

**U. S. Steel  
Mining Co., Inc.**

a Subsidiary of United States Steel Corporation

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WESTERN DISTRICT

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Wayne John

July 15, 1983

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DIVISION OF  
OIL, GAS & MINING

State of Utah  
Department of Health,  
Division of Environmental Health  
150 West North Temple  
P. O. Box 2500  
Salt Lake City, Utah 84110-2500

Attn: Steven R. McNeal

Dear Mr. McNeal:

The following information is submitted in response to Item 3 of your April 1, 1983 letter. A revision to the Wellington Operation and Reclamation Plan, dated July 7, 1983, includes the proposed modifications described herein:

Description of the Current Operation

Standing water adjacent to the Coal Cleaning Plant between the railroad tracks and the Price River is the result of 1) preparation plant effluent, 2) scrubber effluent, and 3) precipitation events.

The Auxiliary Pond (reference Drawing C9-1285) provides water storage capacity to support plant operations. Some water is maintained in the pond for make-up water during plant operation. Void capacity is maintained to receive plant discharge and runoff volumes. Due to the limited capacity of the pond, the Operator uses a gate, located at the southeast end of the pond, to regulate the water level in the pond. Discharge from the gate flows through a culvert to a ditch where it is combined with the scrubber effluent.

Excess water from the scrubber flows through a concrete lined ditch and discharges directly into the ditch from the Auxiliary Pond. There is no preliminary settling pond. The combined drainage flows through a culvert under the railroad tracks and into the fields.

The fields between the tracks and the river were graded for irrigation at one time. As such, water is contained within the fields rather than discharging into the river. Evaporation appears to equalize the discharge volumes.

The Operator has no design information regarding the pond area. There is no record that the Department of Health has reviewed the system.

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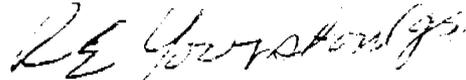
Description of Proposed Modification

The Operator proposes to discontinue use of the fields between the railroad tracks and the Price River for plant effluent water containment. Ponds will be constructed to fully contain all plant effluent and storm runoff.

The Road Pond (reference Drawing C9-1284 and E9-3429) will be incised to provide overflow capacity for the Auxiliary Pond. The Road Pond and Auxiliary Pond capacities are combined by an existing culvert. Design volumes are shown on the drawings. Use of the gate on the southeast end of the Auxiliary Pond will be discontinued.

The Heat Dryer Pond (reference Drawing E9-3433) will be incised to provide runoff and sump overflow capacity. Scrubber effluent will flow through the concrete lined ditch and into the sump. Overflow will enter the pond, but the decant pipe will gravity feed the waters back into the sump. Water in the sump will be pumped back into the plant water circuit. Design volumes are shown on the drawing.

Sincerely,



R. E. Yourston  
General Superintendent

REY:BAF:cs  
Enc.

cc: L. King  
F. Boinsky  
S. Todd  
J. Smith ✓  
EC File  
V. R. Watts