

2002 Annual Report Review

Permittee: GENWAL Resources Inc.
Mine Name: Crandall Canyon
Permit Number: C/015/032
Date Report Received: July 15, 2003

Assigned Reviewers:	Date Completed ▼
Karl R. Houskeeper, Inspector/Engineer	July 21, 2003
Joe Helfrich, Biologist	August 1, 2003
Steve Fluke, Hydrologist	August 15, 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"/>	Cover sheet was included.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A sheet from the Utah Department of Commerce was included in the submittal. The sheet is taken from a web site and only contains the Resident Agent. The website (http://www.utah.gov/serv/bes?id=114276&action=details) can provide a list of Principal Agents for a cost of \$1.00. This information was not included in the submittal. No information is provided to allow a determination of accuracy. Resident agent information contained on the Department of Commerce page conflicts with the resident agent listed on the cover sheet.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A Mine Map showing the 2002 production areas was included in the annual report. This map does not show future development projections. The map is P.E. certified.
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water monitoring data is on file in the Division database for the four required monitoring quarters of 2002. A comprehensive report prepared by Petersen Hydrologic summarizing the 2002 water monitoring data is also included.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Precipitation data from April through December 2002 was submitted. A note stating data "not recorded prior to 3/02" is included. No temperature data submitted.

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SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required. The report indicates that no equipment was abandoned in the mine during 2002.
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsidence data is presented in tabular form with an elevation comparison from 1995 to 2002. Two maps were submitted. The first map shows the same information submitted in the report. The second map shows a profile of the subsidence at varied locations across mined out areas. The map depicts the underground works with elevation contours. The maps are not P.E. certified. A significant subsidence crack was detected during 2002. The crack was detected by the company surveyor and a Forest Service representative. The tension crack will be monitored in the future to observe the healing process.
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A certified report dated 01/23/03 for the sediment pond is contained in the annual report. The inspection was conducted on 12/26/02. The report is P.E. certified on 01/23/03. No structural weakness or hazards were noted in the report.
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The annual report did not contain any information pertaining to overburden, spoil, refuse, or floor. The site is an underground mine. No refuse piles are present at the mine site.
Vegetation Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required.
Revegetation Success Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required.
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required.
Other Information	<input type="checkbox"/>	<input type="checkbox"/>	

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