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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

June 11, 1993

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Ken Wyatt, Senior Reclamation Hydrologist *KW*

RE: Water Monitoring Plan Review, Sunnyside Coal Company, Sunnyside Mine, ACT/007/007, Folder #2, Carbon County, Utah

SYNOPSIS

On April 7, 1993, Sunnyside Coal Company submitted a revised Table III-23, proposing operational water quality parameters that are included in their monitoring program. A May 20, 1993 memo listed several deficiencies that needed to be addressed prior to approval. A second submittal was received by the Division on June 10, 1993. This memo will review this submittal.

ANALYSIS

The submittal included revised table III-23 (2 of 4) and table III-23 (4 of 4). The original April 7, 1993 submittal was deficient in that Acidity was left off of the surface water monitoring list. Also both total and dissolved forms of Iron and Manganese were not included.

The June 10, 1993 submittal included Acidity in the surface water parameter list. Both total and dissolved forms of Iron and Manganese were included in the table. The operator did state that acid soluble metals analysis would be conducted on UPDES discharge points as per their UPDES permit.

RECOMMENDATION

I recommend that the submittal be approved and incorporated into the mining permit.

