

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

November 15, 2006

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TO: Internal File

THRU: Wayne Hedberg, Permit Supervisor *WH*
 Joe C. Helfrich, Environmental Scientist III and Team Lead

FROM: James D. Smith, Environmental Specialist *JS 11/15/06*

RE: Lease Addition U- 46484 & U-61049, Co-Op Mining Company, Bear Canyon Mine, C/015/0025, Task ID # 2680

SUMMARY:

The proposed amendment adds federal coal leases U-46484, U-61048, and U-61049; the remainder of U-024316; and fee coal lands to the permit area. Plates 1-2 and 1-3 show the relationship of coal ownership to surface ownership. The federal leases are totally or partially within the boundaries of the Manti-Lasal National Forest. The fee coal, owned by C.O.P. Coal Development, is partially within the forest boundaries, the remainder under surface lands owned by C.O.P.

	Acres added to permit
U-024316	60 80
U-46484	1,400
U-61048	1,108.27
U-61049	2,196.09
Fee	<u>2,740.00</u>
Total acres added	7,504.36 7529.56
Previously permitted	<u>3,375.62</u>
Total acres permitted	10,879.98

After the Permittee submitted the amendment, they received a letter from the Division outlining the proposed structure for electronic submittal. The Permittee has committed to rearranging the electronic portion of the submittal to match Division guidelines and to resubmit the CDs in the format recommended by the Division.

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Permittee's Action		DOGM's Action	
Original submittal	07/21/2005	Assigned Task # 2292	
		Determination of Administrative Completeness.	10/17/2005
		Tech Memo – Geology and Hydrology	01/26/2006
		Letter with deficiency list.	02/01/2006
Response to Task # 2292	05/21/2006	Assigned Task # 2526	
		Tech Memo – Geology and Hydrology	07/07/2006
		Letter with deficiency list.	07/13/2006
Response to Task # 2526	08/09/2006	Assigned Task # 2597	
		Tech Memo – Geology and Hydrology	08/31/2006
		Letter with deficiency list.	
Draft responses to Task # 2597 by e-mail	10/04/2006 10/05/2006 10/25/2006	Assigned Task # 2680	
Response to Task # 2597	10/30/2006		
		Tech Memo – Geology	11/15/2006
		Approval letter	11/15/2006

TECHNICAL ANALYSIS:

ENVIRONMENTAL RESOURCE INFORMATION

Regulatory Reference: Pub. L 95-87 Sections 507(b), 508(a), and 516(b); 30 CFR 783., et. al.

GEOLOGIC RESOURCE INFORMATION

Regulatory Reference: 30 CFR 784.22; R645-301-623, -301-724.

Analysis:

Table 5-1 (Coal Reserves - Bear Canyon Mine) has been revised to show the In-Place and Recoverable coal tonnage by lease, by seam, and for the entire permit area. Footnotes to Table 5-1 state:

- Reserves projections were done in July 2006 and submitted to the BLM in the LMU Application R2P2 update.
- The current permit application will allow mining of Lease U-024316 in the Tank Seam only until additional hydrologic and geologic information can be obtained.
- The Blind Canyon Seam reserves were mined out in 1984-1985.

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Findings:

Information on geologic resources is adequate to meet the requirements of this section.

RECOMMENDATIONS:

This amendment should be approved.

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