

C/015/017, C/015/019 Incoming

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INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 1 of 1	
Permit Number	ACT/015/017/ACT/015/019	Report Date	DEC. 27, 2011
Mine Name	Cottonwood/Wilberg/Des-Bee-Dove/Trail Mountain		
Company Name	Energy West Mining Company		
Excess Spoil Pile or Refuse Pile I.D.	File Name	Cottonwood Waste Rock Site	
	File Number	1211-UT-09-01211-03	
Inspection Date	DEC. 16, 2011		
Inspected By	John Christensen/Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		2011 4th Quarter Inspection	
		Attachments to Report?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes

Field Evaluation

Foundation preparation, including the removal of all organic material and topsoil.
Foundation was prepared according to the approved plan.

Placement of underdrains and protective filter systems.
Not applicable.

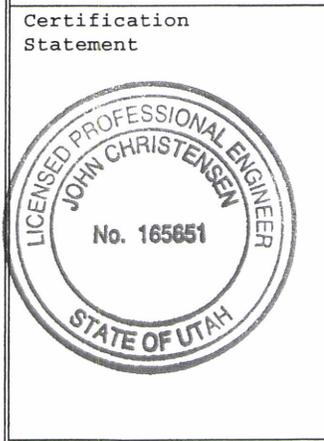
Installation of final surface drainage systems.
The out slopes of the containment berms are at their final configuration and have been revegetated. The inlet ditch to the pond has been lined with rip rap and is extended as the pile changes elevation.

Placement and compaction of fill materials.
The Trail Mountain Mine has ceased production. Mine refuse will no longer be hauled to this site. The site will remain active to accommodate future pond cleanings at Trail Mountain and Cottonwood Mines.

Final grading and revegetation of fill.
The out slopes of each containment/lift berm have had final grading and vegetation completed.

Appearances of instability, structural weakness, and other hazardous conditions.
None seen.

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.
The total storage capacity of the site is a 784,000 cubic yards. The elevation of the current lift varies with the required drainage slope. The surveyed elevation at the center of the active lift is 6,803.31 ft. The final design elevation will be 6,850 ft. The entire site is approximately 36% capacity. The useable area of the present lift is approximately 97%. The site was partially covered with snow 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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DIV. OF OIL, GAS & MINING

Permit Number	ACT/015/0017/ACT/015/019	Report Date	DEC. 27, 2011
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Mine Name: Cottonwood/Wilberg/Des-Bee-Dove

Company Name: Energy West Mining Company

Excess Spoil Pile or Refuse Pile Identification	File Name	Old Waste Rock Site
	File Number	
	MSHA ID Number	

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 Fourth Quarter Inspection
	Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes

Field Evaluation

Foundation preparation, including the removal of all organic material and topsoil.
Constructed according to plan.

Placement of underdrains and protective filter systems.
Not applicable.

Installation of final surface drainage systems.
All surfaces are at their final configuration and drainage established.

Placement and compaction of fill materials.
This site is complete and at capacity.

Final grading and revegetation of fill.
Site is complete and vegetation has been established.

Appearances of instability, structural weakness, and other hazardous conditions.
None 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.

The site will continued to be inspected until MSHA confirms the Refuse site has been abandoned.

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
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