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

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July 27, 1998

To: File

Thru: Joe Helfrich, Permit Supervisor, Compliance *JH*

From: Stephen Demczak, Reclamation Specialist *SD*

RE: Waste Rock Pile Access Road, Canyon Fuel Company, Skyline Mine, ACT/007/005-98C, Carbon County, Utah *File #2*

**SUMMARY:**

The permittee has proposed to install a culvert and ditch to convey the water away from the refuse pile. The ditch has been re-designed and is in use. This amendment keeps the road drainage along side the road.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

**SPOIL AND WASTE MATERIALS**

Regulatory Reference: R645-301-742.300

**Analysis:**

**Diversions**

The permittee has used the SedCad program to determine the proper ditch and culvert designs. The designs are P.E. certified. These designs use the existing drainage areas.

**Findings:**

The requirements of this section of the regulations are considered adequate in regard to proposed permit change for the designs of culverts and ditches at the waste rock site.

**RECOMMENDATION:**

This minor amendment meets the requirements of the R645 Coal Rules in Hydrology and Engineering.

