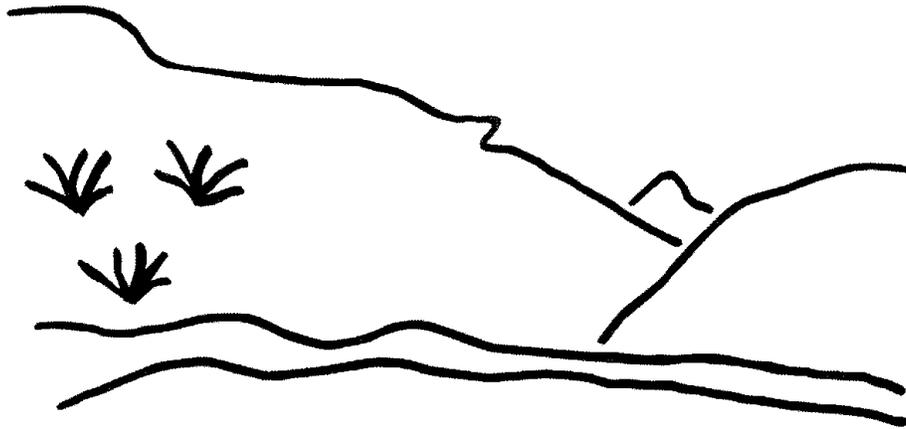
Sincerely,

Daron Haddock
Permit Supervisor

an
Enclosure

cc Ranvir Singh, OSM
Pat Gubbins, BLM
Elaine Zieroth, USFS
Mark Page, Water Rights w/o
Dave Ariotti, DEQ w/o
Derris Jones, DWR w/o
Price Field Office
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State of Utah



Utah Oil Gas and Mining

Coal Regulatory Program

Cottonwood Wilberg Mine
Permit Boundaries
C/015/019-AM03A
Technical Analysis
March 25, 2003

TECHNICAL ANALYSIS

The Division regulates the Surface Mining Control and Reclamation Act of 1977(SMCRA). When mines submit a Permit Application Package or an amendment to their Mining and Reclamation Plan, the Division reviews the proposal for conformance to the R645-Coal Mining Rules. This Technical Analysis is such a review. Regardless of these analyses, the permittee must comply with the minimum regulatory requirements as established by SMCRA.

Readers of this document must be aware that the regulatory requirements are included by reference. A complete and current copy of these regulations and a copy of the Technical Analysis and Findings Review Guide can be found at <http://ogm.utah.gov/coal>

This Technical Analysis (TA) is written as part of the permit review process. It documents the Findings that the Division has made to date regarding the application for a permit and is the basis for permitting decisions with regard to the application. The TA is broken down into logical section headings which comprise the necessary components of an application. Each section is analyzed and specific findings are then provided which indicate whether or not the application is in compliance with the requirements.

Often the first technical review of an application finds that the application contains some deficiencies. The deficiencies are discussed in the body of the TA and are identified by a regulatory reference which describes the minimum requirements. In this Technical Analysis we have summarized the deficiencies at the beginning of the document to aid in responding to them. Once all of the deficiencies have been adequately addressed, the TA will be considered final for the permitting action.

It may be that not every topic or regulatory requirement is discussed in this version of the TA. Generally only those sections are analyzed that pertain to a particular permitting action. TA's may have been completed previously and the revised information has not altered the original findings. Those sections that are not discussed in this document are generally considered to be in compliance.

INTRODUCTION

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On March 3, 2003 the Division received an application from Energy West Mining Company to update 14 maps in the Cottonwood Wilberg MRP. The maps are being submitted as a follow up to the approval of the permit area reduction of the Cottonwood Mine. The approval reduced the permit area from 10,600 acres to 6,886.88 acres. These maps are intended to reflect that change. This memo is intended to include a review of the maps provided.

OPERATION PLAN

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Maps include revised Permit Area Boundaries for;

Volume 3

Plate 1-3, permit area map

Volume 5

Plate 2-15, Vegetation map

Plate 2-15A, Vegetation map, *Hedysarum occidentale* var. *canone*

Plate 2-16, Mine Plan Vegetation Map

Plate 2-17, Soils Map of Permit Area

Plate 2-18, Soils Map Mine Plan Area

Plate 2-19, Land Use Map

Plate 2-19A, Raptor nesting and habitat Map

Plate 2-20, Mule Deer Habitat Map

Plate 2-20A, Elk Habitat Map

Plate 3-1, Life of Mine Plan Map replaces Plate 3-2

Volume 6

Plate 4-4, Subsidence monitoring Overlay Map

Plate 4-5, East Mtn. Spring and Subsidence Location Map

Volume 7 (Appendix volume)

Appendix XV, Hydrologic Area Drainage Map

These maps accurately identify the revised permit area boundaries for the Cottonwood Wilberg Mine.

Findings:

The information provided is adequate to meet the requirements of this section of the regulations.

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