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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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December 5, 1997

TO: File

THRU: Joseph Helfrich, Permit Supervisor 

FROM: David Darby, Reclamation Specialist 

RE: Amendment, Groundwater Monitoring Modification, Cyprus Plateau Mining Company, Star Point Mine, ACT/007/006AM-97C, Carbon County, Utah

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## SUMMARY

Cyprus Plateau Mining Company submitted plans on November 4, 1997 to modify their groundwater monitoring plan. Anticipated closure and sealing of the mine will prevent access to continue in-mine monitoring.

In-mine monitoring wells, P92-01A-WD, P92-01B-WD, P92-01C-WD, P92-02-WD, P92-04-WD, P93-01-WD, and P86-03-WD, will be sealed during December 1997. Wells P86-01-TD and P86-02-HD (well id corrected from submittal after talking to John Pappas on December 5, 1997) in early 1998.

Monitoring of in-mine flows 1WN6 and 9L12 will be discontinued by the operator after 1997, because they will be in remote areas requiring air and roof tests before access can be gained.

## Analysis

The monitoring sites proposed for abandonment were evaluated. Due to the nature the mine closure, the proposed amendment is feasible. Alternative monitoring was considered in lieu of these monitoring sites. The applicant has presented information identifying adjacent sites that will still be monitored and supply groundwater information. The amendment pointed out that the sites proposed for abandonment has supplied substantial data during their existence.

Amendment  
ACT/007/006AM-97C  
Star Point Mine  
Cyprus Plateau Mining Company  
December 5, 1997

The Division is currently analyzing groundwater movement and impacts on Gentry Ridge. If it becomes necessary to monitor selected sites as a result of the findings, the Division will make further recommendations to the operator.

Mr. John Pappas stated in a telephone conversation on December 5, 1997 that Cyprus Plateau Mining Company would monitor the in-mine wells prior to abandonment.

### **Findings**

This amendment is recommended for approval.

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