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September 11, 1986

TO: File

FROM: Lynn M. Kunzler, Reclamation Biologist *LMK*

RE: Field Visit to Castlegate Coal Company, Price River Complex, ACT/007/004, Folder #13, Carbon County, Utah

On August 13, 1986, Lynn Kunzler, Kathy Mutz, and Dave Lof met with Richard Allison to examine areas of contemporaneous reclamation.

Goose Island:

The grasses were doing well. The shrubs (transplants) had been heavily browsed last spring, which resulted in a very high mortality. Additional shrub planting or seeding is probably needed to meet shrub stocking levels. A small diversion across the top of the slope had been installed to direct flows into the drainage, thus reducing the erosion potential on the slope. The small amount of disturbance will be seeded this fall.

Hardscrabble Canyon:

This area was examined to determine what species would best be suited for interim stabilization of a reconstructed drainage, berms, and associated disturbance. It was decided that seed mix #3, page 983) of the approved plan would be appropriate with the addition of Sporobolus Cryptandras (sand dropseed).

Schoolhouse Canyon Refuse Pile:

The outslope had been revegetated last fall (1985) with the final reclamation seed mix. Even though Kochia was abundant, the seeded species were doing well. One major problem on this site, that being excessive erosion. Several gullies had formed in excess of nine (9") inches deep. These will need to be regraded. It was suggested that the benches be reworked to or a berm constructed so that runoff would be directed to the side drainages rather than allowed to continue down the slope. It was also suggested that silt fences be installed mid-slope between benches to reduce runoff velocity.

djh

cc: D. Lof
K. Mutz

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