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FINDINGS DOCUMENT

Utah Coal Regulatory Program

PID: C0250005
TaskID: 4396
Mine Name: COAL HOLLOW
Title: REVISED DD1 & SEDIMENT IMPOUNDMENT 4

General Contents

Permit Application

Analysis:

pburton

Operation Plan

Topsoil

Analysis:

Topsoil Removal and Storage
 Vol. 3 p. 2-9 describes removal of 18 inches from the 0.54 acre expansion and either live haul to Lift #5 or stockpiling on Topsoil Storage site No. 2. The estimated volume of topsoil to be salvaged is 1,300 yd3s (Sec 2.12). Boring B-1 is shown on Map 4 and discussed in MRP Section 2.12, but referencing the MRP location of the drilling log was requested and discussed in a phone conversation on June 21, 2013.

Deficiencies Details:

R645-301-122, In Section 2.12, please reference where the B-1 boring log can be found in the MRP.
 R645-301-121.200, Draw a line around the Lift #4 topsoil storage area on Map 4.

pburton

Hydro Sediment

Analysis:

The amendment proposes to discharge undisturbed area flows to Sink Valley from Diversion Ditch 1 and exclude the disturbed area drainage in Watershed 4 with an exclusionary berm on the edge of Ditch 1. Drawing 5-33 includes a typical

cross section for Ditch 1 and defines the exclusionary berm as ""construct a berm from excess material on west side ditch"". The design dimensions for the berm need to be added to the typical cross section on Drawing 5-33.

Deficiencies Details:

R645.301.742.111 The minimum design dimensions of the exclusionary berm shall be added to the typical cross section on Drawing 5-33.

khoffman

Hydro Siltation Treatment

Analysis:

The amendment proposes to discharge undisturbed area flows to Sink Valley from Diversion Ditch 1 and no longer report this flow to Sediment Pond 4. The amendment includes an exclusionary berm to direct flow to Pond 4. However, Drawing 5-31 includes uncertified corrections to Drawing 5-31.

Deficiencies Details:

R645.301.512.200 Drawing 5-31 is not properly presented as 2.1 acre/ft is crossed out and 3.8 is written in. This drawing shall be properly prepared and certified by a licensed engineer.

khoffman