

2005 Annual Report Review

JK

Permittee: Canyon Fuel Company, LLC
Mine Name: SUFCO Mine
Permit Number: C/002/041
Date Report Received: March 31, 2006 @ Price OGM

Assigned Reviewers:		Date Completed
Peter Hess, Engineer / Inspector	PHH	12/26/2006
Joe Helfrich/Biology	JGH	2/26/07
Dana Dean, Hydrologist	DD	11/13/2007
		Complete

Instructions: The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

Assignments:

Inspectors: Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.
Hydrologists: Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste
Biologists: Review Vegetation/Revegetation Success Monitoring, Raptor Survey
Engineers: Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Cover Sheet	X	<input type="checkbox"/>	Submitted cover sheet appears to be complete and adequate.
AVS; Legal/ Financial Update	<input type="checkbox"/>	X	On file at the Utah Department of Commerce as the Annual Report of Officers, as well as at the DOGM in General Chapter One of the MRP.
Mine Sequence Map	X	<input type="checkbox"/>	The map titled LMU MINING PROGRESS MAP 2005-2010 depicts the areas where both primary and secondary mining methods were implemented at SUFCO during 2005. 7,547,081 tons were extracted during 2005. The map is P.E. certified by Mr. John D. Byers, Manager of Technical Services for the Permittee.
Water Monitoring Data	X	<input type="checkbox"/>	No summary report was submitted, however all required data was submitted each quarter in a timely manner. More information regarding the water data may be found in the database (http://linux1.ogm.utah.gov/cgi-bin/appx-ogm.cgi), and the quarterly water monitoring reports.
Precipitation & Climatological Data	X	<input type="checkbox"/>	Precipitation and temperature data were provided for the East Fork of Box Canyon as required.
Non-Coal Waste report	<input type="checkbox"/>	X	Not required during the 2005 reporting year.

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	YES	NO	
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The 2005 Annual Subsidence Report is included in Appendix B, of the SUFCO Annual Report. The subsidence report has once again been prepared by John M. Black, Chief Surveyor. Map 1 depicts the deformation isopachs over the secondary extraction areas. Thirteen areas were monitored; only areas 10, 11 and 12 are considered active areas i.e., they are still settling/stabilizing. The maximum amount of deformation which has been measured and reported to date is seven feet. Map 1 is P.E. certified by Mr. John D. Byers, Utah registered professional engineer.
Annual Impoundment Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	All quarterly impoundment inspections including the required annual pond certifications have been previously submitted and are on file at the DOGM. These are reviewed during the DOGM quarterly inspections.
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	All P.E. certified quarterly refuse pile inspections are on file at the DOGM for 2005. These are reviewed during the DOGM quarterly inspections.
Vegetation Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Included as Appendix B for the Pines Tract and Link Canyon. Surevy included 10 photo locations of the Link Canyon Trail Columbine documenting visual plant characteristics. The Link Canyon East and West portal veg study is an ocular estimation of plant growth and vigor. East Portal area stressed generally fro moisture depletion. Riparian communities of the East Fork of Box Canyon. This veg study provided data for long term trends from mining practices. Riparian communities diminished in 2003-04.
Revegetation Success Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Included as Appendix B for the Pines Tract and Link Canyon. Surevy included 10 photo locations of the Link Canyon Trail Columbine documenting visual plant characteristics. The Link Canyon East and West portal veg study is an ocular estimation of plant growth and vigor. East Portal area stressed generally fro moisture depletion. Riparian communities of the East Fork of Box Canyon. This veg study provided data for long term trends from mining practices. Riparian communities diminished in 2003-04
Raptor Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Completed for 2005, included in confidential folder.
Other Information	<input type="checkbox"/>	<input type="checkbox"/>	

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