

Document Information Form

Mine Number: C/007/012

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: JANUARY 30, 1984

Explanation:

INSPECTION MEMO TO COAL FILE

cc:

File in: C/007, 012, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

January 30, 1984

Inspection Memo
to Coal File:

RE: Wellington Preparation Plant
U. S. Steel Corporation
ACT/007/012, Folder # 7
Carbon County, Utah

DATE: October 12, 1982
TIME: 9:00 - 10:00 a. m., 1:30 - 4:00 p.m.
WEATHER: Fair
COMPANY OFFICIAL: Barbara Filas
STATE OFFICIAL: Sandy Pruitt
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

UMC 771 et al Permits

The November 15, 1982 DOGM approval letter was available for inspection as required at the east Carbon office. There were no new permits granted by the Division of Oil, Gas and Mining since the last quarterly inspection. Plans submitted June 10, 1983 to raise the slurry pond embankments were under review by the Division of Oil, Gas and Mining.

At the time of this inspection MSHA approved plans to raise the upper and lower refuse dikes. On August 10, 1983, U. S. Steel committed to monitor construction of the embankment, measuring the material density at a minimum of every 2000 cubic yards for certification by Rollins, Brown, and Gunnel. Improvements to the north dike were not approved by MSHA at this time.

Installation of the natural gas pipeline had started at the time of this inspection. The two stipulations in the May 12, 1983 approval were adequately addressed in the October 1983 response to the permit review.

UMC 817.11 Signs and Markers

All required signs and perimeter markers are appropriately placed. New flagging was tied to most of the perimeter markers for improved visibility.

UMC 817. 23 - .25 Topsoil

The topsoil stockpiles were not reseeded yet as required

UMC 817.41-.57 Hydrologic Balance

All runoff control facilities were well maintained at the time of this inspection. The south section and an undisturbed area runoff diversion was inspected and

File in:

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 Shelf
 Expandable

Refer to Record No. 0033 Date _____
In C/ 007, 012, Internal
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UMC 817.41-.57 Hydrologic Balance

All runoff control facilities were well maintained and functional at the time of this inspection. The south section and discharge point of the undisturbed area runoff diversion was inspected and found in good condition

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with no significant erosion or sedimentation along the ditch line, although it is not revegetated. The runoff collection depressions at the south end of the coarse refuse and southern most extreme of the plant yard area were nearly full to capacity. There was no evidence of discharge. There was also no evidence of discharge from the plant water field ponds.

Sink holes were detected in the north dike. As this dike was constructed as a stockpile of the material removed in excavation of the north ditch it was not adequately compacted. Since it does not impound water but serves only as a diversion for the slurry water. This dike is not monitored in accordance with UMC 817.46(t) and is not required to meet performance standards of UMC 817.85. The freeboard to the level of the slurry in the ditch is less than 3 feet in places. There is no evidence of seepage through voids in the dike although dampness at the toe of the dike may be indicative of subsurface seepage from the slurry ditch. U. S. Steel intends to address this potential problem when they raise the north dike (plans were submitted but may not be implemented for another year), by compacting coal fines in lifts on the inside of the slurry ditch in an attempt to seal off the voids with a five foot layer of well compacted fines.

1983 water monitoring data (from samples taken on January 14, April 25, and August 17) was submitted to the Division of Oil, Gas and Mining on November 21, 1983. TSS levels generally decrease from the station above the plant (at the north ditch) to the pump house, but increase slightly from the pump house to the downstream point, (past the overland diversion ditch outlet). This could be simply due to the stream morphology as there are more meanders and contributing tributaries along this section. Sample point A was moved upstream of the north ditch as requested and will be indicated as point AA in future analyses.

UMC 817.81-.93 Coal Processing Waste

Coal processing waste (the old and new slurry pond fines, old and new coarse refuse and the current pipeline discharge) were analyzed on May 20, 1983 for the permit review. The slurry fines from the first inactive pond and some coarse refuse will be used to raise the lower refuse dike. Waste water analyses of the deep well pump, clear water pond, fresh water line, fields pond, refuse line discharge, scrubber effluent and plant auxillary ponds were also conducted on May 31, 1983 for the permit review.

Sandy Pruitt ^{SP}
Field Specialist

SP:re
cc: Tom Ehmett, OSM
Joe Helfrich, DOGM
Glenn Sides, U.S. Steel

Statistics: See Genwal Mine memo dated October 23, 1983