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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 4, 2014

Jay Marshall, Resident Agent
UtahAmerican Energy, Inc.
P.O. Box 910
East Carbon, Utah 84520-0910

Subject: Replace Ditches with Culverts, UtahAmerican Energy Inc., Horse Canyon Mine, C/007/0013, Task ID #4712

Dear Mr. Marshall:

The Division has reviewed your application. The Division has identified deficiencies that must be addressed before final approval can be granted. The deficiencies are listed as an attachment to this letter.

The deficiencies authors are identified so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. Please resubmit the entire application.

If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock
Coal Program Manager

DRH/sqs
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Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0070013
TaskID: 4712
Mine Name: HORSE CANYON MINE
Title: REPLACE DITCHES WITH CULVERTS

Operation Plan

Mining Operations and Facilities

Deficiencies Details:

R645-301-526.222; The Division is suggesting that the permittee provide a drawing of the pole configuration to be used at the mine for the transmission of high voltage electricity. The drawing should be included as an appendix to chapter 3 of the current MRP.

jhelfric

Hydrologic Diversion General

Deficiencies Details:

R645-301-742.300 Table 8, of appendix 7-4, shows design summaries of ditches 5a, 5b, and 5c, but a note at the bottom indicates that these ditches will be removed. If these ditches will be removed, the design summary for these sections of ditches should also be removed.

Plate 7-5 displays an undisturbed watershed, UA-6c, but it is not included in the relevant revised tables of appendix 7-4.

Table 2 indicates that DA-15a will be changed to DA-15, but this information has not been updated on plate 7-5. DA-18b is still on plate 7-5 but is no longer in Table 2. The plates and tables should be consistent.

Changes have been made to the disturbed area watersheds, but the sediment yield calculations found on page 45 of appendix 7-4 have not been updated. Please ensure that the correct sediment yield calculations are included in this table.

R645-301-731.700 Plate 7-5 was updated to display changes to culverts and ditches, as well as changes to watershed boundaries at the facility. Plates 7-2, 7-6, 7-6a, and 7-6b should be updated to include relevant updated information as well. Plates 7-2 and 7-6b show disturbed area watersheds that will be outdated if the changes shown on plate 7-5 are approved. Plates 7-6 and 7-6a display sediment pond #1, and its associated features. These maps should be consistent, but currently display differing ditches, inlets and culvert alignments.

R645-301-121.200 As plate 7-5 currently is shown, it is very difficult to view the exact locations of ditches and culverts due to the large amount of information on this plate. This plate should either be clarified or split into multiple plates.

adaniels