

2004 Annual Report Review

Permittee: Canyon Fuel Company, LLC.
Mine Name: Skyline Mine
Permit Number: C/007/005
Date Report Received: 3/31/05

Assigned Reviewers:	Date Completed
Dana Dean, P.E., Hydrologist	September 28, 2005
Stephen Demczak <i>SD</i>	March 10, 2006
Jerriann Ernstsens, Biologist <i>JAE</i>	November 9, 2005
Stephen Demczak <i>SD</i>	March 10, 2006

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No summary report was submitted, however all required data was electronically submitted in a timely manner. This data and the Division's analysis of the data are on file.
Precipitation & Climatological Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The approved plan does not require precipitation and climatological data. None was submitted.
Non-Coal Waste report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A non-coal waste report is on file.
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Annual Overburden, Spoil, Refuse, Floor, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Vegetation Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The Permittee planted seedlings along the conveyor bench in early May 2004. Later in 2004, approximately 50-60% of the seedlings apparently survived.</p> <p>The Permittee reports that the 2003 planting had higher survival rate (30-40%) than the 2002 planting. The 2003 percent survival seems to have increased from the 2003 report. This discrepancy is probably because some of the apparently dead shrubs had only gone into dormancy.</p> <p>The Permittee plans another planting in spring 2005 of cliff rose, rabbitbrush, and Utah serviceberry.</p> <p>The Permittee also noted that they submitted a vegetation survey (qualitative only) of Woods and Winter Quarters area as part of the current subsidence amendment (MRP appendix volumes).</p>
Revegetation Success Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Above applies.
Raptor Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Required and "on-file" as indicated in Annual Report 2004 cover sheet.</p> <p>The Permittee conducted an over-flight survey to obtain baseline data within one year prior to subsidence of cliff habitat.</p>
Other Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Macroinvertebrate baseline surveys (2002/2003 [and 2003/2004]) for Woods and Winter Quarters required and submitted in the current subsidence amendment (MRP appendix volumes) as indicated in Annual Report 2004 cover sheet.</p> <p>Macroinvertebrate surveys (2003) for Eccles, James, and Burnout required and submitted in the Annual Report as indicated in Annual Report 2004 cover sheet. The Eccles report is the fifth survey following increased discharge. The objective of the monitoring is to determine the impact of the increased flows on the stream community. The Eccles report mentions that Eccles still shows signs of impact. The James and Burnout (J/B) report discusses conflicting results that cannot easily be explained and suggests that there is a decrease in habitat quality of both streams.</p> <p>Dennis Shiozawa of Mt. Nebo Scientific, Inc. conducted the macroinvertebrate and fish surveys since 2001.</p>