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

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June 15, 1982

Mr. John Huefner, P.E.
Civil Engineer
Kaiser Steel Corporation
P.O. Box D
Sunnyside, UT 84539

RE: Kaiser Steel Corporation
Sunnyside Complex
ACT/007/007
Carbon County, Utah

Dear Mr. Huefner:

A partial inspection was conducted at this mine on June 10, 1982. To go over several concerns that were made in a Memo to Coal File, February 9, 1982, by Joe Helfrich and Wayne Hedberg from the Division of Oil, Gas and Mining, and were accompanied by Mr. John Huefner, Civil Engineer for Kaiser Steel Corporation. The main purpose of this trip was to discuss hydrologic problems associated with the slurry ponds, coarse and fine refuse areas, and borrow areas. Ten suggestions and recommendations were made. These were followed up by a visit by Mr. Helfrich on February 10, 1982 to assign time frames for the accomplishment of these suggestions.

On June 10, 1982, Jean Doutre, Oil, Gas and Mining field specialist, made a partial inspection to go over these several concerns as put forth in the Memo to Coal File. These areas were visited with Mr. Huefner to discuss what work was necessary to complete this work.

Number #1, #2, and #3 deal with (1) Good Housekeeping or Cleanup of parts of the Coal refuse and slurry ponds up to the tipple not presently being used for mining activities, (2) remove and properly dispose of all slurry ditch material currently stockpiled along side of the ditch, and (3) consolidate and or remove all unnecessary waste piles and then reclaim those areas.

Mr. Huefner agrees that these are Good Housekeeping and he will accomplish most of these this season. The Coke breeze is sampled by buyers of coal who want to analyze the Coke from this operation and they want to leave this in place.

Number #4 (Eliminate and reclaim one of the two access roads currently traversing the undisturbed area.) At the present time it is not the desire to eliminate either of these roads, as it is used periodically for equipment and personnel.

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Number #5, Establish runoff control below the active slurry pond and the old slurry pond area and from the downslopes along the west side of the slurry ponds. It is felt that this is being accomplished. Runoff west of the new haul road will run down into the field where crested wheatgrass and alfalfa grow on the reclaimed land over coarse refuse. Water along the road will channel down into the coarse refuse to aid consolidation. At the lower or southwest corner it will be controlled by proposed development of the sediment pond mentioned in #6 below.

Number #6. Repair the sediment pond located adjacent to the railroad addit in the drainage bottom below the current refuse disposal site. Design details and calculations for this pond has been submitted and are being reviewed by the hydrologist, Sally Kefer.

Number #7. That portion of the access road located below the small railroad storage shed which is utilized for occasional access to the USGS gaging station on Grassey Trail Creek should be reclaimed and vehicular access prohibited. It is not the desire of Kaiser Steel to block this road or preclude its use from USGS.

Number #8. Concerned the status of the Icelander sediment pond. At the assessment conference it was decided that this should be eliminated from any use connected with the mine operation. It is fed from springs and will be used for stock watering and wild life use. It should be removed from the mine records as a sediment pond and be no longer subject to regulations and inspections. This will require that the sediment pond in the borrow area be adequate to control the disturbed area runoff from the eastern side borrow pit.

Number #9. Remove and reclaim the runoff ditch berm which currently traverses the reclaimed undisturbed area (crested wheatfield). This has been graded to remove the berm and fill the ditch to eliminate erosion and allow even distribution of runoff across the slope of the field. This will be reseeded in the fall.

Number 10. Make a diligent effort to contemporaneously reclaim all those disturbed areas which are not explicitly necessary to promote efficient operation of Kaiser's mining activities:

A number of contemporaneous reclamation projects have been carried out this past year.

1. Slaughter Canyon mine was closed, the portal blocked up and the area graded and covered with topsoil and revegetation looks good. The Iron gate has prevented access to all vehicular traffic and the road shows good regrowth from natural revegetation in a wet spring. Spot seed application may be necessary later on.

2. Pole Canyon has been closed off by large rocks on the road and this area is revegetated by natural regrowth. The mine ventilation shaft is protected by a cover that is secured down to the concrete.

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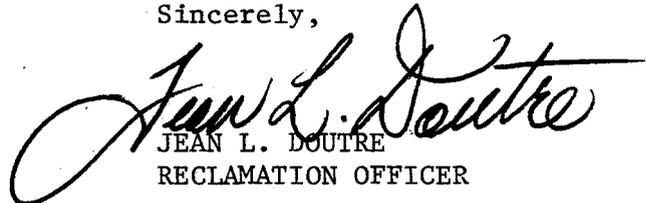
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3. The old mine dump in the north fork of Water Canyon has been graded and reseeded last fall. It shows good growth of grass over the entire area after a wet winter season. The fan will be removed this fall and this will reduce use of the area in the south.

4. The leased two acres of Kaiser land, used by Great National for tar sands, has been regraded and vegetation was planted in May. It would suggest that contemporaneous reclamation is in order.

This week Biologists from the Division, Lynn Kunzler and Mary Boucek, are going into Kaiser to assist with seed mixture and test plots.

Sincerely,



JEAN L. DOUIRE
RECLAMATION OFFICER

JLD:dc