



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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TO: File

FROM: Paul Baker, Reclamation Biologist 

RE: Alternate Contemporaneous Seed Mixture, Consolidation Coal Company, Emery Deep Mine, Folder #2, ACT/015/015, Emery County, Utah

On March 7, 1994, the Division received a proposal from Consolidation Coal Company to add an interim seed mixture to the mining and reclamation plan. This mixture would be an alternative to the current interim mixture that consists mainly of native species. The proposed mixture contains two introduced grasses and one native shrub.

Interim revegetation sites at Emery Deep have had very limited success. Vegetation on the topsoil piles may be mostly from natural invasion, and some areas, such as the topsoil piles near pond six and the old road to borehole one, have almost no non-weedy vegetation. Introduced grasses have established near the pond six topsoil piles, and they may have greater potential to establish quickly and provide some vegetative cover. I believe that the proposed seed mixture meets the requirements of R645-301-353.300 for temporary stabilization.

Although the mixture is presently only proposed for interim revegetation use, it may be "desirable and necessary" (R645-301-353.120) to use these introduced species for final reclamation if the native species cannot be established.

I recommended to Daron Haddock, permit supervisor, that the proposal be approved.

