

## OGMCOAL - 0070005 Skyline Mine 2nd quarter 2011 Refuse Inspection Report

---

**From:** Priscilla Burton  
**To:** OGMCOAL  
**Date:** 6/15/2012 1:25 PM  
**Subject:** 0070005 Skyline Mine 2nd quarter 2011 Refuse Inspection Report  
**CC:** Gregg Galecki  
**Attachments:** 2ndQtr2011\_Refuse Report.pdf

---

Thanks Gregg.

>>> "Galecki, Gregg" <GGalecki@archcoal.com> Friday, June 15, 2012 1:15 PM >>>

Priscilla / Karl,

Attached is the 2<sup>nd</sup> quarter 2011 Refuse Pile Report. I don't know what happened to the first one – I thought it was submitted.

Let me know if you need anything else.

**Gregg A. Galecki**  
Environmental Engineer  
Canyon Fuel Company, LLC

Skyline Mine  
(435)448-2636

---

**From:** Priscilla Burton [mailto:priscillaburton@utah.gov]  
**Sent:** Friday, June 15, 2012 10:25 AM  
**To:** Galecki, Gregg; Karl Houskeeper  
**Subject:** Annual Reporting

Hi Gregg and Karl,  
I am reviewing Skyline's 2011 annual report and can not find the Refuse Pile inspection submitted 6/22/2011.

I have looked in both the internal and incoming folders and haven't found it. There was a report provided on 6/22/2011 for the pond inspections, but it did not include the refuse site inspection.

Our finalized annual report review letter is due 6/30. Maybe you can help me find this information before then.

Please copy me on any future submittals that pertain to waste rock information.  
Thanks,  
Priscilla.

---

\*\*\*Email Disclaimer: The information contained in this e-mail, and in any accompanying documents, may constitute confidential and/or legally privileged information. The information is intended only for use by the designated recipient. If you are not the intended recipient (or responsible for delivery of the message to the intended recipient), you are hereby notified that any dissemination, distribution, copying, or other use of, or taking of any action in reliance on this e-mail is strictly prohibited. If you have received this e-mail communication in error, please notify the sender immediately and delete the message from your system.

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			
Permit Number	C/007/005	Report Date	July 26, 2011
Mine Name	Skyline Mines		
Company Name	Canyon Fuel Company, LLC		
Excess Spoil Pile or Refuse Pile Identification	Pile Name	Skyline Waste Rock Site	
	Pile Number	1211-UT-09-01566-01	
	MSHA Mine ID Number	42-01566	
Inspection Date	June 27, 2011		
Inspected By	Gregg Galecki / Carl Winters		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Quarterly	
		Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
<b>Field Evaluation</b>			
<i>No significant problems with the waste site were observed during the 2nd quarter 2011.</i>			
1. <b>Foundation preparation, including the removal of all organic material and topsoil.</b> No contemporaneous reclamation was performed at the site during the quarter.			
2. <b>Placement of underdrains and protective filter systems.</b> No underdrains are present or required at this site. Areas that are to final grade are capped with the prescribed amount of topsoil, seeded, top-dressed with straw, then held in place with a matting material.			
3. <b>Installation of final surface drainage systems.</b> Existing surface is not at final contour. Therefore, final surface drainages have not yet been constructed. All surface runoff from the refuse pile is treated by the sediment pond. No water is allowed to impound on the pile. Runoff from the main access road below the sediment pond is treated by straw bale and silt fence dikes.			
4. <b>Placement and compaction of fill materials.</b> Approximately 13,000 tons of rock from the Winter Quarters Ventilation Facility (WQVF) was hauled to the site during the 2 <sup>nd</sup> quarter 2011. Waste rock typically deposited at the site is placed in lifts of 24-inches or less and compacted in place using a tracked dozer and sheeps-foot roller or another method to insure stabilization at final placement.			
5. <b>Final grading and revegetation of fill.</b> When the waste rock is placed permanently, contemporaneous reclamation of the waste rock pile will take place as the site is backfilled. The backfill slopes are built to 1 1/2h:1v or less and seeded as described in the final reclamation plan. The seed mix specified in the Reclamation Plan is planted after the placement of topsoil.			
6. <b>Appearances of instability, structural weakness, and other hazardous conditions.</b> No obvious instability or structural weakness was noted during the 2nd quarter 2011 inspection. No signs of slumping or heating			

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

were observed. The highwall that is reappearing due to the removal of material continues to be monitored to ensure no loose coal or rock is retained on the highwall. No hazardous conditions were noted on the highwall during the inspection.

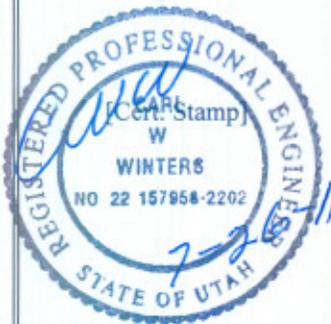
The sedimentation pond retained only minor water, not covering the entire bottom of the pond. Drainage ditches reporting from the pile to the Sedimentation pond were functioning as designed.

No hazardous conditions were observed at the time of the inspection, however the berm around the top of the pile was breached with the appearance of water reporting down the face of the slope to the pond and bypassing the designed ditch. The repairs were made following the inspection.

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.

Historic records indicated the total storage capacity was approximately 334,125 tons. An application to expand the size of the refuse pile was approved February 29, 2008. A portion of the expansion area has been used for topsoil storage. Approximately 13,000 tons of material was hauled to the sited during the 2<sup>nd</sup> quarter 2011.

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

By: Carl W. Winters, Engineering Manager

(Full Name and Title)

Signature: *Carl W. Winters* Date: July 26, 2011