

4/015/018 Incoming

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			
Permit Number	ACT/015/018	Report Date	DEC. 27, 2011
Mine Name	Deer Creek		
Company Name	Energy West Mining Company		
Excess Spoil Pile or Refuse Pile I.D.	Pile Name	ELK CANYON/ORIGINAL SITE	
	Pile Number		
	MSHA ID Number	1211-UT-09-00121-01	
Inspection Date	DEC. 16, 2011		
Inspected By	John Christensen/Rick Cullum		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	2011 4th Quarter Inspection		
	Attachments to Report?	X	No Yes

Field Evaluation

Foundation preparation, including the removal of all organic material and topsoil.
The construction of both sites have been complete for some time in excess of 18 years. The foundations appear to be stable.

Placement of underdrains and protective filter systems.
None

Installation of final surface drainage systems.
The slopes of both sites have no rills, gullies or sloughage present.

Placement and compaction of fill materials.
No fill material is being placed at either site, since both are at their designed capacity. The Elk Canyon site contains approximately 24,000 yd³ original site 90,000 yd³ of fill material.

Final grading and revegetation of fill.
The sites are at capacity. The final grades are established and are re-vegetated.
Appearances of instability, structural weakness, and other hazardous conditions.
None were observed.

Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

There was approximately 2000 tons coal temporarily stacked at the Elk Canyon pad at the time of inspection.

Certification Statement I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: John Christensen, Sr. Construction Engineer

(Full Name and Title)



Signature: *John Christensen*

Date: 1/20/12

P.E. Number & State: 165651, Utah

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