

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458
www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/005 Inspection Date : December 17, 2013
 Mine Name : Skyline Mine Quarter / Year : Q04/Y2013
 Mine Operator (Permittee) : Canyon Fuel Company, LLC Inspector Name : Carl W. Winters
 MSHA ID # : 42-01566; Pile 1211-UT-09-01566 Inspector Signature : *Carl W. Winters*
 Facility Name / Location / Address : 7 miles SW of Scofield, Utah. HC35 Box 380, Helper, Utah 84526

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes).
No obvious instability or structural weakness was observed during the 4th Quarter 2013 inspection. No signs of slumping or heating were observed. The previously exposed highwall has been backfilled. No instrumentation is used at the site.

2. Lift Height / Thickness Avg 2-ft Maximum _____ # _____ Elevation of Active Benches : _____

3. Vertical Angle of Outslope(s) / Location(s) where measured 1 1/2h:1v / _____ / _____ / _____

4. Total storage capacity: 334,125 tons (cu) Remaining storage capacity site expansion is Volume placed during year : ~1,358 tons

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
The Refuse Pile is currently disturbed, and material placement is occurring in previously disturbed areas.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
No material was placed in the Refuse Pile during the 4th Quarter 2013. Materials is typically stockpiled in preparation of final placement. Once a sufficient amount of waste rock has accumulated, the material is placed in lifts of 24-inches or less and com

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
There is no evidence of fires or burning on the refuse pile.

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
No under-drains are present or required at the site. Areas that are to final grade are capped with the prescribed amount of topso

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
No obvious instability or structural weakness, or other hazardous conditions were noted during the 3rd quarter 2013 inspection

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	<u>functioning as designed, but plan to add some rock in one ditch for</u>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	

Could failure of structure create an impoundment (provide description) ? Yes. Failure of the south slope could dam a small ephemeral stream.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : N/A

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 structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)

