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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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*file*

September 10, 1991

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Jesse Kelley, Reclamation Engineer *JK*

RE: Permit Amendment to Allow for Construction of Lump Coal Bin for Employee Coal, Cyprus-Plateau Mining Corporation, Star Point Mine, ACT/007/006, Folder #3, Carbon County, Utah

## Synopsis

On August 26, 1991, the permittee submitted, for Division approval, plans for the construction of a lump coal bin for employee coal. This memorandum constitutes this writer's review and approval of these plans.

## Analysis

The lump coal bin is shown in detail in a drawing which accompanies the submittal. As shown, the bin will be approximately 21 feet wide by 15 feet deep by 12 feet high. It will be made of reinforced concrete with 1-foot thick walls set on 2-foot wide footings. It will be closed on three sides and will taper down in height toward its open side.

The bin will be located in Area 1, on the west end of the Raw Coal Stacking Tube between the Main Access Road and the 350,000 gallon concrete reservoir. Its location is shown at the right-hand edge of Map 44.

The bin is designated "Structure 77." It is listed, along with the rest of the surface facilities, in revised Table 67, a copy of which is included with the submittal.

The area in which the bin will be located drains to Pond 4 by way of a culvert beneath the Main Access Road. This drainage is treated by Sediment Traps S14 and S15 before entering Pond 4. The bin will not significantly affect the drainage from this area.

The Permittee is presently working on his permit renewal, which will be submitted to the Division by September 27, 1991. For this reason, the lump coal bin has not been included in the present reclamation bond estimate, but will instead be included in the bond estimate which accompanies the September 27 permit renewal application. Since the entire bin will contain only about 22 cubic yards of concrete, it will not significantly affect the bond estimate.

#### Recommendations

It is recommended that plans for the lump coal bin be approved and that construction be allowed to start immediately.

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