

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

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**Quarterly Inspection Form - Refuse Disposal Areas**

(please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/005 Inspection Date : March 13, 2017  
 Mine Name : Skyline Mine Quarter / Year : Q01/Y2017  
 Mine Operator (Permittee) : Canyon Fuel Company, LLC Inspector Name : G. Galecki / Craig Brown  
 MSHA ID # : 42-01566; Pile 1211-UT-09-01566 Inspector Signature : \_\_\_\_\_  
 Facility Name / Location / Address : 7 miles SW of Scofield, Utah. HC35 Box 380, Helper, Utah 84526

- 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 1st Quarter 2017 inspection.**  
**No signs of slumping or heating were observed. No instrumentation is used at the site.**
- Lift Height / Thickness Avg 2-ft Maximum # \_\_\_\_\_ Elevation of Active Benches : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Vertical Angle of Outslope(s) / Location(s) where measured 1 1/2h:1v / \_\_\_\_\_ / \_\_\_\_\_
- Total storage capacity: 334,125 tons (cu) Remaining storage capacity site expansion is Volume placed during year : 0 tons
- 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.**  
**Subsoil that was collected from a DOGM reclamation project is stored in the lower topsoil/subsoil storage area.**
- Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :  
**No refuse material was placed at the site during the quarter.**  
**Once a sufficient amount of waste rock has accumulated, the material is placed in lifts of 24-inches or less and compacted in place.**
- 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.**
- 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 topsoil.**
- 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 1st Quarter 2017 inspection.**
- 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"/>	<b>appear to be functioning as designed. The area is covered in 3-ft of</b>
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.











