



0011
STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

file ACT/015/009 #2
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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September 18, 1987

TO: John Whitehead, Permit Supervisor
FROM: James R. Fricke, Reclamation Hydrologist *JRF*
RE: Channel Realignment, Trail Mountain Coal Company,
Trail Mountain Mine, ACT/015/009, Emery County, Utah

The operator has proposed a channel change on Cottonwood Creek. During construction of the county road to the mine, the channel was realigned. The post-construction channel cross-sectional area is not sufficient to accommodate the design flow event of 535 cubic feet per second.

The operator has submitted plans to remedy the channel capacity problem. In general, the plans are acceptable; however, the operator must reference (in the MRP) the methodology used to derive the median diameter of the riprap. The riprap plan must commit to well-graded riprap and road base (filter blanket).

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