



Interwest Mining Company  
Huntington Office  
P. O. Box 310  
15 No Main Street  
Huntington, UT 84528

C/015/018 Incoming  
cc: Karl

March 22, 2016

RECEIVED

MAR 30 2016

Mr. Darron Haddock  
Permit Supervisor  
1594 West North Temple, Suite 210  
Box 145801  
Salt Lake City, Utah 84114-5801

DEPT. OF OIL, GAS & MINING

Dear Mr. Haddock:

I am enclosing for submittal the 1st Quarter 2016 Engineering Inspection Reports for the Elk Canyon (1211-UT-09-00121-01) Waste Rock Site. Please make note that site 1211-UT-09-00121-02 was sold under a purchase agreement on August 4, 2015 to Bowie Refined Coal LLC. Because Bowie Refined Coal LLC (BRC) does not have an approved Mining & Reclamation Plan to date, the Division is requiring PacifiCorp to retain responsibility for inspecting & Reporting of the site 1211-UT-09-00121-02 until BRC secures its own permit PacifiCorp Will continue inspecting & reporting the conditions of this Waste Rock Site.

If you have any questions or concerns regarding this submittal, please feel free to contact Mr. Ken Fleck at 435-687-4712.

Sincerely,

Richard Cullum  
Coal Quality/Hydrology Specialist  
Interwest Mining Company

Encls.

<b>INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE</b>			
Permit Number	C/015/0018	Report Date	March 22, 2016
Mine Name	Deer Creek		
Company Name	InterWest 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	March 11, 2016		
Inspected By	Mark Reynolds/Rick Cullum		
Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	2016 1st 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 yd<sup>3</sup> original site 90,000 yd<sup>3</sup> 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: Mark Reynolds, Sr. Construction Engineer

(Full Name and Title)

Signature: *Mark Reynolds*

Date: 3-22-16

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



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 1 of 2	
Permit Number	C/015/0018	Report Date	March 22, 2016
Mine Name	Deer Creek		
Company Name	InterWest Mining Company (Ownership: Bowie Refined Coal LLC)		
Excess Spoil Pile or Refuse Pile Identification	File Name	Waste Rock Disposal Site	
	File Number		
	MSHA ID Number	42-02649	
Inspection Date	March 16, 2016		
Inspected By	Mark Reynolds/Rick Cullum		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		2016 First Quarter Inspection	
		Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
<b>Field Evaluation</b>			
<p>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>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>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>4.Placement and compaction of fill materials.</p> <p>The site no longer receives Waste Rock from the Deer Creek Mine.</p>			

NO Material has been delivered in 2015.

5. Final grading and revegetation of fill.

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 yd<sup>3</sup>, this 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. (site transferred to Bowie Refined coals LLC in Aug. 2015.)

\*\* 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 4<sup>th</sup> 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: *Mark Reynolds*

Date: 3-22-16

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: \_\_\_\_\_

*Mark A. Reynolds*

Date: \_\_\_\_\_

3-22-16

Signature: \_\_\_\_\_

Date: \_\_\_\_\_