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State of Utah
DEPARTMENT OF NATURAL RESOURCES
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Technical Analysis and Findings

Utah Coal Regulatory Program

May 11, 2017

PID: C0250005
TaskID: 5442
Mine Name: COAL HOLLOW
Title: REDESIGN PIT 10 SUMP

Operation Plan

Topsoil and Subsoil

Analysis:

This amendment does not affect the soils operation plan. There is no soil salvage required for this revision of Dwg 5-3C Underground Facilities and Structures.

pburton

Hydrologic Sediment Control Measures

Analysis:

The amendment meets the State of Utah R645 requirements for Sediment Control Measures.

The amendment will slightly change the location and shape of the sump in the bottom of Pit 10. This is necessary because of the changing conditions of the highwall at the bottom of the pit. The sump will be shifted to the south, away from the highwall sloughing into the sump in its current location. This redesign will maintain the capacity of the originally approved sump and will allow the sump to filter drainage collected within the bottom of the pit before it is pumped to Pond 3.

kstorrar

Hydrologic Siltation Sedimentation

Analysis:

The amendment meets the State of Utah R645 requirements for Sediment Ponds.

The amendment does not propose to increase the quantity or degrade the quality of water flowing to Sediment Pond 3 from Pit 10. The redesign of the sump will bring it back to design capacities and will increase filtration of collected drainage before it is pumped to Pond 3.

kstorrar

Reclamation Plan

Topsoil and Subsoil

Analysis:

This amendment does not affect the soils redistribution plan.

pburton

Bonding Determination of Amount

Analysis:

The application did not include any changes to the currently approved bonding schedule contained in Chapter 8, Appendix 8-1 and Appendix 8-2. The applicant is currently approved to mine through Pit 11 while maintaining a minimum posted reclamation bond of $12,450,000. The Permittee's current bonding schedule, and discussion with Permittee's engineer, shows a planned increase for minimum posted reclamation bond to $14,600,000 to mine through Pit 13.

bwiser