

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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March 19, 2020

TO: Internal File

THRU: Steve Christensen, Coal Program Manager 

FROM: Kendra Hinton, Environmental Scientist 

RE: 3<sup>rd</sup> Quarter 2019 Water Monitoring, Sunnyside Cogeneration Association, Sunnyside Refuse/Slurry, C/007/035, Task ID #6039

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 at the adjacent co-generation facility. Sunnyside Cogeneration Association (SCA) started mining coal refuse at this site in 1993. Water monitoring requirements are described in the MRP in Section 730 and Appendix 7-8. This report was prepared from monitoring data queried from the UDOGM database.

## 1. Was data submitted for all required sites?

**Springs** YES  NO

The Permittee is required to monitor and sample springs CRS, CRB and F-2 quarterly. Spring monitoring data was submitted for the quarter.

**Streams** YES  NO

The Permittee is required to monitor and sample Iceland Creek at location ICE-1 quarterly. Stream monitoring data for this point was reported for the quarter.

**Wells** YES  NO

The Permittee is required to monitor and sample the East Carbon City Well (a.k.a. Dragerton Well or WELL-1 and well B-6 quarterly.

**UPDES** YES  NO

There are six active UPDES sites at the Sunnyside Refuse/Slurry Mine. They are all under the permit UT0024759, and include outfalls 007, 008, 009, 012, 014, and 016. The Permittee is required to monitor each UPDES site monthly according to the permit. The UPDES outfalls did not discharge during this quarter.

## 2. Were all required parameters reported for each site?

**Springs** YES  NO

**Streams** YES  NO

Wells YES  NO

UPDES YES  NO

**3. Were irregularities found in the data?**

Springs YES  NO

Streams YES  NO

Wells YES  NO

UPDES YES  NO

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

MRP Appendix 7-8 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 Permittee monitored the complete list of baseline parameters during 2017.

**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  NO

**6. Follow-up from last quarter, if necessary.**

**Did the Mine Operator submit all the missing and/or irregular data (datum)?**

None required.