

## 2000 Annual Report Review

**Permittee:** Genwal Resources, Inc  
**Mine Name:** Crandall Canyon  
**Permit Number:** C/015/032  
**Date Report Received:** 04/05/2001

**Assigned Reviewers:** Bill Malencik, Inspector *MSM per page*  
Paul Baker, Biologist *MSM*  
Stephen J. Demczak, Engineer  
Mike Suflita, Hydrologist *MSM*

**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"/>	The Crandall Canyon Mine submitted the correct format. It meets the Division's requirements.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Crandall Canyon Mine submitted the AVS information. It meets the Division's requirements.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Crandall Canyon Mine submitted a mine map. It meets the Division's requirements.
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The water monitoring report was prepared by Mayo & Assoc and is perhaps one of the most complete I've seen. Raw data for each site is included, along with an analysis and a graph for each site. No anomalies were noted.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Already on file with the Division, but included in Annual Report also.
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stated no equipment abandond
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meet the R645 Coal Rules
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meets R645 coal rules, P.E. Certified
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No refuse pile
Vegetation Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required.

### 2000 Annual Report Review

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Revegetation Success Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Submitted qualitative vegetation data for topsoil piles for the purpose of demonstrating adequate erosion control. Topsoil pile 4 has less vegetation than the others and probably still needs other sediment control.
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required but will be required in 2001.
Other Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

O:\015032.CRA\FINAL\AR\_2000.doc