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ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

October 15, 2001

Ms. Pamela Grubaugh-Littig
Permit Supervisor
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Incoming
C/015/018
Copy C/015/019
Copy C/015/017 ✓

Dear Ms. Grubaugh-Littig:

I am enclosing for submittal the 2nd. Quarter 2001 Engineering Inspection Reports for Cottonwood/Wilberg and Des Bee Dove Waste Rock Site and the old Waste Rock Site. Also, the Deer Creek Waste Rock Site and Elk Canyon/Original Site are enclosed.

Sincerely,

John Christensen

John Christensen, P.E.
Sr. Construction Engineer

Encls.

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DIVISION OF
OIL, GAS AND MINING

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

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INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			Page 1 of 32
Permit Number	ACT/015/0017/ACT/015/019	**Report Date**	OCT. 4, 2001
Mine Name	Cottonwood/Wilberg/Des-Bee-Dove		
Company Name	Energy West Mining Company		
Excess Spoil Pile or Refuse Pile Identification	**Pile Name**	Old Waste Rock Site	
	Pile Number		
	MSHA ID Number	42-01944 & 42-00988	
Inspection Date	9/26/01		
Inspected By	John Christensen/Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		2001 Third Quarter Inspection	
		Attachments to Report?	**x** No 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.

There hasn't been any changes at the site since the last 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: 10/5/01

P.E. Number & State: 165651, Utah

LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 165651 STATE OF UTAH

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			Page 1 of 2
Permit Number	ACT/015/017/ACT/015/019	**Report Date**	Oct. 4, 2001
Mine Name	Cottonwood/Wilberg/Des-Bee-Dove/Trail Mountain		
Company Name	Energy West Mining Company		
Excess Spoil Pile or Refuse Pile Identification	**Pile Name**	Cottonwood Waste Rock Site	
	Pile Number		
	MSHA ID Number	1211-UT-09-01211-03	
Inspection Date	Sept. 26, 2001		
Inspected By	John Christensen/Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	2001 Third Quarter Inspection		
	Attachments to Report? x No 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 refuse piles are leveled in lifts with trash and extraneous material sorted according to the permitted plan. The containment area in the North end of the site was partially cleaned of sediment. Some of the sediment from the Des-Bee-Dove pond cleaning remain in piles until the next berm construction. The site was partially leveled and cleaned in the 3rd Quarter 2001.

The Trail Mountain Mine has ceased production. Mine refuse will no longer be haul to this site. The site will remain active to accommodate future pond cleanings at Trail Mountain, Cottonwood and Des-Bee-Dove Mines.

Final grading and revegetation of fill.

The outslopes of each containment/lift berm have had final grading and vegetation completed.

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 1 of 2

Appearances of instability, structural weakness, and other hazardous conditions.

The south face of the refuse pile shows no indication of weakness or instabilities.

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 6,801.80 ft. The final design elevation will be 6,850 ft. The entire site is approximately 36% capacity. The estimated volume hauled to the site year to date as of August, 2001 was 2321 cubic yards. The useable area of the present lift is approximately 80%. The containment area was cleaned and mixed with refuse during the leveling process.

Certification Statement

LICENSED PROFESSIONAL ENGINEER
JOHN CHRISTENSEN
No. 165651
STATE OF UTAH

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:** 10/14/01

P.E. Number & State: 165651, Utah