



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

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May 11, 2000

David Miller, Resident Agent  
Lodestar Energy, Inc  
HC 35 Box 370  
Helper, Utah 84526

RE: Approval of Interim Seed Mix, Lodestar Energy, Inc, White Oak Mine, ACT/007/001-AM00C, Outgoing File

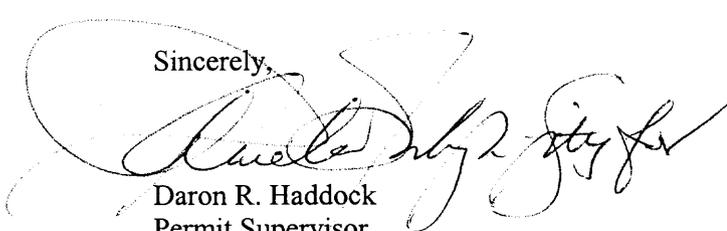
Dear Mr. Miller:

The Division has reviewed and hereby approves your proposal to add an interim revegetation seed mix to the White Oak Mining and Reclamation Plan. Enclosed are a stamped approved copy of the amendment for incorporation and a copy of our technical analysis for your information.

The amendment indicates you might seed on bare ground with no raking or mulch, but the Division strongly recommends against this practice. The regulations do not appear to support a requirement for raking or mulching for interim vegetation establishment; however, you *must* minimize erosion through prompt establishment and maintenance of vegetation on disturbed areas.

Please call me at 801-538-5325 or Paul Baker at 801-538-5261 if you have any questions.

Sincerely,



Daron R. Haddock  
Permit Supervisor

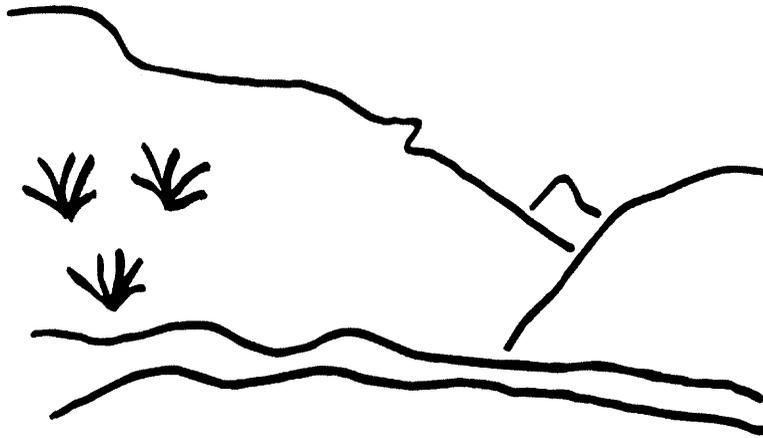
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Enclosure:

Cc: Joe Wilcox, OSM  
Richard Manus, BLM  
Crockett Dumas, USFS  
Mark Page, Water Rights w/o  
Dave Ariotti, DEQ w/o  
Derris Jones, DWR w/o  
Price Field Office

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# State of Utah



## Utah Oil Gas and Mining

### Coal Regulatory Program

White Oak Mine  
Revegetation Mix  
ACT/007/001-AM00C  
Technical Analysis  
May 11, 2000

**INTRODUCTION**

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The mining and reclamation plan for the White Oak Mine does not have a plan for interim vegetation establishment. The proposed amendment is intended to correct this problem.

## OPERATION PLAN

### INTERIM REVEGETATION

Regulatory Reference: R645-301-331

#### **Analysis:**

The applicant has proposed to include a seed mix for temporary revegetation of disturbed areas. The species in this mix are all native (assuming Kentucky bluegrass is native), and all but one are rhizomatous. They are adapted to the site and should provide good erosion control.

The application says the seed may be covered by raking, mulched with straw, or left on the bare surface awaiting natural cover, such as soil slumping or frost heave. While the Division can approve these methods for interim revegetation, leaving seed on the surface is not recommended. As far as possible, the applicant should rake the seed or apply mulch.

The performance standards require that the applicant use the best technology currently available to prevent additional contributions of suspended solids to streamflow. R645-301-331 also requires the applicant to minimize surface erosion through prompt establishment and maintenance of vegetation on disturbed areas. Any areas not being used for operations should be vegetated as well as possible to minimize erosion.

#### **Findings:**

Information provided in the application is adequate to meet the requirements of this section of the regulations.