



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

June 11, 1984

Mr. Glenn H. Sides
General Superintendent
U. S. Steel Mining Company, Inc.
P. O. Box AE
Paonia, Colorado 81428

RE: Proposed Modification to the
Refuse Dikes
Wellington Coal Cleaning Plant
Technical Revision No. 1
ACT/007/012, #3 and #4
Carbon County, Utah

Dear Glenn:

The Division has reviewed a copy of U. S. Steel Mining Company's Technical Revision No. 1, received May 25, 1984 which pertains to the proposed modification to the refuse dikes at the Wellington Coal Cleaning Plant.

The Division has no comment at this time. We appreciate the Company keeping us informed of the changes in operations at the processing plant. Thank you once again for the opportunity to provide comment.

Sincerely,

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DWH/btb

cc: Allen Klein, OSM
Jim Smith, DOGM
Rick Summers, DOGM
89920-12



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

a Subsidiary of United States Steel Corporation

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

WESTERN DISTRICT

May 23, 1984

RECEIVED

MAY 25 1984

**DIVISION OF OIL
GAS & MINING**

State of Utah
Division of Water Rights
1636 West North Temple
Salt Lake City, Utah 84116

Attn: Dee C. Hansen, P.E.
State Engineer

Re: Proposed Modification to the
Refuse Dikes
Wellington Coal Cleaning Plant
Technical Revision No. 1
ACT/007/102

Dear Mr. Hansen:

In October 1983, construction began to raise the height of the Lower Refuse Dike some 10.5 feet. The early onset of winter forced U.S. Steel Mining Co. to suspend construction until the Spring of 1984. The construction work was completed on April 10, and the pond has been placed in service. Modifications to the impoundment are described as follows:

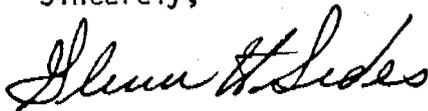
1. The height of the impoundment was increased a minimum of 11.1 feet to a minimum crest elevation of approximately 5,383.2 feet. The impoundment has a minimum crest width of 16 feet with 3h to 1v slopes upstream and 2h to 1v downstream. The impoundment was constructed according to drawing E9-3434.
2. The material used for impoundment construction was compacted to 92% of the maximum density determined by ASTM 1557-78. U. S. Steel Mining Co. contracted with Rollins, Brown and Gunnell to inspect the construction work and perform compaction tests as the material was placed. A copy of Rollins, Brown and Gunnell's final report and compaction tests are attached.
3. In addition to the plans submitted, a diversion ditch was constructed east of the Upper Refuse Pond to divert the two small drainages away from the pond.
4. The maximum water level of the pond will be 5,381.3 (3.7 ft. of Freeboard).

(more)

Dee C. Hansen
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May 23, 1984

If you have any questions regarding these changes, please contact
V. R. Watts or myself.

Sincerely,



Glenn H. Sides
General Superintendent

Attachments

cc: V. R. Watts
L. King
B. A. Filas

James Smith
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114