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July 6, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Susan White, Reclamation Biologist *SW*
RE: 1989 Annual Vegetation Report, Utah Power and Light Company,
Cottonwood/Wilberg Mine, ACT/015/019, Folder #2, Emery County,
Utah

Analysis

Qualitative interim revegetation monitoring was conducted in 1989. The 4th East Road and Fan Portal subsoil and topsoil storage area were all rated as having excellent vegetative establishment.

A test plot was established in November 1989 to test the final seed mixture with various moisture conditions and mulch treatments.

The Cottonwood Fan Portal Area was permanently reclaimed in 1980. First year bond release sampling was done in 1989. In 1990, the owner may request bond release. Preliminary vegetation data indicate that the owner should receive bond release based on vegetation.

The Cottonwood/Wilberg Des-Bee-Dove Waste Rock Site has had contemporaneous revegetation since 1983. Quantitative vegetation monitoring was done in August 1989 on the areas revegetated from 1983 to 1986. A decrease in vegetative cover was found from areas seeded in 1983 to 1986; however, this can be attributed to the decrease in weedy species.

Recommendation

The PAP commits to a quantitative measurement of vegetation on the 9th East Road, the 4th East Road, and the Old Fan Road. The operator should measure these areas in 1990 and report the results in the 1990 annual report.

djh
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