

0028



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

August 3, 1989

TO: Richard V. Smith, Permit Supervisor

FROM: Henry Sauer, Reclamation Soils Specialist *HS*

RE: #2 Whitmore Mine Water Discharge Pond Permit 89-I
Technical Review, Sunnyside Reclamation and Salvage,
Inc., Sunnyside Mines, ACT/007/007, Folder #2, Carbon
County, Utah

Synopsis

In a letter submitted June 26, 1989, Sunnyside Reclamation and Salvage, Inc. (SRS) has proposed construction of a second mine water discharge pond below the Whitmore Pond. The plan has been reviewed and technical deficiencies exist.

Analysis

The operator must submit prior to topsoil excavation, baseline physiochemical analyses of the soil to be removed. One sample location per acre of disturbance (approximately 3 acres) must be derived. At each sample location, depth-segregated samples must be taken at 0-15 cm and 15-30 cm. The constituents analyzed and the laboratory methodologies suggested are listed in Table 1 of the Division's Guidelines for Management of Topsoil and Overburden.

The operator must provide methods and equipment employed to insure proper implementation of the following: a topsoil removal plan (i.e., vegetation removal and methods utilized to exact depth of soil removal), and a soil redistribution plan.

Additionally, the operator must submit designs, cross sections and volume estimates for the proposed topsoil storage pile.

Page 2
Memo to R. V. Smith
ACT/007/007
August 3, 1989

Recommendations

The applicant must provide laboratory analyses, as outlined above, of topsoil to be removed.

The applicant must provide specific topsoil removal and redistribution plans.

The applicant must submit designs, cross sections, and volume estimates of the proposed topsoil stockpile.

djh
AT23/12-13