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STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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May 4, 1988

TO: John Whitehead, Permit Supervisor  
FROM: James R. Fricke, Reclamation Hydrologist *JRF*  
RE: C. V. Spur Annual Report Review, Beaver Creek Coal Company, C.V. Spur Loadout, ACT/007/022, Folder #6, Carbon County, Utah

### Synopsis

On March 31, 1988, Beaver Creek Coal Company (BCCC) submitted the 1987 Annual Report for C. V. Spur Loadout. The report contains information on water monitoring, vegetation, and permit status. This loadout facility is exempt from submitting an updated mine sequence map and subsidence data.

### Analysis

The newly formatted water monitoring report form enables expedient and efficient review of the data. Beaver Creek Coal Company should be commended for enhancing the water monitoring data forms.

According to the approved water monitoring plan (approved July 8, 1987, modified November 6, 1987 and March 2, 1988), BCCC must sample ground-water stations in the spring and fall. Data presented in the Annual Report reflect winter (January 1987) and spring (June 1987) time periods. Iron, manganese and total suspended solid levels from CV-12-W and CV-11-W indicate non-filtered samples.

Precipitation data was not provided in the Annual Report. Permit stipulation 817.48 requires annual reporting of chemical analyses from coal seams being processed (#2 and #9 mines) and a representative sample of the refuse pile. The data has not been provided.

### Recommendations

The operator must submit the incomplete data. Fall water monitoring data, precipitation data, and coal seam and refuse pile analysis are required.

The operator must filter all water samples prior to acidification and bottling. A 45-micron filter should be used.

djh  
cc: W. Malencik  
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