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# TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

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May 2, 2011

TO: Internal File *10027*

THRU: Steve Christensen, Team Lead *SKC*

FROM: James Owen, Reclamation Engineer *jeo*

RE: Phase III Bond Release Old Course Refuse RD, Sunnyside Cogeneration Associates, Sunnyside Refuse and Slurry, C0070035 Task ID# 3718

**SUMMARY:**

On April 26, 2011, representatives of the Division of Oil Gas & Mining conducted a Phase III Bond Release Inspection of Old Course Refuse Road at Sunnyside Cogeneration Associates' Sunnyside Refuse and Slurry mining operation. This memo addresses the engineering related reclamation issues that were identified during the inspection. This memo addresses compliance with the engineering section of the Utah Coal Mining Rules (R645-301-500).

**TECHNICAL MEMO**

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**TECHNICAL ANALYSIS:**

**RECLAMATION PLAN**

**BACKFILLING AND GRADING**

Regulatory Reference: 30 CFR Sec. 785.15, 817.102, 817.107; R645-301-234, -301-537, -301-552, -301-553, -302-230, -302-231, -302-232, -302-233.

**Analysis:**

The material used to backfill the disturbed area was graded to a slope which is compatible with the approved postmining land use and which provides adequate drainage and long-term stability. There were not highwall remnants that pose a hazard to the public health and safety or to the environment.

**Findings:**

Contents and information provided are sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules.

**ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES**

Regulatory Reference: 30 CFR Sec. 701.5, 784.24, 817.150, 817.151; R645-100-200, -301-513, -301-521, -301-527, -301-534, -301-537, -301-732.

**Analysis:**

The road was reclaimed in accordance with the approved reclamation plan, and was done as soon as practicable after it was no longer needed for mining and reclamation operations. The reclamation included: closing the road to traffic; removing all bridges and culverts, removing of road-surfacing materials, reshaping cut and fill slopes to complement the natural drainage pattern of the surrounding terrain, scarifying the roadbed, replacing topsoil and revegetation of disturbed surfaces.

Present on the down-slope portion of the reclaimed road was remnants of a silt-fence that was at one time used for drainage control. The operator was instructed to remove the fence in its entirety. A Division inspector will inspect the site again to verify that the fence remnants have been removed.

**Findings:**

Contents and information provided are sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules.

**RECOMMENDATIONS:**

The bond release is recommended for approval at such a time as a Division inspector has verified that the silt fence remnants have been completely removed.