



Date: October 08, 1996

To: Task Force Member

From: Richard Northrup - PacifiCorp/Energy West

Subject: Consensus of the notes taken at the September 11, 1996 Task Force meeting and field test plot evaluation.

CONSENSUS:

ACT/10/15/017 #2
Copy Pam

1. Interim erosion has been minimized at the test plot site, monitoring study indicates some changing in the width, more so than the depth. The operator will continue to monitor the four erosion study sites as previously committed.

2. Test plot evaluation by visual observation, vegetation cover test plot study and soil analysis comparison, all indicate best test plots to be:

1. # 2 plot, coal waste
2. # 4 plot, rocky soil and live earth
3. # 5 plot, coal waste and live earth

The accumulated vegetation, cover and density, as summarized from Dr. Collins report, as outlined during the field inspection, clearly indicate a growth trend for the good, on all plots as outlined above.

3. Future test plots, if required, will consist of three treatments: (in triplicate) # 2 coal waste; # 4 rocky soil and live earth; a combination blend of # 2 coal waste, # 4 rocky soil and live earth; and a control plot, native soil. Location of plots will be randomized.

4. Use of berming, terraces, waterbars and pocking are positive measures and should be utilized during final reclamation and future test plots, in areas where feasible.

5. Design criteria of the waterbar lengths, width and size to be determined before construction. Determine, if possible, failure criteria (how much water containment before failure.) Standard height of berm determined along the crest of the outslope.

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

7. Evaluate slopes above pond for possibility of future test plots. Determine area availability, slope gradient and size of plots that could be established.
8. Seeding would be according to the previous plan parameters, except, only the nursery seed will be used on the future test plots. Parameters will include curlex blanketing, live seed analysis and soil sampling (3 locations.) Same parameters of soil preparation could be used.
9. Determine Live Earth availability, cost and supplier location.
10. Questions concerning plans for Des-Bee-Dove mine as to final reclamation, including haul road, to be answered if possible.
11. Concerns about others requiring use of the haul road, such as Texaco.
12. Task Force to reconvene on April 23, 1997.

This listing is what I perceive to be the group consensus of what took place in the meeting held September 11, 1996 in Huntington Ut. If there is anything I missed, please feel free to call and discuss with me, at 687-4822.

Thank you for your participation and co-operation in this matter, a reminder letter will follow as the above given date approaches.

Sincerely,



Richard Northrup
Env. Eng.