

Document Information Form

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File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: MARCH 1, 1984

Explanation:

INSPECTION MEMO TO COAL FILE

cc:

File in:
C/007, 012, Internal

- Refer to:
- Confidential
 - Shelf
 - Expandable

Date _____ For additional information

March 1, 1984

Inspection Memo
to Coal File:

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

A complete field inspection of the Wellington Plant operation was conducted from 10:00 a.m., to 1:30 p.m., on January 19, 1984 by Sandy Pruitt, accompanied by Barbara Filas, U. S. Steel. It was fair but cold (about 8°) weather conditions, snow cover obscured much of the operation at the time of this inspection.

Construction of the new undisturbed area diversion at the northeast end of the slurry field had not progressed much since the last inspection and was suspended for winter. The ditch is not to size yet and riprap stabilization is necessary along the west in-slope. Construction of this diversion should be completed prior to spring runoff to prevent excessive erosion of the new cut slopes and diversion points and thereby minimizing additional contributions of sediment to offsite stream flow. Right now the in-slopes are snow covered but work on the diversion should be prioritized so that as soon as conditions are more favorable, for example following a thaw, the diversion can be completed in preparation for heavy spring runoff.

The lower refuse pond embankment had been raised only two feet by the end of the construction season. The lower refuse pond has been used again since December 1983. The inspection reports noted five foot freeboard at the dike. The dike will be raised another eight feet before completion and certification. New dewatering pipes have been installed in the upper and lower refuse dikes. The pipe in the upper dike is too high for dewatering at this time and may need to be reinstalled when the dike is raised sometime in the future. The old dewatering pipes in the east end of the upper dike are still functional. Erosion around the de-watering pipe on the west end of the dike was caused, overtime, by drainage off the dike to this low point creating gullies on the in-slope of the lower slurry pond. These gullies will be filled in with coarse refuse for stabilization. The erosion is being monitored by bi-weekly inspections for MSHA requirements and is not an immediate concern now because there is no slurry water impounded at this point.

Topsoil markers were posted on the new soil at the north dike. A berm was not yet constructed at the stockpile due to frozen soil conditions. There is a berm but this is not sufficient. The stockpile has been secured over the pile for stabilization. Once the base of the stockpile and revegetation is successful, protection will be provided.

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No. 0030 Date _____

In C/ 007, 012, Internal

For additional information _____

March 1, 1984

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Construction of the new undisturbed area diversion at the northeast end of the slurry field had not progressed much since the last inspection and was suspended for winter. The ditch is not to size yet and riprap stabilization is necessary along the west in-slope. Construction of this diversion should be completed prior to spring runoff to prevent excessive erosion of the new cut slopes and diversion points and thereby minimizing additional contributions of sediment to offsite stream flow. Right now the in-slopes are snow covered but work on the diversion should be prioritized so that as soon as conditions are more favorable, for example following a thaw, the diversion can be completed in preparation for heavy spring runoff.

The lower refuse pond embankment had been raised only two feet by the end of the construction season. The lower refuse pond has been used again since December 1983. The inspection reports noted five foot freeboard at the dike. The dike will be raised another eight feet before completion and certification. New dewatering pipes have been installed in the upper and lower refuse dikes. The pipe in the upper dike is too high for dewatering at this time and may need to be reinstalled when the dike is raised sometime in the future. The old dewatering pipes in the east end of the upper dike are still functional. Erosion around the de-watering pipe on the west end of the dike was caused, overtime, by drainage off the dike to this low point creating gullies on the in-slope of the lower slurry pond. These gullies will be filled in with coarse refuse for stabilization. The erosion is being monitored by bi-weekly inspections for MSHA requirements and is not an immediate concern now because there is no slurry water impounded at this point.

Topsoil markers were posted on the new soil stockpiles at the west end of the north dike. A berm was not yet constructed around the entire base of the stockpile due to frozen soil conditions. There was some strawbales in place but this is not sufficient. The stockpile has been seeded and nylon net was secured over the pile for stabilization. Once the berm is completed around the base of the stockpile and revegetation is successful, adequate topsoil protection will be provided.

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The north ditch discharge channel was briefly examined following this inspection. This channel appears to be a natural stream channel with nearly vertical banks and a dense stand of willows in the basin. The channel appears stable now and may be adequate to handle the additional runoff from the new diversion into the north ditch since the thick stand of willows will dissipate the runoff velocity. Of concern is a bend in the channel (approximately 45°) just before its confluence with the Price River where erosion stabilization of the bank may be necessary. This concern was discussed with Barbara Filas and with Rick Summers, DOGM, and decided that this point should be closely monitored for excessive erosion this spring and stabilization provided immediately where it is necessary.

Sandy Pruitt ^{SP}
Field Specialist

SP:re

cc: Barbara Filas, U. S. Steel
Tom Ehmett, OSM
Joe Helfrich, DOGM

Statistics: See Genwal memo dated January 31, 1984

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