

The CONSOL logo features the word "CONSOL" in a bold, sans-serif font inside a dark, rounded rectangular box. Above the box, there are two small black circles. To the right of the box, there is a thick, horizontal black bar.

Consolidation Coal Company
Mid-Continent Region
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DIVISION OF
OIL, GAS & MINING

July 10, 1990

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

Re: 4 East Portal Site
Emery Mine, Amendment to Permit ACT/015/015

Dear Mr. Haddock:

In response to your letter of June 1, 1990, we have made revisions to the above referenced amendment and eight (8) sets of revised pages are attached.

The deficiencies will be resolved as follows:

1. Depth of topsoil redistribution; procedures and techniques utilized to maximize excavation and storage of suitable growth medium; methods employed to exact topsoil excavation depth. The following has been added to page 13-100:

"Prior to portal and diversion excavation, the area will be checked for topsoil thickness. Once the thickness is determined, depth stakes, thickness maps or similar measures will be used to ensure total recovery. All topsoil will then be removed and stockpiled on the west side of the site. The topsoil stockpile will be seeded, mulched and crimped, and a berm will be constructed around the perimeter. The seed mixture for temporary and contemporaneous reclamation, included in the June 23, 1983 ACR responses, will be used. When the site is reclaimed, the topsoil will be respread to a minimum depth of six (6) inches."

Page 13-103 has also been revised to show that all of the topsoil will be picked up.

Mr. Daron R. Haddock
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2. Topsoil mass balance; plans to amend volume deficiencies. The following has been added to page 13-103:

"The topsoil pile will be surveyed to determine the yardage and an average respread depth can then be determined. We do not anticipate a topsoil deficiency; however, if one exists following the survey of the stockpile, the Division will be notified and a plan will be developed."
3. Acid and toxic forming materials. The high Boron concentration is in the material below the coal seam and we do not intend to excavate this material. Boron toxicity potential is covered on page 13-96. The analytical information on page 13-99 and the discussion on page 13-96 shows that we do not expect to encounter any acid or toxic forming materials.
4. Bonding requirements. Our bonding company is preparing an amended bond to include the 4 East site. Upon receipt, we will forward it to the Division.
5. Certification for designs and drawings. An updated certification form is enclosed to cover all of the designs and drawings.

Eight copies of the revised pages are enclosed to go along with the material that was submitted on March 29, 1990.

Sincerely,



William J. Dunn
Senior Engineer

/vms

Attachments