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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 18, 1984

Mr. Douglas C. Pearce
Kaiser Steel Corporation
P. O. Box D
Sunnyside, Utah 84539

Dear Mr. Pearce:

RE: Small Area Exemption Request, Sunnyside Mines,
ACT/007/007, #3, Carbon County, Utah

The following sites were visited by Division personnel on June 10, 1983 and again on April 18, 1984 to determine if they could be included as small area exemptions. They are as follows:

1. Water Canyon Portals (.99 acres)
2. Twin Shafts Fan Pad (.36 acres)
3. Pole Canyon (.41 acres)
4. No. 2 Mine Outcrop Fan Site (.95 acres).
5. No. 3 Mine Fan Pad - No. 2 Canyon (.5 acres).
6. No. 1 Mine Outcrop Fan
7. Whitmore Fan (.37 acres)

Area #1 Water Canyon Portals

Applicant's Proposal

Water Canyon Portals were constructed by Utah Fuel in the 1940's. Present use of the site is for ventilation and maintenance access. All drainage from utilized areas with the exception of a small wood storage area (20 feet X 30 feet) goes into the mine. The wood storage area is surrounded by straw bales. Shear rock walls and a narrow canyon bottom make conventional sediment control impractical.

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Division's Determination

The pad areas adjacent to the drainage and not draining into the portals must be addressed with a permanent drainage control plan. This could include straw bales, berms, silt fences or a combination of these methods, installed in a permanent configuration.

Area #2 Twin Shaft Fan Pad

Applicant's Proposal

The Twin Shaft Fan Pad was constructed in 1975 and was used actively until 1981 when the fan was no longer needed. Present uses for the site are as a discharge for air and water from the mine and the road acts as a clear water diversion ditch for the manshaft area. Runoff water from the pad is controlled with straw bales and berms. Exemption granted December 13, 1982, T. Munson.

Division's Determination

The Division approves alternative sediment control (i.e., straw bales and associated berms), which must be maintained according to your approved schedule. It is the Division's understanding that the applicant accepts the sediment control currently in place and agrees to maintaining this sediment control.

Area #3 Pole Canyon

Applicant's Proposal

Pole Canyon return shaft was drilled in the early 1970's for use as a return shaft. In 1981, a shift in ventilation courses underground resulted in the closing of the shaft. The area is a small pad on a steep hill side which precludes the use of interceptor ditches and conventional sediment control. The drainage from the pad is filtered through straw bales before discharge.

Division's Determination

The Division has determined that the alternative sediment control devices, i.e., straw bales and earthen berms, shown on drawing A5-0108 are acceptable. Furthermore, revegetation of

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this area appears to be feasible pursuant to UMC 817.100. Reseeding and successful establishment of vegetation could relieve the applicant from continuing maintenance of sediment control structures noted above.

Area #4 No. 2 Mine Outcrop Fan Site (Fan Canyon)

Applicant's Proposal

The Fan Canyon site was constructed between 1940 and 1950 by Utah Fuel. Steep rock outcrops and a narrow bottom in the canyon preclude the use of a sediment pond for normal sediment control. Berms and ditches control the flow of water from the fan pad to straw bales where the water is filtered. Exemption granted April 27, 1982, S. Kefer.

Division's Determination

The applicant is responsible for maintaining alternative sediment control at this site (e.g., straw bales, berms, etc.). A specific alternative sediment control configuration for this site will be finalized during the September monthly inspection. Therefore, the applicant must maintain its present alternative sediment control until a site visit is carried out.

Area #5 No. 3 Mine Fan Pad - No. 2 Canyon

Applicant's Proposal

The No. 3 Mine Fan Pad is active at the present time and is visited once a day for fan inspection. The disturbed area drainage is very small and is treated with berms and straw bales. Conventional sediment control is not used because of the hillside location of the fan pad.

Division's Determination

The alternative sediment controls for this site are approved as follows:

1. The vegetation filter on the west end of the pad is adequate for sediment control. Should the vegetation be diminished significantly, installation of additional measures (e.g., straw bales) will be required.

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2. The berm on the north side must be maintained to form an effective barrier to sediment leaving the site.

Area #6 No. 1 Mine Outcrop Fan

Applicant's Proposal

The Outcrop Fan site was constructed by Utah Fuel prior to 1950 and was used as a fan site until 1982. Present uses are as a substation site and as a back-up ventilation fan site. Sediments from the pad are filtered through straw bales at the base of the pad. Conventional sediment control cannot be used because of the shear rock walls surrounding the site.

Division's Determination

The applicant is responsible for maintaining alternative sediment controls at this site (e.g., straw bales, berms, etc.). It is felt that a small rock gabion wall secured in place of the existing three straw bales would disturb the least amount of vegetation and provide for the most permanent alternative sediment control at the site.

Area #7 Witmore Fan

Applicant's Proposal

Witmore Fan pad was constructed in the late 1940's by Utah Fuel. Present use is as a fan pad, a return shaft, substation and mine water discharge pond. The pad is surrounded by the county road on one side and a shear rock wall on the other, making conventional sediment control impossible.

Division's Determination

The Division approves alternative sediment control, i.e., straw bales and associated berms, which must be maintained according to your approved schedule. It is the Division's understanding that the applicant accepts the sediment control currently in place and agrees to maintaining this sediment control.

A maintenance plan is needed for all areas using straw bales and other means of alternative sediment control. The applicant should address this plan after receiving this letter.

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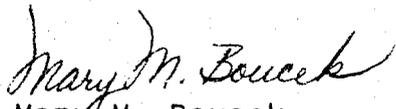
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The Division feels that silt fences are an appropriate means of sediment control if properly installed. Certain installation procedures must be considered before approval for their installation would be granted. They are as follows:

1. Proper keying of the silt fence into the ground.
2. Horizontal extent limited based on proper support of the silt fence.
3. Avoid areas of high water velocity and large sediment loads.

Thank you for your cooperation and patience regarding this matter. If there are any questions on any of these areas, please do not hesitate to call us.

Sincerely,



Mary M. Boucek
Permit Supervisor/
Reclamation Biologist

TM/btb

cc: Lou Hamm
Tom Ehmett
Bart Kale
Tom Munson
Jim Smith
John Whitehead

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