



State of Utah

DEPARTMENT OF NATURAL RESOURCES

BRIAN STEED
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 7th, 2019

John Byars, General Manager
Canyon Fuel Company, LLC
597 South SR24
Salina, Utah 84654

Subject: WRS Phase 3 and 4 Construction, Sufco Mine, Canyon Fuel Company, LLC,
Task ID #5974, C/041/0002

Dear Mr. Byars:

The Division has reviewed the recently submitted waste rock composite samples obtained during the phase 3 and 4 construction work at the Sufco Waste Rock Site and recommends conditional approval. Final approval will be granted upon the receipt of two clean hard-copies prepared for incorporation into the approved Sufco Mine mining and reclamation plan (MRP). A stamped incorporated copy will be returned to you for insertion into your copy of the MRP.

Please submit the two clean hard-copies by September 6th, 2019. If you have any questions, please call me at (801) 538-5350.

Sincerely,

Steve Christensen
Coal Program Manager

SKC



GARY R. HERBERT

Governor

SPENCER J. COX

Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

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Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0410002
TaskID: 5974
Mine Name: SUFCO MINE
Title: WRS PHASE 3 & 4 CONSTRUCTION

Environmental Resource Information

Soils Resource Information

Analysis:

The topsoil sampling meets the State of Utah R645 requirements for soil survey characterization. The MRP section 222.400 describes the sampling and analysis of topsoil during its salvage in each phase of waste rock disposal site development. Accordingly, one composite sample was taken of topsoil recovered from Phase 3 and one from Phase 4 area. The two samples were analyzed in June 2019 by Intermountain Labs, Sheridan Wyoming. The analyses describes sandy loam or loam soil, with 20% very fine sand, slightly alkaline pH, with high SAR values of 20.2 and 20. These SAR values are extraordinarily high and do not agree with the chemical characteristics of the soils surveyed in the area in 2014 (Appendix V-A). However, the method of calculation is correct for the units reported (meq/L). The Permittee could resample to confirm these results.

pburton