

2002 Annual Report Review

Permittee: Consolidation Coal Co
Mine Name: Emery Mine
Permit Number: C/015/015
Date Report Received: April 9, 2003

Assigned Reviewers:	Date Completed ▼
Stephen Demczak	May 7
Jerriann Ernstszen	July 28, 2003
David Darby	June 30, 2003

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"/>	Covered sheet was completed
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This information was reviewed in the latest amendment and is complete.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mine map submitted, P. E. certified
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water Monitoring information submitted in DOGM Water Quality Database.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Precipitation information was submitted in the MRP
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Non-coal waste is stored at designated sites on the mine pad. then hauled off to a designated landfill. There is non-coal waste material in the old sections of the mine (mining equipment). Report states no equipment.
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Information submitted, not certified
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Annual Impoundment submitted and certified. No hazardous conditions reported.
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The permittee states this information is at DOGM.

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SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Vegetation Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Not required as indicated in Annual Report 2002 cover sheet.</p> <p>However, as a reminder, Emery Deep Mine is required to research vegetation practices, survey previously reclaimed sites, submit a report to DOGM, possibly change the MRP revegetation protocol, and implement the protocol followed that showed the most success. The Permittee will use the most successful practices on previously reclaimed areas that have failed.</p> <p>The Permittee wil submit a full scope of work for this project to the Division by the end of March 2003 .</p> <p>The Permittee has intitiated this vegetation requirement in June, 2003.</p>
Revegetation Success Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Not required as indicated in Annual Report 2002 cover sheet.</p> <p>However, as a reminder, the Permittee will monitor reclaimed sites that are part of the vegetation requirement discussed above. Monitoring data will coincide with precipitation data results obtained from an on-site weather station. The Permittee will submit results and analysis in annual reports.</p>
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Not required as indicated in Annual Report 2002 cover sheet.</p>
Other Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Required, but not submitted.</p> <p>Macroinvertebrate and fish inventories were done in late September 2002 in Quitchupah Creek, Christiansen Wash and then immediately below the confluence of Quitchupah Creek with Christiansen Wash.</p> <p>These studies were sent to Louis Berg and Leroy Mead, DWR, on December 3, 2002 for their review and recommendations. Results of baseline studies done in the early 1980's should be compared to current survey results, providing that the two data sets contain comparable parameters. If the Permittee determines that the parameters of the data sets are not comparable, the Permittee must provide an explanation as to the reason(s) why the parameters of two sets are not comparable.</p> <p>The Division has not received the final report of the 2002 survey and analysis.</p> <p>The macroinvertebrate surveys will be conducted again in September 2003 and then every third year after that (Chapter IV Page 7a).</p>

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