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DEPARTMENT OF NATURAL RESOURCES

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FINDINGS DOCUMENT
Utah Coal Regulatory Program

PID:	C0150018
TaskID:	4376
Mine Name:	DEER CREEK MINE
Title:	MIDTERM PERMIT REVIEW

General Contents

Identification of Interest

Analysis:

Meets Requirements

An AVS violation check was conducted for the Deer Creek Mine on July 3, 2013. No violations were retrieved in the system. The Ownership and Control for Deer Creek Mine found in the Legal & Financial Volume of the MRP was updated and incorporated on June 8, 2012. No anomalies were found for Ownership and Control. The information provided meets the requirements of the Utah Coal Rules, R645-301-112.

ssteab

Completeness

Analysis:

Meets Requirements

The plan was reviewed to ensure that the requirements of all permit conditions, division orders, NOV's, abatement plans, and permittee-initiated changes have been appropriately incorporated into the MRP.

The MRP had been adequately updated to reflect changes made by the Utah Coal Program subsequent to permit approval.

The plan contains commitments for application of the best technology currently available (BTCA) to prevent additional adverse environmental impacts.

The permit is in compliance with the special permit conditions.

jowen

Reclamation Plan

Bonding Determination

Analysis:

Meets Requirements

The reclamation bond was evaluated to ensure that coverage adequately addresses permit changes approved subsequent to permit approval and renewal, and to ensure that the bond amount is appropriately escalated in current-year dollars.

The bond currently posted is a surety bond in the amount of \$3,374,000. The principal holder is Travelers Casualty and

Surety Company of America. On April 18, 2012. the bond information was updated and appropriately escalated to current year dollars. The calculated bond amount is within .02% of the required bond and is considered adequate by the Division.

jowen

Environmental Resource Information

General

Analysis:

Meets Requirements

The environmental resource information is located in Chapter 1 of the Mining and reclamation plan. There are no amendments, violations or other pending changes to the environmental resource information. The 2012 annual report was reviewed by the Division and met all requirements.

icampbel

Wildlife Resource

Analysis:

Meets Requirements

In Volume 12, Biology Section, page 3-18 and 3-19, the Permittee lists the water consumption calculations in accordance with the Colorado River Endangered Fish Recovery Program. Typically, mining operations can contribute to water depletion in the following ways: Coal production consumption (or coal moisture loss), surface operation consumption, ventilation, discharge from groundwater into mine workings, and pond evaporation. The programmatic agreement between the US Fish and Wildlife Agency and the Division regarding the Colorado Fish Recovery Program states that water consumption calculations only must be revisited if the mine water consumption changes by 10% or greater. Currently, mine production and development have not changed significantly to require the permittee to recalculate water consumption values.

icampbel

Operation Plan

Hydro GroundWater

Analysis:

Meets Requirements

The groundwater and surface water monitoring plan was updated during January 2012. The plan appropriate covers the currently leased and previously mined areas. The proposed lease modification will require extension of the current monitoring plan to cover those newly leased areas.

khoffman

Hydro SurfaceWater

Analysis:

Meets Requirements

The groundwater and surface water monitoring plan was updated during January 2012. The plan appropriate covers the currently leased and previously mined areas. The proposed lease modification will require extension of the current monitoring plan to cover those newly leased areas.

khoffman

Hydro Exemptions

Analysis:

Meets Requirements

Alternative sediment control areas (ASCA) are in use within the mine disturbed area. The ASCAs are current and were updated during January 2013 and found in Volume 5 Figure 3-9.

khoffman

CHIA

CHIA

Analysis:

Meets Requirements

The Deer Creek lease area is within the East Mountain CHIA boundary. In addition, it appears from visual inspection of available exhibits that the currently proposed Deer Creek lease modification (UTU-06039 & UTU-88554) will also be within the East Mountain CHIA boundary.

khoffman