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STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
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4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 9, 1982

Mr. Charles J. Jahne
Environmental Engineer
Sharon Steel Corporation
19th Floor, University Club Building
136 East South Temple
Salt Lake City, Utah 84111

RE: Update, Stipulation Status
Conveyor Modification Approval
Hiawatha Complex, King VI
ACT/007/011
Carbon County, Utah

Dear Mr. Jahne:

This letter is in response to your latest submission of materials pertaining to the King VI stipulated approval. The following is a listing of those stipulations still outstanding:

Stipulation 7-81-2

The revegetation plan submitted June 28, by U. S. Fuel Company is a good, comprehensive plan which satisfies regulatory concerns regarding interim and final revegetation of the King VI road and conveyor areas. With the exception of the following, the plan is complete and Stipulation 7-81-2 will have been adequately addressed when this information is submitted to the Division.

1. In the final revegetation plan, please supply the drill seeding rate for slopes less than 25 percent.
2. Clarify whether or not the transplant of tree and shrub seedlings will be carried out regardless of Phase I success. If not, the Company must still commit to the restoration of riparian areas as per UMC 817.97(d)(5) and is advised to include the transplanted riparian area trees and shrubs as part of Phase I operations.

3. In the final revegetation plan, please supply the anticipated tree and shrub transplant stocking rates. Even though these plants will be "grouped" so as to maximize benefits to wildlife, an average transplant figure on a per area basis is needed.

Approval is hereby granted regarding the use of 10 lbs rye and 10 lbs barley to serve as a nurse crop for interim revegetation.

The Division has also formulated the following recommendations which should be incorporated into the revegetation plan:

- o Due to a very small seed size, it is recommended that the seeding rates for the following species be decreased for both final and interim revegetation efforts:

Kentucky bluegrass (Poa pratensis)--decrease to 0.1-0.2 lbs/ac PLS
Louisiana sagebrush (Artemisia ludoviciana)--decrease to 0.1 lb/ac PLS
Big sagebrush (Artemisia tridentata wyomingensis)--decrease to 0.1 lb/ac PLS

Rubber rabbitbrush (Chrysothamnus nauseosus albicaulis)--decrease to about 0.5 lb/ac PLS

- o Increase the seeding rate of northern sweetvetch (Hedysarum boreale) to approximately two lbs/ac PLS
- o There is no need to seed or transplant trees into the reclaimed sagebrush areas. It is, therefore, recommended that the six lb/ac tree seed be eliminated from these areas and that grass and forb seed be increased by three-four lbs/ac PLS.

Stipulation 7-81-3

By letter dated June 16, 1982, Sharon Steel Corporation committed to include the South Fork Canyon Road in the final reclamation plan.

However, the final reclamation contour map and cross-sectional drawing #R-6 (revised June 16, 1982) does not indicate a design which would correspond accordingly with this commitment.

In order to alleviate possible confusion which might result upon future review of this proposal, the Company should make this section of the plan cohesive. This will require that the text and the designs coincide with each other. The Company should update the map accordingly.

Sharon Steel has also indicated on drawing #R-6, that the footings for the conveyor system and the claim tunnel will be left on-site.

The Division requests justification for leaving the reclaim tunnel and conveyor footings upon cessation of operations versus removal and disposal of these structures pursuant to UMC 817.132(b).

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Stipulation 7-81-5

The areas of concern were to have been completed by June 21 (hopefully) according to a Sharon Steel letter dated June 16, 1982. The major issues (diversions, culverts, straw berms, energy dissipators, etc.) will be field inspected by the Division in the very near future for adequate compliance.

Stipulation 7-81-7

The final as-built embankment slope grades will be submitted to the Division upon completion of the final finish paving of the South Fork Canyon Road. It is our understanding that this construction work will be completed sometime in the near future. The designs must exhibit compliance with UMC 817.152(c), (d) and 817.162(c), (d).

Stipulation 7-81-9

The topsoil deficiencies have not been adequately addressed to date. The Division is waiting for the report under preparation by Bio/West, Incorporated to be submitted by mid-July.

Stipulation 7-81-11

The revised portal sealing design drawing (revision dated June 9, 1982) #R-7 should be adequate to comply with UMC 817.15 and 30 CFR 75.1711, providing no build-up of hydraulic head occurs behind the seals. The Company should make efforts to backfill, regrade and blend the surface topography back to an approximately original contour following block-sealing of the portals.

Stipulation 7-81-12

The Company has adequately addressed the majority of the concerns for this stipulation. However, the Division awaits the decision of U. S. Fuel Company concerning ultimate reclamation of the King VI Mine yard prior to final sign-off on this stipulation.

Bonding

In an earlier response from Sharon Steel Corporation (March 8, 1982) to Stipulation 7-81-2, the Company provided an estimate for reclamation costs pertaining to the King VI conveyor belt modification.

The Division has made a cursory review of these calculations and has developed several questions which will be forwarded as part of the overall review of the MRP for the Hiawatha Complex. The full scale review is scheduled to be initiated in the near future.

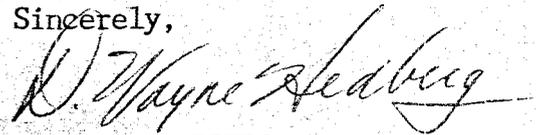
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NAOC #1 of 2 (82-2-5-2)

This notice dealing with design and reconstruction of the sedimentation pond has not been adequately addressed yet. By Division letter, dated June 21, 1982, Sharon Steel Corporation was notified of the major deficiencies.

Should any questions arise pertaining to this review, please call.

Sincerely,



D. WAYNE HEDBERG
RECLAMATION HYDROLOGIST

cc: Shirley Lindsay, OSM
Jim Smith, DOGM
Sandy Pruitt, DOGM
Tom Portle, DOGM
Mary Boucek, DOGM

DWH/btb