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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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February 4, 1998

TO: File

THRU: Daron Haddock, Permit Supervisor 

FROM: Robert Davidson, Soils Reclamation Specialist 

RE: "Punch List" for Division Order 97A, Hiawatha Coal Company, Hiawatha Complex, ACT/007/011-97A, File #2, Carbon County, Utah

TECHNICAL ANALYSIS:

RECLAMATION PLAN

TOPSOIL AND SUBSOIL

Regulatory Reference: 30 CFR Sec. 817.22; R645-301-240.

Findings:

The information provided does not meet the regulatory requirements of this section. Prior to approval, the permittee must provide the following in accordance with:

R645-301-232.720, R645-240, R645-300-133.710, and R645-301-120:

- Consolidate MRP information concerning all soil borrow areas into one table delineating locations, affected acreage, borrow depths, and volumes. Correlate and reference each borrow area with each respective reclamation area.
- Consolidate MRP information concerning all areas receiving soil borrow into one table that delineates locations, receiving acreage, soil placement depths, and volumes. Correlate and reference each reclamation area with each respective soil borrow area.
- Provide updated As-Built for:
 - (1) Pond #4 and Borrow Area "F",
 - (2) Pond 5, Pond 5A, and Borrow Area "A", and

(3) lower reclaimed area in the Prep Plant and associated borrow area. Updated As-Built should contain current status for both reclaimed areas and borrow areas with their affected acreage, depth of soil removal and placement, and resulting volumes in a concise and consolidated table format. Format should allow comparison of volumes of soil removed from borrow areas to amount of soil fill in each reclaimed areas. One of the questions that needs to be addressed is if enough soil remains in Borrow Area "A" to finish reclamation of Pond 5 and 5A.

R645-100-430, R645-301-512.230, R645-301-536, R645-301-553.250, and R645-301-542.730:

- Identify all miscellaneous coal and coal waste materials and there locations. These areas include, but are not limited to, all stray coal piles, wind blown coal fines, coal waste piles, and downcast coal materials that lay outside the slurry ponds and refuse piles (e.g., areas of concern are the upper rail yard, areas within the Prep Plant, and areas of windblown fines outside the slurry piles).
- Consolidate MRP information regarding all miscellaneous coal and coal waste material areas into a table that identifies each area, location, affected acreage and reclamation plans.
- Consolidate all miscellaneous coal and coal waste material to minimize soil resource borrow.
- Table and MRP text should explain and discuss how these materials will be removed or left in place to ensure that final disposal will be suitable for operations, reclamation and post-mining land use.

R645-301-542.100 and R645-301-120:

- Provide a detailed time-line for reclamation of Pond 5 and 5A in conjunction with Soil Borrow Area "A". Since the entire Borrow Area "A" has been opened, the time line will enable the Division to access the timeliness for using soil from the borrow area.