



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

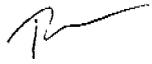
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July 8, 1993

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Thomas Munson, Senior Reclamation Hydrologist 

RE: Plateau IBC Request, Star Point Mine, Cyprus Plateau Mining Corporation, ACT/007/006-93C, Folder #2, Carbon County, Utah

Synopsis

The IBC request was received by Cyprus Plateau Mining Corporation on June 7, 1993. This memo will address the concerns of the extending mining area in terms of hydrology issues related to the PHC and CHIA.

Analysis

The area to be mined associated with the IBC is immediately adjacent to the current permit area. It is felt that the hydrologic impacts realized from underground mining in this area have been adequately described from adjacent test holes in the current lease and the submitted data included in the PHC document. For proposed mining areas further to the North in Castle Valley Ridge, the predictability of extrapolating groundwater data from the current lease is less scientifically valid and cannot be achieved without additional drill hole data.

A new CHIA has not been made for the addition of the UTU-64263 lease; however, the proposed IBC is within the boundaries of the previous CHIA prepared for the 1987 permit renewal. The IBC area is also well within sub-drainages 6 and 7 of the Gentry Ridge Basin as identified in the previous CHIA. On June 22, 1993, the Division sent Mr. Keith Sieber a letter delineating a request that the operator must supply twelve consecutive months of data from the three wells in the Castle Valley Ridge area prior to issuance of the mine permit. Therefore, not only is it required of the operator to obtain additional data prior to mine permit issuance, but the groundwater data currently being collected relates well with the IBC area because of proximity.

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Recommendation

The IBC be approved based on a solid commitment in PAP that all baseline data will be collected and submitted in a timely manner as dictated in the June 22, 1993, letter and revisions related to the approval of amendment ACT/007/006-93D prior to issuance of the mine plan approval. The plan must clearly describe the locations and the type of data to be collected at each of the proposed sites.

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PLATIBC