

## 2003 Annual Report Review

**Permittee:** PacifiCorp  
**Mine Name:** Cottonwood/Wilberg  
**Permit Number:** C/015/0019  
**Date Report Received:**

Assigned Reviewers:	Date Completed
Jim Smith <i>Hydrology DS</i>	June 14, 2004
Joe Helfrich, AVS, legal financial, biology <i>JH</i>	May 19, 2004
Wayne Western <i>W/W</i>	April 29, 2004

**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"/>	A completed cover sheet is included with the annual report information.
AVS; Legal/ Financial Update	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The permittee has referred to the information as being on file. That information needs to be updated and included in the annual report.
Mine Sequence Map	<input type="checkbox"/>	<input type="checkbox"/>	
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Submitted quarterly; annual report has additional information and data analysis, such as Stiff diagrams.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not required, but precipitation and temperature data are included in the Annual Report.
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Subsidence has stabilized
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ponds are in good shape
Annual Overburden, Spoil, Refuse, Floor, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No problems with refuse piles.
Vegetation Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Qualitative and quantitative data for the 2003 growing season were provided for the 35 sites at the Cottonwood Wilberg facility.

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SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Revegetation Success Monitoring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Some erosion was evident at several of the sites sampled. The extent of the erosion should be evaluated this growing season. The majority of the sites were doing well in spite of the continued drought. The color photographs referenced in the report have not been provided and should be included in the report.
Raptor Survey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A map of the 2003 survey is not included in Appendix "B" as indicated in the cover sheet. The survey map is included in appendix E of the report. However the supporting data has not been provided. The permittee needs to include this information in the report.
Other Information	<input type="checkbox"/>	<input type="checkbox"/>	

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