

2000 Annual Report Review

Permittee: PacifiCorp
Mine Name: Trail Mountain Mine
Permit Number: C/015/009
Date Report Received: April 3, 2001

Assigned Reviewers: Peter Hess, Engineer/Inspector *file per page*
Jim Smith, Hydrologist *JDS*
Paul Baker, Biologist *PB*

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 appears to be adequate and complete.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	List of PacifiCorp officers listed as part of Appendix C. Information is correct through 12/31/2000.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The year 2000 Trail Mountain Mine production map is not P.E. certified. LW extraction was conducted in 4 th Right, 3 rd Right, 2 nd Right and 1 st Right. CM development occurred in 2 nd Right and 1 st Right gate entries, set up faces and 2 nd Right bleeders. Mining ceased in March of 2001.
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water Monitoring data submitted quarterly. Numerous "parameter warnings" in 3rd and 4th quarter data indicate poor sample collection and handling techniques, poor lab technique, or both. The Permittee needs to collect and handle samples and monitor lab work with greater diligence.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Precipitation and temperature data for water year 2000 for Hunter Plant, Huntington Plant, Electric Lake, and East Mountain
Non-Coal Waste report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appendix E.

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SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Areas 23 and 24 of the Energy West annual subsidence report are relative to the Trail Mountain Mine. The analysis of Area 24 describes subsidence which was monitored during 1999 and 2000. Average extraction of the coal seam in this area was 9 feet. Cover ranges from 1400 to 2200 feet. Average subsidence in Area 24 was about 6 feet. The permittee states that all mine related subsidence in Area 24 has had no effect on the current land use or the hydrology in the area.
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4 th quarter and annual impoundment inspection/certification performed and P.E. certified by John Christensen on 1/4/01. No signs of hazardous or unstable conditions reported. Pond has 0.35 acre feet of sediment storage capacity remaining as of the date of the inspection (12/12/2000).
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required.
Vegetation Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The grass/shrub reference area should be re-marked, and it would be best to locate the corners with a GPS.
Revegetation Success Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Raptor Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Prairie falcon and golden eagle nests are close to the portals. The golden eagle nest was active with 2 eyases.
Other Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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