#3191

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

March 27, 2008

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor PS 05/13/09

FROM: David W. Darby, Senior Reclamation Specialist/Hydrology

RE: 2007 4th Quarter Water Monitoring, Sunnyside Cogeneration Association, Sunnyside Refuse/Slurry, Task 3191

This report is based on information in data file; O:\007035.srs\Water Quality\datacheck2007-4.xls. The Sunnyside Refuse/Slurry Mine is currently operational. The facility mines the old Sunnyside Mine coarse refuse and slurry cells, blends the material and burns it in an on-site co-generation facility. SCA started mining at this site in 1993 and projects a total mine life of at least 20 years.

Pertinent water monitoring requirement information is in the MRP in Section 730, and Appendix 7-8.

1. Was data submitted for all of required sites?

Springs The Permittee is required to monitor springs CRS, CRB, and F-2 quarterly for the parameters listed in Table 7-2C. CRS was not flowing.

CRS was not flowing. Flows reported for the quarter were substantially lower than last year at the same time last year.

YES [X] NO [ ]

Streams The Permittee is required to monitor ICE-1 quarterly for the parameters outlined in Table 7-2C.

The Permittee monitored and reported the data on ICE-1 as required during this quarter. No flow was reported.

YES [X] NO [ ]

Wells The Permittee is required to sample Well-1, and B-6 quarterly for the parameters listed in Table 7-2C.

The Permittee monitored and reported the required data for all wells as required during this quarter. B-6 was dry.

YES [X] NO [ ]

UPDES There are seven active UPDES sites at the Sunnyside Refuse/Slurry Mine. They are all under the permit UT0024759, and include outfalls 004, 007, 008, 009, 012, 014, and 016. The Permittee is required to monitor each UPDES site monthly according to Table 7-1B.

The Permittee monitored and reported no discharges at all UPDES sites during the quarter.

YES [X] NO [ ]

2. Were all required parameters reported for each site?

Springs YES [X] NO [ ]

Streams YES [X] NO [ ]

Wells YES [X] NO [ ]

UPDES YES [X] NO [ ]

3. Were irregularities found in the data?

Springs YES [ ] NO [X]

Streams YES [ ] NO [X]

Wells YES [ ] NO [X]

UPDES YES [ ] NO [X]

4. On what date does the MRP require a five-year resampling of baseline water data.

The Pemittee monitored the complete list of baseline parameters during the first quarter 2007.

5. Based on your review, what further actions, if any, do you recommend?

None

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? [ ] Yes [X] No

6. Follow-up from last quarter, if necessary.
Did the Mine Operator submit all the missing and/or irregular data (datum)?

None required.