

C/007/013 Incoming



**Lila Canyon Project**  
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Utah Division of Oil, Gas & Mining  
Utah Coal Program  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

May 18, 2018

Attn: Daron Haddock  
Permit Supervisor

Re: Lila Canyon Mine C/007/013 Topsoil Text Revision

Dear Mr. Haddock,

Attached you will find 2 clean copies prepared for incorporation for the amendment task ID #5674.

If you have any questions, or need any additional information regarding this submittal, please contact me directly at 435-888-4000.

Sincerely,

  
\_\_\_\_\_  
Karin Madsen  
Engineering Tech  
UtahAmerican Energy, Inc.

**RECEIVED**  
**MAY 23 2018**  
**DIV. OF OIL, GAS & MINING**



**232.410.** This section is addressed in 232.700.

**232.420.** This section is addressed in 232.700.

**232.500.** Topsoil will be considered as the upper 18 inches of soil in most cases. Subsoil ranging in thickness from 12 to 30 inches from cutslope sites will be used as fill material for site development and replaced in an approximate original sequence during reclamation.

In order to verify subsoil depths, soil pedestals or other survey methods will be utilized for proper identification. Pedestals of undisturbed soil will be left at selected locations as reference points to show the type of soil thickness that has been removed from the slope cut areas. Records will be maintained to keep track of what materials are removed and where they are placed (topsoil storage or fill). Pedestals will vary in size depending on depth of cut. They will be designed to maintain stability of the soil column.

These soil pedestals may have to be removed once they have been properly logged to facilitate the mining operation.

An As-Built map will be prepared to show where soil materials have been used as fill material. This will include thickness records for topsoil, subsoil, and substrata. This information will be used to verify subsoil salvage depths according to Salvageable Soils Map Appendix A-2 of Appendix 2-3. This as built map will be incorporated into the Mining Reclamation Plan.

If shale is encountered in the slope cuts, the shale material will be separated from the other soil and returned to or near its original position upon reclamation.

Subsoils that are stored as pad material will be protected by a surface that is covered by asphalt, concrete, or gravel. The subsoil material will be under parking areas, buildings, roads, and storage sites. Precautions will be taken to avoid contamination. In the unlikely event