



State of Utah

DEPARTMENT OF NATURAL RESOURCES
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Michael O. Leavitt
Governor

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Division Director

March 10, 2000

To: Internal File

From: Peter Hess, Reclamation Specialist III, Team Lead *PH*

RE: Installation of 10,000 gallon Dust Suppressant Storage Tank, Plateau Mining Corporation, Willow Creek Mine, ACT/007/038-AM00C

SUMMARY:

The permittee is proposing to install a 10,000 gallon bulk storage tank near the main access portal at the Willow Creek Mine. The tank will contain liquid magnesium chloride, or another dust suppression equivalent and will be used, when mixed with water, for the suppression of fugitive dust particles generated on surface and underground haul roads.

TECHNICAL ANALYSIS:

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:

Mining Facilities Maps

The permittee has submitted a revised Map 18B, Willow Creek Mine Surface Facilities Map, which shows the proposed location of the 10,000 gallon magnesium chloride bulk tank as directly south of the concrete retaining wall where the permittee stores mine development waste on a temporary basis. Both are in the vicinity of the Mine's main access portal. The map is P.E. certified by Richard B. White, P.E., EarthFax Engineering.

OPERATION PLANRevised: March 10, 2000

As noted in the cover letter, any spills of the stored material which is not immediately contained will report to sediment pond 001A. It is the permittee's intent to install a permanent containment berm about the tank's perimeter to contain the fluid, should the tank be damaged or subjected to spills from overfilling.

Findings:

Map 18B adequately addresses the requirements of the R645 coal rules, relative to R645-301-521.100, and R645-301-521.120.

RECOMMENDATION:

ACT/007/038-AM00C should be approved as submitted.

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