



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 5, 2018

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

Subject: Conditional Approval of Midterm Completion Response, Alton Coal Development, LLC, Coal Hollow Mine, C/025/0005, Task #5695

Dear Mr. Nicholes:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by August 6, 2018. 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

O:\025005.COL\WG5695 MIDTERM RESPONSE\CONDITIONALAPPROVAL.DOC





GARY R. HERBERT  
Governor  
SPENCER J. COX  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Technical Analysis and Findings

### Utah Coal Regulatory Program

**PID:** C0250005  
**TaskID:** 5695  
**Mine Name:** COAL HOLLOW  
**Title:** MIDTERM REVIEW RESPONSE

#### Reclamation Plan

##### Topsoil and Subsoil

###### *Analysis:*

The MRP meets the requirements of R645-301-241, because the South Lease topsoil handling plan is current as outlined in tables on Dwg 2-2. The location of potential substitute topsoil is also shown on Dwg 2-2 and described in Section 233.100.

At the end of 2017, there remained 120,760 CY of subsoil and 96,681 CY of topsoil stockpiled in the South Lease. The stockpiled soils will be supplemented with substitute subsoil and substitute topsoil to achieve the required rooting depth of 4 foot. An inventory of the acreage of these interim reclaimed areas and potential substitute topsoil volumes are shown on Dwg 2-2. This information supersedes and replaces the Table 1, Balance Sheet dated 2016.

Subsoil (451,183 CY) will be redistributed over a total of 84.4 acres: Pit 10 (22.4 acres) and Pit 10 borrow (62 acres) to an average depth of 3.3 ft. This plan calls for substitute sources of subsoil (Dwg 2.2) which are shown to have good to fair chemical characteristics. The reclamation plan provides for sampling of the cut and fill spoil surface, in order to allow the use of spoil within the root zone (MRP, Section 240 and Appendix 2-4, Table 2-4.14). An additional sampling plan is described in Section 232.500 that will define reclamation characteristics of the substitute topsoil and topsoil.

During final reclamation, the 96,781 CY of topsoil stockpiled in topsoil stockpiles #1 and #2 will be added to 102,998 CY of substitute topsoil recovered from other areas shown on Dwg 2-2. The total volume of 199,679 CY will be used to reclaim 160.9 acres at the

South Lease. The total topsoil and substitute volume will cover the reclaimed area to a depth of 0.7 ft (8 inches). This is the average topsoil redistribution depth for the South Lease stated in MRP Section 240.

In 2017, the Permittee seeded open areas North of Pit 10, around Pond 2 and Pond 3 to provide potential substitute topsoil as described in the plan above.

pburton