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#3193

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

May 11, 2009

TO: Internal File

THRU: James Smith, Permit Supervisor DS 05/13/09

FROM: David W. Darby, Senior Environmental Scientist/Hydrology

RE: 2008 2nd Quarter Water Monitoring, Sunnyside Cogeneration Association, Sunnyside Refuse/Slurry, C0070035, WQ08-2, Task 3193

This report is based on information in data file; O:\007035.srs\Water Quality\datacheck2007-2009(1).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 processing coal refuse (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.

Was data submitted for all of required sites?
1.

Springs **YES [X] NO [ ]**

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.

The Permittee monitored and reported the essential data for all springs as required during this quarter. CRS did not flow during the quarter.

Streams **YES [X] NO [ ]**

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.

Wells **YES [X] NO [ ]**

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 essential data for all wells as required during this quarter. B-6 was dry during the quarter.

UPDES **YES [X] NO [ ]**

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. They are required to sample flow and total suspended solids twice monthly at each outfall.

The Permittee monitored and reported no discharges during the quarter.

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 MRP states that "once every five years (prior to each application for permit renewal) one sample from each of the monitoring sites listed in Table 7-2A will be sampled and analyzed for the parameters listed in Table 7-2B". The Pemittee monitored the complete list of baseline parameters during the first quarter of 2007. The next 5 year sampling should take place in 2012.

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.