



Technical Analysis and Findings

Utah Coal Regulatory Program

February 2, 2017

PID: C0410002
TaskID: 5343
Mine Name: SUFCO MINE
Title: WRS SUBSURFACE DENSITY TESTS

Reclamation Plan

Backfill and Grading General

Analysis:

The amendment meets the State of Utah R645 requirements for Backfill and Grading.

The amendment meets the general requirements of R645-301-553 by meeting a general backfill and grading plan that details how disturbed areas will be backfilled and graded to achieve the approximate original contour, eliminate all highwalls, spoil piles, and depressions, and achieve a postmining slope that does not exceed either the angle of repose or such lesser slope as is necessary to achieve a long term static safety factor of 1.3 and to prevent slides, minimize erosion and water pollution both on and off the site, and support the approved postmining land use. The subgraded surface density test results can be found in Appendix VIII and Map 2B shows the location of each site tested. The surface densities met the minimum re compacted density limits established within the MRP.

cparker

Contemporaneous Reclamation General

Analysis:

The amendment meets the State of Utah R645 requirements for Contemporaneous Reclamation.

The requirements of R645-301-553 of backfill and grading are met within the amendment as the Permittee provided subgrade surface density tests in Appendix VIII. Map 2B of Volume 3 was updated to show the location of each of the density test.

cparker

Maps Reclamation Backfilling and Grading

Analysis:

The amendment meets the State of Utah R645 requirements for Reclamation Backfilling and Grading Maps.

The requirements of R645-301-542 are met within the amendment as there is no change to the existing MRP plan of backfilling and grading areas or volumes. Map 2B shows the location of the subgrade density tests completed to fulfill reclamation re-compaction stability requirements.

