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DIVISION OF
OIL GAS & MINING

015/015 #2

Consolidation Coal Company
Mid-Continent Region
12755 Olive Boulevard
St. Louis, Missouri 63141
(314) 275-2300

September 23, 1991

Mr. Daron R. Haddock
Permit Supervisor
Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center - Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Haddock:

Re: Emery Mine, Permit #ACT/015/015
Application for Permit Change - Permit Amendment

In accordance with Regulation R614-303-200, Consolidation Coal Company requests that Permit #ACT/015/015 be changed at Chapter VII.C.6 to reference the seed mix to be used on topsoil stockpiles and at Chapter VIII.C.3 to revise the contemporaneous reclamation seed mix.

Revegetation efforts on three topsoil and subsoil piles and the pipeline right-of-way created during the construction of Sedimentation Pond #6 and Borehole Pump #3 have for the most part been unsuccessful. Even though erosion does not appear to be a problem, as evidenced by the lack of riles and gullies, vegetative cover has only been established in the protective berm surrounding each pile.

As per conditions contained in the permit approval and the mulching variance for this project, Consol will reseed and mulch the stockpiles and pipeline right of way this fall. Based upon the recommendations of Mr. Paul Baker of your staff, we will apply the contemporaneous reclamation seed mix as shown on the attached revised page 20 in Chapter VIII.C.3 of the renewed permit. Also, page 85 in Chapter VII.C.6 has been revised to specify the application of this seed mix on topsoil stockpiles. At Mr. Baker's suggestion, the seedbed for the stockpiles will be prepared by creating water harvesting depressions that are approximately 6 inches deep and 4 to 5 feet square. The depressions or "gouges" will be randomly placed throughout the surface of the piles. The seedbed for the pipeline right of way will be disced. The seed mix will be broadcast and native hay mulch will be spread. Slopes greater than 10% will receive two tons per acre of mulch and those of less than 10% will receive one ton. Depending on the site, the mulch will be either crimped mechanically or by hand.

Mr. Daron R. Haddock
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Copies of the revised pages are attached for insertion into the renewed permit application package.

Please call Richard Denning at (314) 275-2424 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin L. Cheeks". The signature is written in a cursive style with a large initial "K".

Kevin L. Cheeks
Supervisor
Environmental Quality Control

KLC;rjd:vms

Attachments

cc: Paul Baker, Dept. of Oil, Gas & Mining

VII.C.6 UMC 817.23 TOPSOIL: STORAGE

Refer to Chapter III.A.2 - TIMING, SEQUENCE AND BONDING for the reclamation time table concerning the stockpiling of topsoil.

Stockpiled materials shall be selectively placed on a stable surface area within the surface operations area, not disturbed, and protected from wind and water erosion, unnecessary compaction, and contaminants which lessen the capability of the materials to support vegetation when redistributed.

The topsoil stockpile and disturbed area will be seeded the first normal period after removal using the contemporaneous reclamation seed mix in Chapter VIII.C.3. Unless approved by the Division, stockpiled topsoil will not be moved or disturbed until required for redistribution on a disturbed area.

It should be noted that a portion of the existing subsoil stockpile S-1 overlaps the proposed clean coal storage area of the preparation plant area on the operations plan map. This conflict will be resolved prior to construction of the preparation plant facility by utilizing the stockpile in reclamation at the earliest possible time. The respread depth and respread location will be provided to the Division prior to initiating any reclamation. If it is not possible to utilize the stockpile prior to construction of the preparation plant facility, final disposition of the stockpile will be determined in consultation with the Division.

VIII.C. DEMONSTRATION OF COMPLIANCE WITH PERFORMANCE STANDARDS

VIII.C.1 UMC 783.19 VEGETATION INFORMATION

Vegetation information is provided in this chapter starting with VIII.A.1 ENVIRONMENTAL BASELINE DESCRIPTION and finishing with a review of PLATE VIII-1.C, VEGETATION AND LAND USE MAP.

VIII.C.2 UMC 783.24 MAPS: GENERAL REQUIREMENTS

Refer to Plate VIII-1 for the location of the following reference areas:

- Mixed Desert Shrubland
- Greasewood
- Riparian Meadow

VIII.C.3 UMC 817.100 CONTEMPORANEOUS RECLAMATION

Consol will revegetate any disturbed areas as contemporaneously as practicable. The seed mix to be used for contemporaneous reclamation will be our arid mix described below.

<u>Species</u>	<u>Minimum Pounds of Pure Live Seed/Acre</u>
Blue Grama	0.75
Streambank Wheatgrass	4.0
Alkali Sacaton	0.25
Winterfat	2.0
Fourwing Saltbush	4.0
Shadscale	4.0
Yellow Sweet Clover	1.0
Scarlet Globemallow	0.5
	<u>16.5</u>