

JUN 28 1984

DIVISION OF OIL
GAS & MINING**U. S. Steel
Mining Co., Inc.**

a Subsidiary of United States Steel Corporation

600 GRANT STREET
PITTSBURGH, PENNSYLVANIA 15230
CABLE: USSMINING
TELEX NO.: 866425

June 22, 1984

To Sue
File ACT/007/012
*Folder #2, 13***JIM**

JUN 29 1984

HEADQUARTERS OFFICE

Mr. James Smith
Coordinator - Mined Land Development
State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

NPDES Permit Application
Wellington Coal Cleaning Plant

Dear Mr. Smith:

Please find attached a copy of the transmittal letter for subject application. If you have any questions or require additional information, contact Mr. V. R. Watts at (303) 527-4816.

Sincerely,

L. King
Sr. Environmental Engineer

Attachment



U. S. Steel Mining Co., Inc.

a Subsidiary of United States Steel Corporation

WESTERN DISTRICT

P.O. BOX AE
PAONIA, COLORADO 81428
303/527-4816

Patrick J. Godsil
Compliance Branch Chief
Environmental Protection Agency
Suite 103
1860 Lincoln Street
Denver, Colorado 80295

Re: NPDES Permit Application
Wellington Coal Cleaning Plant
U.S. Steel Mining Co., Inc.

Dear Mr. Godsil:

Enclosed, please find Form 1 and Form 2C which make up an application for an NPDES permit for U.S. Steel Mining Co., Inc.'s Wellington Coal Cleaning Plant.

The Wellington Coal Cleaning Plant was constructed in 1958 with a thermal dryer added in the early 1960's. The plant has been in continued operation since that time. The following information on the proposed outfalls is presented in addition to that included on Form 2C:

- 001 Refuse (rock) slurry is pumped to a series of two settling ponds for clarification. The clarified water is then stored in the Clear Water Pond for reuse by the Plant. The impounding structure for this pond includes an emergency overflow spillway which would prevent the over topping of the structure during a precipitation event. The existence of the spillway indicates a potential for a discharge to the Price River during a storm. Therefore, U.S. Steel Mining Co. (USSMC) has requested that this location be included as an outfall in the proposed permit. USSMC does not propose to discharge water routinely with the operation of the plant. Part V of Form 2C was completed using a grab sample taken from the pond. No sample of a typical discharge is available.
- 002 U.S. Steel Mining Co. owns water rights on the Price River. A pump house, well and diversion are maintained at the Price River for the purpose of providing water to the plant to make up for evaporation and other losses. The well is located adjacent to the Price River and pumps to a sump. Water can also be diverted directly from the river to the sump from which it is pumped to the Clear Water Pond.

The connection to the river is often maintained open which can allow water to flow from the sump to the river as well as from the river to the sump. This ability is used in the winter months to prevent the connection from freezing. It is pointed out that any flow to the river would essentially be a return of water removed from the river. No water samples were available of a typical discharge to the river. Therefore, part V of Form 2C has not been completed.

- 003 In response to concerns of the Utah State Division of Oil, Gas, and Mining, U.S. Steel Mining Co. will be installing a system of rock filters to treat any effluent that would occur as a result of a break in the slurry pipeline. Breaks in the slurry pipeline primarily occur during the winter months as a result of thermal contraction. The rock filters would treat any slurry spilled before it could discharge into the Price River. Since there has been no discharge, no water samples were available to complete part V of Form 2C.
- 004 The Auxiliary Pond and the Heat Dryer Pond are designed to contain process water and storm runoff from a 25 yr. 24 hr. precipitation event. Final construction of these ponds to design will be completed by May 30, 1984. However, since there is a potential discharge to the Price River for a storm event exceeding a 25 yr. 24 hr. event, U.S. Steel Mining Co. requests that this outfall be added to the proposed permit. Part V of Form 2C reports the results of a water sample taken from a discharge from these ponds which has filtered through vegetation near to the plant.

Sincerely,

Glenn H. Sides (GHS)

Glenn H. Sides
General Superintendent

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Enclosures

cc: L. King
F. Boinsky
V. R. Watts
B. A. Filas
EC Files
Utah State Dept. of Health
Division of Oil, Gas and Mining