

# TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

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*JK*

November 1, 2006

TO: Internal File

THRU: Wayne Western, Environmental Scientist/Engineering, and Team Lead *W H W*

FROM: Joseph C. Helfrich, Environmental Scientist/Biology, Cultural Resources and Land use *JCH*

RE: Installation of Ventilation Shaft, Andalex Resources Inc., Centennial Mine, C/007/0019, Task ID #2679

**SUMMARY:**

On October 25, 2006 the Division received an application from Andalex Resources Inc. to install a blowing ventilation shaft at the Centennial mine. The project is intended to facilitate the uninterrupted mining and maximum recovery of the coal by lowering the percentage of methane gas in the mine. This memo will address only those pertinent sections of the vegetation regulations.

**TECHNICAL ANALYSIS:**

## GENERAL CONTENTS

### MAPS AND PLANS

Regulatory Reference: 30 CFR 777.14; R645-301-140.

**Analysis:**

Appendix Y of the application includes the following maps, a plan view, side view, revised surface facilities Plate 6, and revised surface area drainage plate 8.

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**Findings:**

The information provided is adequate to meet the requirements of this section of the regulations.

## RECLAMATION PLAN

### REVEGETATION

Regulatory Reference: 30 CFR Sec. 785.18, 817.111, 817.113, 817.114, 817.116; R645-301-244, -301-353, -301-354, -301-355, -301-356, -302-280, -302-281, -302-282, -302-283, -302-284.

**Analysis:**

The application does not include information that addresses the requirements of these sections of the regulations.

**Findings:**

The information provided in the application is not adequate to meet the requirements of these sections of the regulations, prior to approval the following information must be provided in accordance with:

**R645-301-244, -301-353, -301-354, -301-355, -301-356, -302-280, -302-281, -302-282, -302-283, -302-284,** the application needs to include information that addresses the requirements of these sections of the regulations, or a reference to the appropriate sections of the reclamation plan in the MRP that adequately addresses the requirements of these sections of the regulations. The application should also include a contingency plan for any settling that may occur after reclamation.

### STABILIZATION OF SURFACE AREAS

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

**Analysis:**

The application does not include information that addresses the requirements of these sections of the regulations.

**Findings:**

The information provided in the application is not adequate to meet the requirements of these sections of the regulations, prior to approval the following information must be provided in accordance with:

**R645-301-244**, the application needs to include information that addresses the requirements of these sections of the regulations, or a reference to the appropriate sections of the reclamation plan in the MRP that adequately addresses the requirements of these sections of the regulations. The application should also include a contingency plan for any settling that may occur after reclamation.

**RECOMMENDATIONS:**

The application is not recommended for approval at this time.