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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Division of Oil, Gas and Mining

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Division Director

Outgoing
C0150017
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January 8, 2009

Kenneth S. Fleck
Energy West Mining Company
P.O. Box 310
Huntington, Utah 84528

Subject: 2007 Annual Report Review, Des Bee Dove Mine, C/015/0017, Task ID # 3017
Outgoing File

Dear Mr. Fleck:

The Division staff has completed the 2007 Annual Report Review. Enclosed is a copy of the review for Des Bee Dove Mine, C/015/0017 completed on January 8, 2009.

Thank you for your diligence in completing the Annual Report. If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron Haddock
Permit Supervisor

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Enclosure
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2007 Annual Report Review

Permittee:	PacifiCorp		
Mine Name:	Des Bee Dove		
Permit Number:	C/015/0017		
Date Report Received:	September 15, 2008		
Assigned Reviewer:	Stephen J. Demczak	Date Completed	09/18/2008
	Ingrid Wieser, Biology		01/08/09

Instructions: The assigned inspector will review the Annual report during the third quarter complete inspection and provide a written determination (finding) 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 mine lead notified. A copy of this review will be filed with the Inspection Report. Should any of the sections require additional technical analysis, the inspector will notify the permit supervisor so that it can be scheduled during the 4th quarter.

SECTIONS TO REVIEW	SUBMITTED			FINDINGS
	YES	NO	NA	
Cover Sheet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
General Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Complete, legal and financial is in the MRP. The permittee has submitted the current list of Officers and Directors.
Identification of other Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has UPDES Permit but sediment pond reclaimed.
Annual Impoundment Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Annual Overburden, Spoil, Refuse, Floor, etc. Certified Report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Annual Technical Requirements (Commitments)				
Climatological	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No subsidence information available.
Vegetation monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The permittee has conducted a 2007 Vegetation Report. *See below
Raptor Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A 2007 raptor survey was conducted for all East and trail mountain properties. A Map of the locations of nests was submitted. None of the nests previously found in and around the Des Bee Dove site were surveyed in 2007. The report does not include nest activity and this would need to be submitted with future reports, but will be allowed for 2007 because no nests were surveyed for that year.
Soils Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Geological/Geophysical	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Engineering	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Non-Coal Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Abandoned Underground Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Complete, legal and financial is in the MRP. The permittee has submitted the current list of Officers and Directors.

2007 Annual Report Review

Mine Sequence Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mine map was in older Annual Reports
Other Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Vegetation Monitoring:

Mt. Nebo Scientific conducted year four of the ten-year responsibility period vegetation monitoring in 2007. The Des Bee Dove mine site existed prior to regulations, so a baseline vegetation inventory does not exist. Pat Collins of Mt. Nebo Scientific predicted that the pre-mine vegetation consisted mainly of Pinyon pine (*Pinus edulis*) and Utah juniper (*Juniperus osteosperma*) and Salina wildrye (*Elymus salinus*).

The vegetation sampling areas included the Beehive/ Little Mine area, substation area and switchbacks, the East and Bathhouse slopes of the Deseret Mine, the Pump house and access trail, and the Pinyon/juniper and Salt desert reference areas. Vegetation was measured for Cover, Frequency, Composition, woody species density and diversity. A photograph of each sampling site was also included in the report. ***A method for obtaining woody species density needs to be included in the report.***

Results are displayed in tables and graphs, but no analysis of the data was conducted. Parameters for most sites appear to be greater for the reclaimed areas when compared to the reference site.

*Note: At year ten for Phase III bond release: Woody species density will not be compared to the reference area. The success standard for density needs to be decided in consultation with DOGM and DWR (See Appendix A: Vegetation Information Guidelines). Also, if year four vegetation monitoring will be used to demonstrate R645-301-356.232 (that 80% of the woody species used for density calculations have been in place for 60% of the responsibility period), then year four monitoring report needs to include the methods used to obtain the woody species density calculations.

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