



C/015/018 Incoming

Interwest Mining Company
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Huntington, UT 84528

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APR 11 2018

April 2, 2018

DIV. OF OIL, GAS & MINING

Utah Coal Program
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Subj: 1st Quarter 2018 Engineering Inspection Report for the Deer Creek Waste Rock Site (1211-UT-09-00121-02), PacifiCorp, Deer Creek Mine, C/015/0018, Emery County, Utah

PacifiCorp, by and through its wholly-owned subsidiary, Interwest Mining Company, as mine manager, hereby submits the 1st quarter 2018 engineering inspection report for the Deer Creek Waste Rock Site (1211-UT-09-00121-02).

Please note that as of January 4, 2018, the Deer Creek Waste Rock Site, which was sold to Bowie Refined Coal (BRC Wellington, LLC) in 2015, was returned to PacifiCorp. The warranty deed was submitted to DOGM on January 26, 2018 via email to the Division's document submittal site. PacifiCorp will maintain compliance of this site.

If you have any questions or concerns about this submittal please feel free to call me at 435-687-4721 or Dennis Oakley at 435-687-4825.

Sincerely,

Kenneth F. Fleck
Geology and Environmental Affairs Manager

Enclosures

Cc Scott Child
file

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 1 of 2	
Permit Number	C/015/0018	Report Date	March 30, 2018
Mine Name	Deer Creek		
Company Name	InterWest Mining Company		
Excess Spoil Pile or Refuse Pile Identification	Pile Name	Waste Rock Disposal Site	
	Pile Number		
	MSHA ID Number	42-02649	
Inspection Date	March 12, 2018		
Inspected By	Mark Reynolds/Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		2018 First Quarter Inspection	
		Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Field Evaluation			
<p style="text-align: center;">1.Foundation preparation, including the removal of all organic material and topsoil.</p> <p>All construction was completed according to the permitted, professional engineered design specifications in 1989.</p>			
<p style="text-align: center;">2.Placement of underdrains and protective filter systems.</p> <p>An under-drain was installed when the site was constructed in 1989. The drain had a small amount of flow coming through it at the time of the inspection.</p>			
<p style="text-align: center;">3.Installation of final surface drainage systems.</p> <p>All interim slopes have been maintained at their proper grade. The final slopes have been surveyed to assure they are correct. Also the two final designed rip-rap ditches were installed as per the permitted plan.</p>			
<p style="text-align: center;">4.Placement and compaction of fill materials.</p> <p>The site no longer receives Waste Rock from the Deer Creek Mine. NO Material has been delivered in 2015.</p>			
<p style="text-align: center;">5.Final grading and revegetation of fill.</p> <p>See No. 3. The sub-soil berm surrounding the site was seeded shortly after construction in 1989. The total capacity of Phase I is 468,215 yd³, this</p>			

includes both cells 1 and 2.

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

No weakness or instabilities are evident at this time.

7. 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.

CELL	ELEVATION *	DESIGN ELEV.	CAPACITY**
1 (Upper, northern)	6366.43	6369.2	87%
2 (Lower, southern)	6344.31	6369.2	44%

*The elevations were taken on top of the last compacted lift. The elevation of the dumped piles will not be surveyed until the active lift is compacted and leveled. The survey location is approximately the center of each cell.

** The capacity is based on the last survey elevation compared to available height of waste rock in each cell. To figure the available height an approximate elevation of the original ground was determined based on pre-construction ground contours. The capacity will be updated when a new elevation is survey. This site has been inactive throughout 2015. Production ceased on Jan.7,2015 no waste material has been transported to the waste rock site since 4th quarter 2014.

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 or my designee and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: Mark Reynolds, Sr. Construction Engineer
(Full Name and Title)

Signature: _____ Date: _____

P.E. Number & State: 5049079-2202, Utah

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment 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.

Signature:  Date: 3-30-18

Signature:  Date: 3/30/18

