



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

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July 10, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor *DQH*

FROM: Jess Kelley, Reclamation Specialist *JK*

RE: 1996 Annual Report, PacifiCorp, Trail Mountain Mine, ACT/015/009, Folder #2, Emery County, Utah

**SUMMARY:**

The permittee submitted the 1996 Annual Report for Division approval on May 1, 1997.

**TECHNICAL ANALYSIS:**

This writer examined 3 sections of the Annual Report to determine whether or not they contained adequate information: 1) subsidence monitoring data, 2) certified sediment pond inspections, and 3) updated mine maps.

● Subsidence Monitoring Data

Subsidence is measured by aerial photogrammetric survey methods and observed by annual helicopter reconnaissance flights. Raw subsidence data are included on a 4.5-inch floppy disc which accompanies the Annual Report. Also included in the Annual report are an underground workings map, a subsidence isogram, and 2 isogonal subsidence profiles.

● Certified Sediment Pond Inspections

There is 1 sediment pond at this site. It was inspected on December 13, 1996 by John Christensen, a professional engineer licensed and registered in the state of Utah. A certified inspection report is found in the Annual Report. This inspection revealed no evidence of instability, structural weakness, or other hazardous conditions.



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- Updated Mine Maps

The Annual Report includes an updated map of the underground workings. This map is designated *Trail Mountain Mine 1996 Production Map*.

**RECOMMENDATION:**

It is recommended that the subsidence monitoring data, the certified sediment pond inspection report, and the updated mine map be accepted by the Division as satisfying the respective regulatory requirements for the Annual Report.

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