

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

September 15, 2011

TO: Internal File

THRU: Steve Christensen, Team Lead *SKC*

FROM: April A. Abate, Environmental Scientist III *AAA*
9/15/2011

RE: Permit Boundary Amendment, Sunnyside Cogeneration Associates, Sunnyside Refuse/Slurry, C007/0035, Task #3880

SUMMARY:

On July 28, 2011, the Division of Oil, Gas and Mining (the Division) received a response to a deficiency letter from Sunnyside Cogeneration Associates (the Permittee). The amendment submitted seeks to reduce the permit area by 67.9 acres. This area encompasses a combination of undisturbed and reclaimed lands. The amendment required map updates to the geology section of the MRP to illustrate the permit boundary reduction. The geology section of the MRP was reviewed to verify that all sections of the geology regulations including plates were updated based on the redrawn boundary. The Permittee was asked to resubmit Plates 6-1 through 6-4 as described below:

[R645-301-622]: Plate 6-1 references three cross sections: A-A', B-B' and C-C'. These cross sections are subsequently referred to as Plates 6-4, 6-5 and 6-6, respectively. These cross sections will need to be modified to address the reduction in the permit area.

[R645-301-622]: Plate 6-2 – the Hydrogeologic Map will require updating based on the permit boundary change. All geologic maps should be resubmitted in color such that the lithologic symbols are clearly demarcated by the colors each formations represents.

[R645-301-622]: There appears to be no existing Plate 6-3 based on the information presented in the Chapter 6 Table of Contents. Unless there is a plate missing from the MRP that needs to be included, please renumber the cross sections as 6-3, 6-4, and 6-5 so that it does not appear to show a break in the map sequence. Please also resubmit an updated Chapter 6 Table of Contents based on these map changes.

Findings:

The Permittee has submitted updates to geology maps (Figures 6-1, 6-2, 6-3) and the Chapter 6 Table of Contents. All plates in Chapter 6 have been updated with the new permit

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boundary and the geologic cross sections have been modified to reflect the new "permit area".
The geologic maps section meets the requirements of R645-301-622.

RECOMMENDATIONS:

Approval for Task #3880 is recommended.

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