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To	JOE HALFAKCH	From	SJD
Co.	DESM (COAL)	Co.	PRICE
Dept.		Phone #	
Fax #		Fax #	

ACT/007/033 # 2

Moad District  
 Price River Resource Area  
 900 North 700 East  
 Price, Utah 84501  
 (801) 637-4584

3612  
 UTU-71058  
 (UT-066)

Mr. Jim Carter  
 Utah Division of Oil Gas and Gas and Mining  
 3 Triad Center  
 355 West North Temple  
 Salt Lake City, Utah 84180-1203

FEB - 9 1995

Dear Mr. Carter:

In December of 1994, we received notice that Andalex Resources was issued a cessation order (ACT 007/033, Cessation Order C94-39-1) for mining without a permit. Apparently one of Andalex's subcontractors, East Carbon Constructors (ECCI), had removed borrow material within right-of-way SL-015794 granted to the Utah Railway Company. The material was utilized in the construction of expanded facilities located within the Wildcat loadout facility (Federal right-of-way UTU-48027). Since the subject action occurred on lands administered by the Bureau of Land Management, we prescribed the required reclamation as indicated in the enclosure.

Andalex completed the required seeding, and fertilizing but was unable to mulch the site due to heavy snowfall. On February 8, 1995, the site was mulched according to our guidelines. Andalex Resources has met our reclamation requirements for this site.

If you have any questions, please feel free to contact Mark Mackiewicz of my staff at (801) 637-4584.

Sincerely,

MARK E. BAILEY

Area Manager

Enclosure  
 Reclamation guidelines

✓ cc: Mr. Mike Glasson  
 Andalex Resources Inc.  
 P. O. Box 902  
 Price, Utah 84501

cc: Mr. Steven J. Demczak  
Price Field Office  
Utah Division of Oil Gas and Mining  
1451 E. 400 North C/O CEU  
Price, Utah 84501

cc: Mr. Hank Requiski  
East Carbon Constructors  
P. O. Box 880  
East Carbon, Utah

3612  
UTU-71058  
(UT-066)

**Reclamation Guideline  
Andalex Resources**

1. Andalex shall ensure that slopes do not exceed 3:1.
2. Andalex shall seed the slopes with the seed mixture(s) listed below. The seed mixture(s) shall be planted in the amounts specified in pounds of pure live seed (PLS)/acre. There shall be no primary or secondary noxious weed seed in the seed mixture. Seed shall be tested and the viability testing of seed shall be done in accordance with State law(s) and within six (6) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed shall be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. (Smaller/heavier seeds have a tendency to drop to the bottom of the drill and are planted first. The holder shall take appropriate measures to ensure this does not occur.) Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre noted below are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of the second growing season after seeding. The authorized officer is to be notified a minimum of fourteen (14) days prior to seeding of the project.

**SEEDING MIXTURE**

**See Attached Seeding Mixture**

\*Rate is pounds per acre pure live seed drilled. Rate is doubled if seed is broadcast. Pure Live Seed (PLS) formula: % of purity of seed mixture times % germination of seed mixture = portion of seed mixture that is PLS.

3. **Andalex shall apply fertilizer to all areas to be seeded utilizing the following specifications:**
  - A. **Commercial fertilizer with a formula of 16-16-8 shall be applied at a rate of 200 pounds per acre to the site.**
  - B. **Fertilizer shall be applied not more than 48 hours prior to seeding and cultivated into the upper 3 inches of soil.**
  - C. **Fertilizer shall be broadcast over the soil using hand operated "cyclone-type" seeders or rotary broadcast equipment attached to construction or revegetation machinery as appropriate to slope. All equipment shall be equipped with a metering device. Fertilizer application shall take place prior to the final seedbed preparation treatment. Fertilizer broadcasting operations shall not be conducted when wind velocities would interfere with even distribution of the material.**
  
4. **The holder shall mulch all disturbed areas designated by the authorized officer. The type of mulch shall meet the following requirements. Wood cellulose fiber shall be natural or cooked, shall disperse readily in water and shall be nontoxic. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A colored dye that is non injurious to plant growth may be used when specified. Wood cellulose fiber shall be packaged in new, labeled containers. A minimum application of 2000 pounds per acre shall be applied. A suitable tackifier shall be applied with the mulch at a rate of 40 to 60 pounds**