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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Date: 3/29/91

TO: Daron Haddock, Permit Supervisor

FROM: Priscilla Burton, Reclamation Soils Specialist *PB*

RE: Topsoil Storage Site Stipulation List, Soldier Creek Coal Co., Soldier Canyon Mine, ACT/007/018/91-1, Folder #2, Carbon County, Utah.

R614-301-220. Environmental Description

Stipulation:

1) Prior to approval the applicant must reduce the fenced acreage of the topsoil storage area to incorporate only the actual disturbed area, associated sediment control and access road.

R614-301-222. Soil Survey

Stipulation:

1) Remove the claim that there are no inclusions or separate soil phases at the site from the final submittal.

R614-301-222.100. A Map Delineating Different Soils

Stipulation:

1) Within 30 days submit a corrected Figure 1, Appendix A.

R614-301-222.300. Soil Description

Stipulation:

1) In all future submittals the applicant will ascertain methods used by the laboratory and submit a list of referenced methods.

R614-301-231.100. Description of Topsoil Removal and Storage Methods

Stipulations:

- 1) The embankments of the drainage ditches and road must be mulched at the time of revegetation with the interim seed mix.
- 2) The total acreage of topsoil removal must be mapped and total volumes

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Soldier Creek Topsoil Storage Stipulations - PB

of topsoil removed must be calculated. Both map and calculations must be submitted to the Division for approval prior to construction.

R614-301-232.200. Unsegregated Removal of Topsoil and Subsoil

Stipulation:

Please refer to stipulation #2 under R614-301-231.100.

R614-301-232.400 through 232.420. Justification For Locations of Activity Without Topsoil Removal

Stipulation:

1) Prior to beginning construction, areas of truck travel and subsequent interim revegetation must be designated on a map. The acreage designated for storage of topsoil, topsoil substitutes and landscape boulders must also be shown.

R614-301-234. Topsoil Storage

Stipulation:

1) Within 30 days after completion, as-built drawings of all storage piles must be submitted with acreage and depth figures included.

2) Revise application to state that any further placement of topsoil, after the initial piles are revegetated and stabilized, will necessitate the formation of new topsoil piles to eliminate disturbance to the established piles.

R614-301-242. Soil Redistribution

Stipulation:

1) The gravel road surface will be used as backfill either at the mine site or at the proposed waste rock site. The gravel and road base will not be left at the topsoil storage site.

2) The applicant must commit to incorporating 2T hay/acre and fertilize in the disturbed area to a depth of 2' upon final reclamation (including the access roadway), replacing topsoil where it was removed and discing the entire disturbed area to break up clods and mix layers prior to broadcast seeding.

R614-301-244. Soil Stabilization

Stipulation:

Please refer to stipulation #1 under R614-301-231.100, and stipulation #2 under R614-301-242, and stipulation #1 under R614-301-353.

R614-301-521.100. Cross Sections and Maps

Stipulation:

- 1) Prior to beginning site construction submit a revised Ex. 6.1-2. (2 maps may be required):
 - a) Show rock storage area.
 - b) Reduce permitted area to 2.3 acres - show fence.
 - c) Show area designated for truck travel and interim reclamation.
 - d) Show acreage of topsoil removal prior to construction.

- 2) Within 30 days submit:
 - a) Revise Ex. 6.1-1 showing the location of the site with the area in BLM land use permit #UTU-66132 outlined or otherwise defined as per stipulation 614-301-222.100.
 - b) Revise Figure 1, Appendix A.
 - c) Revise Ex. 6.3-1 to show acreage of topsoil replacement, ripping and seeding.

R614.301-353. Revegetation

Stipulation:

- 1) The applicant must commit to ripping all compacted areas to a depth of 12" prior to mulching and seeding the interim seed mix. The applicant must commit to ripping and seeding immediately following completion of the construction of the storage piles, regardless of season.

R614-301-333. Minimize Disturbance to Wildlife

Stipulation:

- 1) Revise the barbed wire fence design to place the smooth wire on top.