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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 8, 2016

Kirk Nicholes, Resident Agent
Alton Coal Company, LLC
463 North 100 West, Suite 1
Cedar City, Utah 84720

Subject: Conditional Approval of Drainage Control Modifications for Pit 10 (NOV 21167),
Alton Coal Company, LLC, Coal Hollow Mine, C/025/0005, Task ID #5236

Dear Mr. Nicholes:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by July 22, 2016. Once we receive these copies, final approval will be granted.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan.

If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock
Coal Program Manager

DRH/sqs

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Technical Analysis and Findings

Utah Coal Regulatory Program

July 8, 2016

PID: C0250005
TaskID: 5236
Mine Name: COAL HOLLOW
Title: DRAINAGE CONTROL MODS FOR PIT 10 (21167)

Summary

On June 30th, 2016 the Division of Oil, Gas and Mining (the Division) received the amendment 'Drainage Control for Pit 10' in response to NOV 21167 at the Coal Hollow mine from Alton Coal Development (the Permittee). The amendment is assigned to Task #5236. This is the second round of reviewing drainage in Pit 10. The prior amendment was assigned Task #5180.

Deficiencies Details:

kstorrar

Operation Plan

Hydrologic Water Quality Standards

Analysis:

The amendment meets the State of Utah R645 requirements for Water-Quality Standards.

The amendment adds an additional settling basin in the bottom of Pit 10. This extra settling basin will reduce the amount of suspended sediment picked up by runoff flowing to the bottom of the pit. The realignment of ditches and additional culverts will further reduce the suspended sediment load making to the bottom of the pit.

kstorrar

Hydrologic Diversion General

Analysis:

The amendment meets the State of Utah R645 requirements for Diversions.

The amendment provides a narrative, calculations, and a map detailing the layout of diversion ditches within Pit 10. When velocities are shown to exceed the erosive velocity of 5 fps the amendment provides erosion control solutions to stabilize it such as lining and rip-rapping the ditch.

kstorrar