



Q/015/018 Incoming
cc: Karl

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

June 25, 2018

Mr. Darron Haddock
Permit Supervisor
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED

JUN 27 2018

DIV. OF OIL, GAS & MINING

Dear Mr. Haddock:

I am enclosing for submittal the 2nd Quarter 2018 Engineering inspection reports for the Deer Creek Waste Rock Site (1211-UT-09-00121-02).

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

Sincerely,

Richard Cullum
Coal Quality/Hydrology Specialist
Interwest Mining Company

Encls.

**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

Page 1 of 2

Permit Number

C/015/0018

Report Date

June 19, 2018

Mine Name

Deer Creek

Company Name

InterWest Mining Company

**Excess
Spoil Pile or
Refuse Pile
Identification**

File Name

Waste Rock Disposal Site

File Number

MSHA ID Number

42-02649

Inspection Date

June 11, 2018

Inspected By

Mark Reynolds/Rick Cullum

Reason for Inspection
(Annual, Quarterly or Other Periodic Inspection,
Critical Installation, or Completion of Cons
truction)

2018 Second Quarter Inspection

Attachments to Report? No Yes

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

All construction was completed according to the permitted, professional engineered design specifications in 1989.

2. Placement of underdrains and protective filter systems.

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.

3. Installation of final surface drainage systems.

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.

4. Placement and compaction of fill materials.

The site no longer receives Waste Rock from the Deer Creek Mine. 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 yd³, 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.

** 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: *Mark Reynolds*

Date: 6-19-18

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 Reynolds*

Date: 6-19-18

Signature: *Richard Cuthbert*

Date: 6/25/18

