



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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OK

March 26, 2002

TO: Internal File

FROM: Michael J. Suflita, Senior Reclamation Specialist *MS*

RE: Air Quality Approval Order, Co-op Mining Co., Bear Canyon Mine,  
C/015/025-AM02C

**SUMMARY:**

On March 1, 2002 the Division received a proposed amendment to the Mining and Reclamation Plan (MRP) to replace the Air Quality Approval Order with a revised one. This Technical Analysis is a review of the amendment and it contains no deficiencies.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

**AIR POLLUTION CONTROL PLAN**

Regulatory Reference: 30 CFR 784.26, 817.95; R645-301-244.

**Analysis:**

The amendment contains a revised Air Quality Approval Order issued by the State of Utah, Department of Environmental Quality, Division of Air Quality on February 22, 2002. Mr. Richard W. Sprott, Executive Secretary of that organization, signed the cover letter. The reason Bear Canyon Mine applied for a new order is they plan to increase the coal production from 1,100,000 tons per year to 1,950,000 tons per year. This generates more dust and a new order was needed. The order is contained in the MRP as Appendix 11-B.

**TECHNICAL MEMO**

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The order details the sources of coal dust including several crushers, screens, conveyor systems, coal stockpiles, and the loadouts. Included is a discussion of roads generating dust due to truck traffic. A plan is outlined to determine dust conditions based on a maximum of 20% opacity. There is a description of required water spray systems to suppress dust on the roads and coal piles, crushing and screening areas, and several other points of dust generation.

Also included in the amendment are several pages in Chapters 1 and 11 that refer to the coal production amounts and to the Air Quality Approval.

**Findings:**

The amendment meets minimum regulatory requirements.

**RECCOMENDATIONS:**

The amendment can be approved in its present form.