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File ACT/007/007
#3 7, 15 w/map

**KAISER
STEEL**

KAISER STEEL CORPORATION
SUNNYSIDE COAL MINES
SUNNYSIDE, UTAH 84539
TELEPHONE 801-888-4421

April 22, 1985

D. Wayne Hedberg
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

APR 24 1985

DIVISION OF OIL
GAS & MINING

RE: Plans for NOV N85-4-4-2, #1

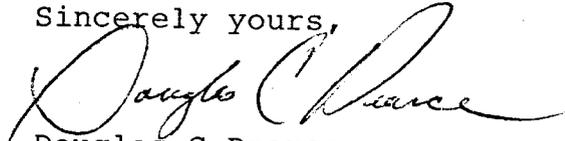
Dear Mr. Hedberg:

The changes proposed by the Divisions staff as expressed in your letter of April 9, 1985 are acceptable to Kaiser Coal Corporation. Proposed mitigation plans are summarized as follows:

1. Water traveling towards the bridge will be treated under the bridge for suspended sediments with a silt fence. Water from the parking lot will be prevented from flowing toward the bridge with a 6 inch berm (the height of the tracks). Approximately 900 square feet of surface will drain toward the bridge.
2. Water which was running under the metal plate will be stopped by sealing the hole with cement.
3. Drainage from the underpass culvert will be treated on a temporary basis with a fabric filter over the outlet. Permanent mitigation will be to change the culvert discharge point such that drainage is conveyed to the the sediment pond as per Plate III-12. This will be done after spring thaw.
4. Water from the parking lot will treated in the sediment pond for sediments, oil and grease by extending the existing berm and ditch on the west side of the parking lot, to a point past the propane tank and approximately adjacent to the training building. At this point a hole will be cut in the cement wall to allow drainage to the sidewalk.

Plate III-12 has been revised to show drainage as explained above. If you have any questions, please call.

Sincerely yours,

A handwritten signature in cursive script that reads "Douglas C Pearce". The signature is written in black ink and is positioned above the typed name.

Douglas C Pearce
Mine Engineer

Enclosure

MRP REVISION/NOV TRACKING FORM

Type of Proposal: COAL NONCOAL

Exploration
 NOV/CO Abatement, NOV # 85-4-4-2, Abatement Deadline _____
 MRP Revision # 1082
 MRP Amendment

Issuing Inspector Dave Lof

Title of Proposal: Abatement Plans, Proposed treatment for Disturbed Area
runoff (parking lot, office, warehouse, bathhouse, and shop area)

Company name: KAISER STEEL CO. Project/
Mine Name: Sunnyside Mine

File # (PRO/ACT): 007/007 Disturbed (Fed/State/Fee): 1/1/1
(CEP/EXP) Acres

Assigned Reviewers:	Review Time (hrs):
(Hydrology) <u>Whitehead TJS</u>	_____
(Wildlife/Veg.) _____	_____
(Engineering) _____	_____
(Soils) _____	_____
(Geology) _____	_____

DATES:

- | | |
|---|--------------------------------|
| (a) Initial Plan Received <u>March 8/85</u> | (d) NOV Termination _____ |
| Tech Review Due <u>March 22/85</u> | |
| Tech Review Complete _____ | |
| DOGM Deficiency Letter _____ | |
| (b) Operator Resubmission _____ | (e) Bond Revised _____ |
| Tech Review Due _____ | Amount (\$) _____ |
| Tech Review Complete _____ | |
| DOGM Deficiency Letter _____ | |
| (c) Operator Resubmission _____ | (f) Conditional Approval _____ |
| Tech Review Due _____ | Stipulations Due _____ |
| Tech Review Complete _____ | Stips Received _____ |
| DOGM Deficiency Letter _____ | Final Approval _____ |
| | (g) MR-9 Received _____ |
| | MR-9 Acknowledged _____ |

COMMENTS: _____

NOTE (INSPECTORS): Please attach a copy of the NOV issued to the abatement plan when received from the operator.

NOTE (REVIEWERS): Please prepare review comments in a format referencing the appropriate regulation or statute. State the deficiency as well as the minimum requirement necessary to demonstrate compliance. Fill in the # of hours spent in review by discipline. Return completed form to the Special Permits Supervisor when complete.

**KAISER
STEEL**

KAISER STEEL CORPORATION
SUNNYSIDE COAL MINES
SUNNYSIDE, UTAH 84539
TELEPHONE 801-888-4421

March 7, 1985

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DIVISION OF OIL
GAS & MINING

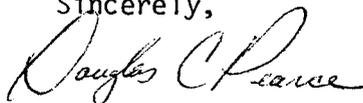
Mr. Dave Lof, Inspector
Division of Oil, Gas, & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Remedial Action, N.O.V. 85-4-4-2,
1 of 2, ACT/007/007, Sunnyside
Mines, Carbon County, Utah

Dear Mr. Lof:

The drainage area for the parking lot, office, warehouse, bathhouse, and shop area has been redesigned as per NOV 85-4-4-2, 1 of 2. Water traveling towards the bridge will be treated under the bridge for suspended sediments with silt fences. Water which was running under the metal plate will be stopped by sealing the hole with cement. Drainage from the underpass culvert will be treated on a temporary basis with a fabric filter over the outlet. Permanent mitigation will be to change the culvert discharge area as per Plate III-12 inside the disturbed area after the spring thaw. These plans are included for Division review.

Sincerely,



Douglas C. Pearce
Mine Engineer

DCP:th

N.O.V. 85-4-4-2, 1 of 2
MITIGATION PLAN

The violation involves drainage from a small area in which the orientation of present facilities and topography prohibits the channeling of drainage water from the No. 1 Mine Portal Bridge abutment into the surface facilities pond as originally depicted on Plate III-12 of the permit application. Compounding the problem is water from the mine parking lot that ponds at the northwest corner of Training Center. Joints in the retaining wall by the Training Center slowly drain the ponded water into the bridge abutment area. During the inspection, water from snow melt was observed spilling from several joints onto a sidewalk where the water flowed in two directions -- toward the bridge abutment and the surface facilities pond.

Mitigation will involve blocking the sidewalk flow path toward the bridge abutment. Water from the remaining bridge abutment area will be filtered by two silt fences located under the bridge.

Water was also observed flowing under a metal plate set in the sidewalk. This hole will be blocked with concrete.

A drain located in the bottom of a manway underpass by the southwest corner of the bathhouse presently discharges into Grassytrail Creek. The culvert outlet will be covered with a fabric filter until the spring thaw when the culvert discharge will be rerouted as shown on Plate III-12. The exact length of the culvert cannot be determined until elevations are taken during construction for proper grade.