



Blazon Co.

(MINING CONTRACTORS & CONSULTANTS)

ACT/007/021
To Gil
JIM

OCT 27 1981

October 19, 1981

RECEIVED
OCT 20 1981

Mr. James Smith, Jr., Coordinator
State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Dear Mr. Smith:

Enclosed is an addendum to the Blazon No. 1 Mine Wastes Disposal Plan which has been outlined in accordance with 30 CFR 817.71 and UMC 817.71. A large scale map containing both a plan and cross-sectional views of the proposed disposal site (The Abandoned Clear Creek Strip Pit) has also been included.

It should be noted that the enclosed drawing as well as the disposal plan encompasses only the most southern portion of the actual pit. This portion of the pit was selected based upon its accessibility, storage capabilities and adaptability to the regulations as set forth in 817.71.

The proposed waste disposal site is presently owned in fee by Kanawha and Hocking Coal and Coke (Valley Camp of Utah, Inc.). The applicant is presently obtaining a written consent to follow through with the proposed plan as presented in this correspondence. As soon as this confirmation is received from the parent company this correspondence will be forwarded to D.O.G.M. to be incorporated into this plan.

As winter continues to set in, it becomes more and more apparent that access into our presently permitted refuse area will soon become an impossible task. It is for this reason that the applicant requests a prompt review of this plan.



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(PAGE TWO - Mr. James Smith)

Thank you for your cooperation in this matter. If I can aid you in the review process by answering questions, please feel free to call (448-9408).

Sincerely,

Kirk R. Harvey

Kirk R. Harvey
Mining Engineer

Enclosures

KRH/mah

105 (6) 11 (10)

WASTE DISPOSAL PLAN

OCT 20 1971

SUBJECT: Addendum to the Blazon No. 1 Mine Waste Disposal Plan.

OBJECTIVE: To incorporate into the Blazon No. 1 Mine Permit a portion of the Abandoned Clear Creek Strip Pit to be used as an additional waste dumping site and to provide fill for the reclamation of this excavation.

TEXT OF PLAN: It should be noted that this is not a proposed valley fill, however the applicant plans to fully comply with those areas of 30 CFR 817.71 which are applicable to the disposal of mine waste in an abandoned strip pit.

DEPARTMENT OF OIL, GAS & MINING

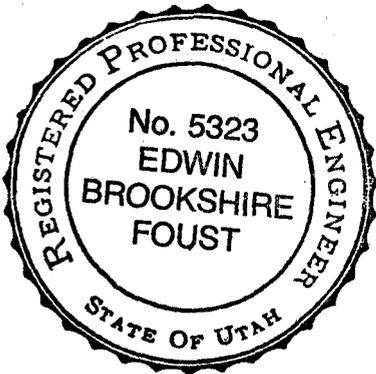
The plan will comply as follows:

817.71(a)(1) The waste storage area as shown in Figure 1, indicates the position of a three-foot berm which will be used to enclose the storage area. This berm will contain leachate waters from leaving the disposal area.

(2) The fill shall be dumped and compacted in four-foot lifts and the final slope will be graded at a conservative angle in order to maintain slope stability. All fill will be located within the solid perimeters of the bench as indicated in Figure 1. There will be no dumping on previous downcast materials.

(3) The proposed disposal area is only a portion of a rather large excavation so it is in that sense compatible with its surroundings. However, in terms of final reclamation, the Blazon No. 1 Mine cannot provide the fill required to make final reclamation of the Clear Creek Strip Pit. The applicant plans to be responsible for only that portion of the pit which is disturbed by the dumping of Blazon Mine waste materials. This would also include drainage control for fill run-off waters.

(b) The fill shall be designed using recognized professional standards, certified by a registered professional engineer, and approved by the regulatory authority.



- (c) The only waste to be dumped in the proposed site will be underground mine waste materials, therefore part (c) would not be applicable.
- (d) The slope will be protected in accordance with measures outlined previously in 817.71(a)(2) and all storage run-off waters will be contained by a three-foot berm as indicated in Figure 1 and 2.
- (e) All mine spoils will be placed on the solid portion of the pre-existing bench as indicated in Figure 1.
- (f) The toe of the fill will be well within the solid portion of the pit as indicated in Figure 1. This indentation coupled with a conservation fill slope of 30 degrees will reduce the probability of sluffing as well as the hazards associated with it.
- (g) The proposed three-foot berm will remain until final reclamation occurs, at which time it will be covered.
- (h) Due to the location and nature of the proposed fill, part (h) is not applicable.
- (i) The pit floor is relatively horizontal and the fill slope will be initiated well within the solid perimeter of the bench on bedrock.
- (j) The fill shall be inspected for stability by a registered engineer at least quarterly throughout construction and during 1) Installation of berms and 2) Placement and compaction of fill materials. A report shall be sent by the inspecting engineer to the regulatory authority within 2 weeks after each quarterly inspection. A copy of this report shall be kept at the mine site.
- (k) The disposal site is not a valley or head-of-hollow fill but rather a hillside fill. There is no main drainage through this site.
- (l) There are no water channels, man-made water courses, underground streams, or weather seeps in the vicinity of the proposed site.

(m) There are no existing mining seams below the Clear Creek Strip Pit. The solid base of the strip pit overlays a massive sandstone formation which is capable of supporting at least 110 feet of solid in place material because that is the height of the now existing high wall.

(n) This activity is not intended to be part of this proposed plan.

CONCLUSION:

The applicant feels in terms of environmental disturbance that this site has many advantages over valley fills or head of hollow fills, ect.

In view of the fact that Blazon is a small mine with limited funds, we are not proposing final reclamation, but feel we can make a worthy contribution to the fill needed to reclaim this large excavation.

The applicant plans to leave the waste fill compacted, properly sloped for drainage, and having spoil run-off waters contained by a three-foot berm. The applicant plans no interim reclamation so that all growth support materials may be preserved for final reclamation.