

Document Information Form

Mine Number: C/007/006

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: MAY 19, 1982.

Explanation:

MEMO TO COME FILE.

cc:

File in: C/007, 006, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

May 19, 1982

Memo to Coal File:

RE: Refuse Pile Extension
Topsoil and Subsoil Handling
and Storage Locations
Stipulation 9-22-3
Special Stipulation #6
Plateau Mining Company
ACT/007/006
Carbon County, Utah

On May 10, 1982, Division representatives Tammy Balkenbush and Tom Portle met with Mel Coonrod of PMC at the Plateau minesite. The purpose of the meeting was twofold: (1) to assess a proposed subsoil storage area; (2) to determine the adequacy of PMC's response to the above-mentioned stipulations.

The site viewed is located approximately 1/3 of a mile northeast of the present wash plant. The site can be accessed on foot by following the Utah Railway Company tracks which lead northeastwardly to the proposed site. A road is proposed which will generally begin by cutting through the powder keg material stockpile area (north side of access-haul road). The road will then run adjacent to, but below the tracks before cutting to the east where it will terminate. At this point, subsoil would be dumped to fill this minor drainage. Temporary berms would be constructed below the subsoil storage area to control any runoff during stockpiling.

Other protection measures in progress include:

1. A hydrologic analysis and plan is currently being worked up by Vaughn Hansen to address this activity.
2. Runoff from the drainage above this area would be diverted away by the parallel railroad track beds. Further, a break occurs above the immediate area which causes most of the runoff to go to the north or south thus minimizing any runoff flow in the direction of the proposed site.
2. A stability assessment of the stockpile utilizing cross sections.
3. Pre- and postmining configurations of the drainage to receive soil.
4. Drainage control would consist of a sediment catch basin below the stockpile in concert with berms.
5. Sediment cleaned from this catch basin would be utilized in contemporaneous reclamation efforts probably in association with the refuse pile.

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6. A plan for temporary stabilization of both the subsoil topsoil including protection prior to vegetation establishment.
7. Seed mix(es) to be utilized; plans on shrub import (from refuse extension area or local drainage).
8. Seedbed preparation prior to reseedling.
9. The method in which soil will be dumped including fate of grubbed vegetative materials. The grubbed material may:
 1. be used in conjunction with berms as a sediment filter; or
 2. be burned on-site; or
 3. be transported to an appropriate disposal site.
10. The configuration of the subsoil stockpile will be described. (It is probably that a terraced approach will be utilized to increase stability and enhance the local moisture regime.)

In response to this meeting and to Stipulation 9-22-3, a letter was received by the Division on May 13, 1982, which:

1. Commits to a minimum of 10 inches of soil for the 76 acres to be reclaimed and discussed modification to this as indicated by test plots.

Division Comment:

It was discussed during the meeting that guarantee of a minimum of six inches topsoil and eight inches subsoil might be appropriate. From PMC figures (see April 1982 document entitled "Additional Soil Stipulations Requested by DOGM for Plateau Mining Company Soil Removal and Reclamation Plans") it appears that about two inches of topsoil and 18 inches of subsoil would be available.

NOTE:

PMC commits to purchase of soil off-site if this turns out to be inadequate pending test plot results.

2. States that a person knowledgeable in soil science will be present on the site to determine if material below the 60 inch layer in the PL4 soils type should be salvaged.

Division Comment:

It has been the understanding of the Division that such an individual would be present throughout the soils removal phase of the refuse extension.

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3. State that PMC will apply 16-16-8 analysis fertilizer to facilitate stockpile revegetation.

Division Comment:

Test plot data may be used in the future to determine more optimum fertilizer application rates.

Further rationale and benefits derived are put forth in an April 26, 1982, letter from Mr. Mel Coonrod.

Finally, with regard to Special Stipulation #6, test plot data may be utilized to determine optimum depth of topsoil replacement. PMC, in any event, is committed to a minimum replacement depth of 10 inches. This will be further addressed under one cover in the Division's forthcoming response to "Plateau Mining Company Reply to Special Stipulations" (February 17, 1982).

THOMAS L. PORTLE *TLP*
RECLAMATION SOILS SPECIALIST

cc: Wayne Hedberg, DOGM
Tammy Balkenbush, DOGM

TLP/btb

Statistics:

Vehicle: #EX 45428--285 miles
Per Diem: 2 persons @ \$8.00 = \$16.00
Grant: A & E