

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

June 15, 2007

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TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor *psj for DWH*

FROM: James D. Smith, Environmental Scientist III – Hydrology, Team Lead *DS 09/01/07*

RE: Loadout Expansion, Task # 2809, CO-OP Mining Company, Bear Canyon Mine, Permit C/015/0025

SUMMARY:

The proposed loadout expansion at the Bear Canyon Mine consists of widening the loadout areas by removing 687 yd³ of material, mostly substitute topsoil, from the side of the coal storage pad and adding two large retaining walls along the stacking area. This will widen the coal loading area and ease traffic flow. The initial submittal of this amendment included adding a retaining wall along the Bear Creek side of the pad and adding fill to widen the loadout, but plans for this work on the creek side of the pad have been removed.

The Master TA does not need to be modified for this amendment. The CHIA does not need to be updated for this amendment.

TECHNICAL ANALYSIS:

GENERAL CONTENTS

PERMIT APPLICATION FORMAT AND CONTENTS

Regulatory Reference: 30 CFR 777.11; R645-301-120.

Analysis:

The Loadout Expansion amendment was submitted as one hard copy and four CDs in Adobe[®] .pdf format.

Findings:

Permit Application Format and Contents are sufficient to meet the requirements of the Coal Mining Rules.

RECOMMENDATIONS:

The Loadout Expansion amendment should be approved. The Master TA does not need to be modified for this amendment. The CHIA does not need to be updated for this amendment.