



## Technical Analysis and Findings

### Utah Coal Regulatory Program

April 30, 2015

**PID:** C0410002  
**TaskID:** 4884  
**Mine Name:** SUFCO MINE  
**Title:** CONSTRUCT WATERWAY AND REPAVING

### Summary

The application was first submitted in February 2015. The original amendment was found to be deficient in information under: R645-301-121.200,-121.141, -521.170, -527.200-.210,-542.200, -553.100, & -830. The addition information was requested from the Permittee. The application was resubmitted in this task with the appropriate bonding information within the 2014 midterm bond review Task 4869.

The Permittee submitted an amendment to Section 5.3.4.1 that stated how the parking area adjacent to the mine office will be resurfaced. The amendment details how the existing asphalt in the area will be removed so the surface can be regarded to slope to the center of the parking area where a concrete waterway will be constructed. To reflect the changes at the site Appendix 5-11 has an addition of detail showing the paved area.

The recent submission adequately addressed the deficiencies stated in Task 4780 and now meets the minimum requirements of R645-301-521,- 527, -542, and -533. The Division recommends conditional approval pending the resubmittal of figures within Chapter 5 to Appendix 5-11 and pages 5-10 and 5-11 left blank except for text stating "page left intentionally blank".

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### Operation Plan

#### Road System Other Transportation Facilities

##### Analysis:

The Permittee submitted an amendment to Section 5.3.4.1 that stated how the parking area adjacent to the mine office will be resurfaced. The amendment details how the existing asphalt in the area will be removed so the surface can be regarded to slope to the center of the parking area. A concrete waterway will be placed along the center four feet of the parking area. The waterway will be nine inches thick with #4 and #5 rebar placed at intervals 12 inch from center. The resurfacing will included six inches of asphalt, totaling 9,926 square feet of asphalt, 207 linear feet of 4 foot gutter, and 21.3 cubic yards of concrete.

To reflect the changes at the site Appendix 5-11 has an addition of detail showing the paved area. An updated Office Building sheet within Appendix 5-9 was also submitted reflecting the additional concrete demolition in the bond amount.

The Permittee addressed the deficiency of clarity in regards to the Figure's presentation by adding a legend, north arrow, and scale bar. The application meets the minimum requirements of R645-301-121.200, -1221.141.

The Permittee resubmitted a correct and update Chapter 5 Table of Contents that lists all the relevant appendices and drawings.

The Permittee also address the Division's concern about all of the facility drawings located within one section, Appendix 5-11. The Permittee will move all drawings relevant to the facilities to the appropriate appendix and submit blank pages to replace the figures that were in the text on pages 5-10 and 5-11 with text stating "Page Intentionally left blank." The application meets the minimum requirements of R645-301-121.200, -121.141, and -301-527.

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## **Reclamation Plan**

### **Backfill and Grading General**

#### *Analysis:*

The Permittee describes how the parking area adjacent to the mine office will be regarded to slope towards the proposed waterway at the center and then resurfaced with new asphalt.

To address previous Division deficiencies the Permittee added test detailing narrative of how the surface will be regarded and that the parking lot was constructing in the 1950's. Based of the current information the reclamation cut/fill calculations for the area should remain unchanged with the regarding and surfacing. Due to limited knowledge of the material below the asphalt surface it is uncertain whether an existing untreated base course will be utilized. Existing native material will be used for the construction when its characteristics meet the compaction standards and untreated base course when they do not. The application meets the minimum requirements of R645-301-521.170, -527.200, -542.200 and -553.100 in detailing the site preparation, construction and reclamation of the parking lot.

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### **Bonding Determination of Amount**

#### *Analysis:*

The relevant bonding information has been moved to the Midterm 2014 Review which is currently being reviewed by the Division under Task 4869. The application meets the minimum requirements of R645-301-800

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