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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 21, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Susan M. White, Biologist *SMW*
RE: **Abatement and Extension of NOV 89-26-24-1, Sunnyside
Reclamation and Salvage, Inc., Sunnyside Mines, ACT/007/007,
Folder #5, Carbon County, Utah**

Grassy Trail Creek should be monitored through spring runoff for flocculent movement, breakdown and scouring. After spring runoff, the creek should be sampled by the Division of Wildlife Resources (DWR) for benthic invertebrates numbers and diversity. Sediment substrate samples should also be taken at the time and analyzed for oil and grease. The sediment substrate samples should be split and half given to the operator for quality control.

Both the old and new Whitmore Pond (Pond 002A and 002B) should be cleaned. The ponds should be alternately dried, emptied and dredged during the spring and summer months. One pond should always be dry in the event of another spill.

Livestock grazing occurs along the banks of the stream between the reservoir and the town of Sunnyside. As mitigation for the damage to aquatic habitat, the mine should fence this portion of the stream to enhance riparian habitat.

After spring runoff, long-term environmental damage will be assessed. Mitigation fencing and prevention, cleaning of ponds, should begin as soon as possible. DWR recommends and supports this course of action (letter dated January 12, 1990 from Timothy H. Provan to Dianne R. Nielson).

djh
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