

#4329

OK

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

May 2, 2013

TO: Internal File *PHH*

THRU: Ingrid Campbell, Lead *IC*

FROM: Peter Hess, Environmental Scientist III *PHH by S&S*

RE: Update Volume 10, Cottonwood Waste Rock Site, Energy West Mining Company, Cottonwood/Wilberg Mine, C/015/0019, Task ID #4329

SUMMARY:

The Permittee submitted an application on April 25, 2013 to update the formatting of Volume 10, Cottonwood/Wilberg waste rock site mining and reclamation plan to R645 standards.

The application, as it relates to the Chapter 5 Engineering section and the Chapter 8, bonding requirements, consists of heading updates for each of the respective sections in those two chapters of Volume 10, Cottonwood Waste Rock Site. The purpose of this update is to bring Volume 10 into compliance with the requirement mandated under **R645-301-111.400**.

Only changes to Chapter 5, Engineering and Chapter 8, Bonding will be addressed in this technical memo.

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TECHNICAL ANALYSIS:

GENERAL CONTENTS

PERMIT APPLICATION FORMAT AND CONTENTS

Regulatory Reference: 30 CFR 777.11; R645-301-120.

Analysis:

The Task ID #4329 application does not contain minor or significant changes to the text for the sections of Table of Contents, or Introduction (pages 1, 2, and 5 of Chapter 5). Only insignificant changes to these headings for these subsections of the R645 Coal Mining Rules have been submitted.

Findings:

The submitted proposed changes are insignificant and should be approved as submitted. Upon approval of Task ID #4329, Volume 10 will meet the formatting requirements required by R645-301-111.400.

OPERATION PLAN

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

The Task ID #4329 application does not contain minor or significant changes to the text for the sub-sections of Chapter 5 Engineering (i.e., Operation Plan, and Operational Design Criteria and Plans, pages 3, 4, 5, 13 and 14). Only title changes to these sub-sections have been made to update the formatting required under **R645-301-111.400**.

Findings:

The submitted proposed changes are insignificant and should be approved as submitted. Upon approval of Task ID #4329, the Operations sections of Volume 10, Cottonwood/Wilberg active waste rock site will meet the formatting requirements required by **R645-301-111.400**.

RECLAMATION PLAN

GENERAL REQUIREMENTS

Regulatory Reference: PL 95-87 Sec. 515 and 516; 30 CFR Sec. 784.13, 784.14, 784.15, 784.16, 784.17, 784.18, 784.19, 784.20, 784.21, 784.22, 784.23, 784.24, 784.25, 784.26; R645-301-231, -301-233, -301-322, -301-323, -301-331, -301-333, -301-341, -301-342, -301-411, -301-412, -301-422, -301-512, -301-513, -301-521, -301-522, -301-525, -301-526, -301-527, -301-528, -301-529, -301-531, -301-533, -301-534, -301-536, -301-537, -301-542, -301-623, -301-624, -301-625, -301-626, -301-631, -301-632, -301-731, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-732, -301-733, -301-746, -301-764, -301-830.

Analysis:

The Task ID #4329 application does not contain minor or significant changes to the text for the sections of Chapter 5 Engineering (i.e., Reclamation Plan, Reclamation Design Criteria and Plans, and Performance Standards, pages 16, 17, 18, and 19). Only title changes to these sub-sections have been made to update the formatting required under **R645-301-111.400**.

Findings:

The submitted proposed changes are insignificant and should be approved as submitted. Upon approval of Task ID #4329, the Reclamation Plan sections of Volume 10, Cottonwood/Wilberg active waste rock site will meet the formatting requirements required by **R645-301-111.400**.

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

TECHNICAL MEMO

General

The submitted proposed change to this sub-section of Chapter 8 is merely a title update to re-format this section to R645-301-800 standards, as is required under **R645-301-111.400**. This is a minor change and it should be approved as submitted.

A mid-term permit review of the Cottonwood / Wilberg Mine mining and reclamation plan was initiated by the Division on October 20, 2011 (Task ID #3940). An update to the reclamation cost estimate and a determination of the required amount of bond to be posted was completed on June 27, 2012.

There were no changes proposed to the reclamation cost estimate.

The updated reclamation cost estimate is found in Volume 2, Part 4 of the Cottonwood/Wilberg Mine mining and reclamation plan.

Findings:

The submitted title change to the bonding sub-section of the Volume 10 Cottonwood/Wilberg waste rock site (page 1) is insignificant and it should be approved as submitted.

RECOMMENDATIONS:

The Task ID #4329 application, Update Volume 10, submitted April 25, 2013 should be approved as submitted.