

March 10, 2003

TO: Internal File

FROM: Wayne Western, Team Lead

RE: Revised Mine Plan, Consolidation Coal Company, Emery Deep Mine, C/015/015, AM02E-1

**SUMMARY:**

On December 12, 2002, the Division received amendment AM02E for the Emery Deep Mine. The amendment deals specifically with a modification of the mine plan. The Division found the original submittal deficient and on February 11, 2003 the Permittee resubmitted the amendment.

**OPERATION PLAN**

**SUBSIDENCE CONTROL PLAN**

Regulatory Reference: 30 CFR 784.20, 817.121, 817.122; R645-301-521, -301-525, -301-724.

**Analysis:**

**Subsidence Control Plan**

A subsidence control plan for the Emery Deep Mine was developed before the new mine layout. The approved subsidence control plan shows areas where subsidence was not permitted due to alluvial valley floors, stream buffer zones or structures. See Plate V-5 for details.

The Permittee submitted revised maps, including Plate V-5, Subsidence Monitoring Points and Buffer Zones. That map shows the alluvial valley floor and stream buffer zones along with the subsidence monitoring points. The Division reviewed the maps and found them to be adequate for showing where subsidence will occur.

**TECHNICAL MEMO**

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The mine projects show areas outside the permit boundaries. The Division assumes that no mining will take place outside the permit boundary. The mine plan show is based on the assumption that additional areas will be permitted. The Division will accept this standard practice.

**Findings:**

The information provided in the Amendment AM02E-1 is considered adequate to meet the minimum requirements of the subsidence regulations.

**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:**

**Mine Workings Maps**

Plate IV-2, UG Operations Plan, shows the locations and extent of the known mine workings of the proposed operational areas and inactive or abandoned underground mine workings. In addition, the Permittee also included area of future mining. Some of the areas of future mining appear to be outside the permit boundary.

**Certification Requirements**

James Hinz, a registered profession engineer, has certified the mine map.

**Findings:**

The information provided in the Amendment AM02E-1 is considered adequate to meet the minimum requirements of the maps, plans and cross-sections regulations.

**RECOMMENDATIONS:**

The Division should approve the amendment.