

cc: Steve

0044



**Canyon Fuel Company, LLC**  
**Skyline Mines**  
HC 35 Box 380  
Helper, Utah 84526  
(435) 448-6463 Fax: (435) 448-2632

September 28, 2000

Utah Coal Program  
Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

*Incoming*

Re: Second Quarter 2000 Gob Pile Report (Waste Rock Site), Skyline Mine,  
ACT/007/005

To Whom It May Concern:

Please find enclosed with this letter the 2000 Second Quarter Gob Pile Report for the Skyline Mine, Canyon Fuel Company, LLC. During this quarter, approximately 5,219 tons of material was hauled to the site. Two of the samples analyzed contained selenium concentrations of 0.18 and 0.15 mg/Kg. The waste rock containing the selenium was placed in the northwest portion of the waste rock site and has since been buried with more than four feet of suitable material. If you have any questions regarding this report, please call me at (435) 448-2620.

Sincerely,

Chris D. Hansen  
Environmental Coordinator  
Canyon Fuel Company, LLC

Enclosures

**RECEIVED**

OCT 02 2000

DIVISION OF  
OIL, GAS AND MINING

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 1 of 2	
Permit Number	ACT\007\005	Report Date	27 June 2000
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	NA	
	MSHA ID Number	42-01566	
Inspection Date	27 June 2000		
Inspected By	Douglas E. Johnson		
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
Field Evaluation			
<p>1. Foundation preparation, including the removal of all organic material and topsoil.</p> <p>Removal of topsoil and vegetation had been completed prior to the first quarter of 2000.</p>			
<p>2. Placement of underdrains and protective filter systems.</p> <p>No underdrains are present or required at this site.</p>			
<p>3. Installation of final surface drainage systems.</p> <p>Existing surface is not at final contour. Therefore, final surface drainages have not yet been constructed. The existing surface drainage system includes a temporary ditch on the north side of the pile that captures undisturbed runoff from the drainage to the east of the site, the AML reclamation slopes north of the site, and the runoff from the ditch embankment. Runoff in the temporary ditch is treated through a straw bale dike before discharge. All other surface runoff from the refuse pile is treated by the sediment pond. Runoff from the main access road below the sediment pond is treated by straw bale dikes.</p>			
<p>4. Placement and compaction of fill materials.</p> <p>5,219 tons of waste rock were hauled this quarter</p>			

5. Final grading and revegetation of fill.

Contemporaneous reclamation of the waste rock pile is taking place as the site is backfilled with waste rock. The backfill slopes are built to 1 1/2h:1v or less and seed consistent with the final reclamation seed mix is planted after the placement of soil on top of the waste rock. New spring growth has begun at the site.

6. Appearances of instability, structural weakness, and other hazardous conditions.

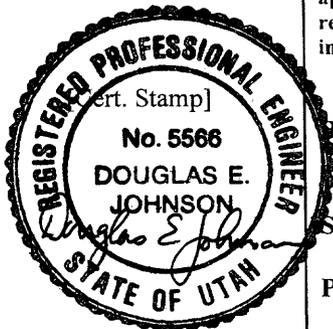
No signs of apparent instability, structural weakness or other hazardous conditions were noted. Some of the rip rap has moved downstream in a portion of the ditch toward the pond and will need to be replaced.

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.

The pile has a remaining storage capacity of approximately 55,531 tons. The total storage capacity as designed is 334,125. No evidence of fire was noted during the 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: DOUGLAS E. JOHNSON, MGR. ENGR  
(Full Name and Title)

Signature: Douglas E. Johnson Date: 6-27-2000

P.E. Number & State: 5566 UTAH



CASE NARRATIVE

**Client:** Canyon Fuel Co.  
**Project:** Skyline Mines  
**Set number:** 0300S02675 – 77  
**Date received:** June 30, 2000  
**Date reported:** July 25, 2000  
**Chain of Custody:** 54210

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The samples listed on COC number 54210 were received for analysis by Inter-Mountain Laboratories, Inc. in June 30, 2000. The analytical suite requested for each sample was Utah Guidelines Table 6. Enclosed are the results of the analyses.

All samples were analyzed on a dry-weight basis.

Exchangeable sodium percentage (ESP) analyses are required in Utah Guidelines Table 6 for all samples with sodium absorption ratio (SAR) values greater than 12 for clay soils or greater than 15 for sandy soils. ESP analyses were not required for the samples included in this set.

Sulfur fractionation analyses are required for all samples with ABP values less than zero. Sulfur fractionation analyses were not required for the samples included in this set.

Reviewed by:   
Eric J Jaquez, Soil Lab Supervisor



Inter-Mountain Laboratories, Inc.

2506 West Main Street

Farmington, New Mexico 87401

Tel. (505) 326-4737

Canyon Fuel Co.

Helper, UT

Client Project ID: Skyline Mine

IML Project #0300S02675

Date Received: 06/30/00

Report Date: 07/25/00

Lab Id	Sample Id	Depths	pH	EC	Saturation	Ca	Mg	Na	SAR	Sand	Silt	Clay	Texture USDA
			s.u.	mmhos/cm	%	meq/L	meq/L	meq/L		%	%	%	
0300S02675	GOB #1	N/A	7.5	3.92	34	29	17	7.4	1.5	76	16	8	SL
0300S02676	GOB #2	N/A	7.8	3.97	32	27	18	8.4	1.8	74	17	9	SL
0300S02677	GOB #3	N/A	8.6	4.16	30	33	9.5	7.8	1.7	72	19	9	SL



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Date Received: 06/30/00

Report Date: 07/25/00

Job Id	Sample Id	Depths	Total Sulfur %	AcidBase Total S t/kt	Neutral. Potential t/kt	ABP Total S t/kt
0300S02675	GOB #1	N/A	0.43	13.4	95.6	82.1
0300S02676	GOB #2	N/A	0.37	11.6	148.9	137.4
0300S02677	GOB #3	N/A	0.37	11.6	110.0	98.4



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Date Received: 06/30/00

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Lab Id	Sample Id	Depths	Boron mg/Kg	Selenium ABDTPA mg/Kg	TOC %	Nitrogen Nitrate mg/L	TKN %	1/3 Bar Water %	15 Bar Water %
0300S02675	GOB #1	N/A	1.3	0.18	5.6	2.77	<0.1	11.9	5.7
0300S02676	GOB #2	N/A	1.2	0.15	4.7	1.96	0.3	12.3	5.5
0300S02677	GOB #3	N/A	2.4	0.05	5.3	1.62	0.3	13.6	5.6