

0005



Canyon Fuel Company, LLC
Skyline Mines
P.O. Box 719
Helper, Utah 84526
435/448-6463 Fax: 435/448-2632

ACT 1007/005 #6

28 September 1999

~~Route to Daron~~
cc: Mike Sufita

Coal Regulatory Program
Attn: Mr. Daron Haddock
Permit Supervisor
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

RE: Second Quarter 1999 Waste Rock Pile Report for the Skyline Mines

Dear Mr. Haddock:

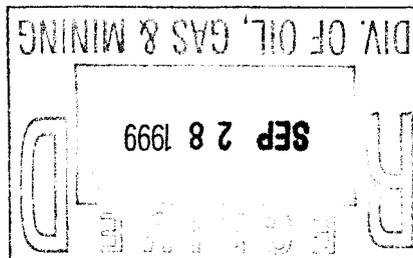
As required by the Skyline Mines Mining and Reclamation Plan, a copy of the certified inspection report for the Waste Rock Pile for the second quarter of 1999 is being submitted to the Division. Approximately 19,152 tons of waste rock was placed at the site during the second quarter of 1999. Copies of the results of the laboratory analysis of the waste rock samples obtained as required as part of the sampling program are attached. Only eight samples were obtained of the waste rock sent to the disposal site. Approximately 4,000 CY of material sent in the second quarter of 1999 had been previously tested in the previous quarters prior to shipment from the mine site. None of the previous waste rock sample analyses, as with these eight samples, exceeded the limits described in Table 6 of the Division's Guidelines for soil analysis. If you have questions regarding this report, please contact me at (435) 448-2669.

Sincerely,

A handwritten signature in cursive script that reads "Chris D. Hansen".

Chris D. Hansen
Environmental Coordinator
Canyon Fuel Company, LLC

attachments



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 1 of 2	
Permit Number	ACT/007/005	Report Date	4 August 199
Mine Name	Skyline Mines		
Company Name	Canyon Fuel Company, LLC		
Excess Spoil Pile or Refuse Pile Identification	File Name	Skyline Waste Rock Site	
	File Number	NA	
	MSHA ID Number	42-01566	
Inspection Date	30 June, 1999		
Inspected By	Doug 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			
1. Foundation preparation, including the removal of all organic material and topsoil. Not Applicable. Site was grubbed and waste material placed prior to this inspection.			
2. Placement of underdrains and protective filter systems. Not Applicable			
3. Installation of final surface drainage systems. Not Applicable			
4. Placement and compaction of fill materials. Fill is currently being placed in an expansion area of the waste rock site. The material is compacted using standard procedures. Normal compaction procedure includes the use of a drum roller and dozer.			

5. Final grading and revegetation of fill.

Contemporaneous reclamation is occurring as the waste area is backfilled. Final grading and seeding are occurring as part of contemporaneous reclamation. Vegetation appears to be adequate at this time.

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

No instability, structural weakness, or other hazardous conditions appeared to exist in the waste rock pile. However, a portion of a south facing slope reclaimed several years ago as part of an AML project exhibited minor slope failure. The failure appears to be approximately 18 feet wide, 35 feet long, and 3 to 4 feet deep. The majority of the slope will be covered as the waste site is backfilled.

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.

A total of 19,152 tons of waste rock have been hauled to the site in the second quarter of 1999.

Undisturbed runoff from the unnamed tributary to UP Canyon near the northeast corner of the waste rock site is temporarily being routed past the waste backfilling operations. The water is diverted through a six-inch ABS pipe. The flow discharges from the pipe into an existing ditch that reports to the sedimentation pond.

The remaining storage capacity of the waste rock site is approximately 35,000 tons.

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
(Full Name and Title)

Signature: Douglas E. Johnson Date: 8-5-99

P.E. Number & State: 5566 UTAH



InterMountain 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 #0399S02180

Date Received: 04/22/99

Report Date: 05/12/99

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	%	%	%		
0399S02180	GOB 1	N/A	7.1	1.50	32	11	4.5	3.0	1.1	66	21	13	SL
0399S02181	GOB 2	N/A	7.1	1.43	32	9.3	4.2	3.2	1.2	64	21	15	SL
0399S02182	GOB 3	N/A	7.4	1.63	32	8.4	7.0	4.0	1.5	80	13	7	LS
0399S02183	GOB 4	N/A	7.3	1.23	28	7.8	4.5	1.9	0.8	73	18	9	SL
0399S02184	GOB 5	N/A	7.4	1.48	33	10	6.3	2.1	0.7	76	16	8	SL
0399S02185	GOB 6	N/A	7.5	1.46	35	9.9	6.2	1.8	0.6	78	15	7	LS
0399S02186	GOB 7	N/A	7.4	1.61	33	9.9	7.0	2.0	0.7	76	17	7	SL
0399S02187	GOB 8	N/A	8.7	1.50	31	13	3.9	1.5	0.5	74	17	9	SL



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0399S02180	GOB 1	N/A	0.28	8.8	44.8	36.0
0399S02181	GOB 2	N/A	0.30	9.4	61.3	51.9
0399S02182	GOB 3	N/A	0.75	23.4	61.6	38.2
0399S02183	GOB 4	N/A	0.30	9.4	33.8	24.4
0399S02184	GOB 5	N/A	0.45	14.1	29.8	15.8
0399S02185	GOB 6	N/A	0.46	14.4	29.8	15.5
0399S02186	GOB 7	N/A	0.47	14.7	41.0	26.3
0399S02187	GOB 8	N/A	0.44	13.8	41.3	27.5



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Lab Id	Sample Id	Depths	Boron	Selenium	TOC	Nitrogen	TKN	1/3 Bar	15 Bar
			mg/Kg	ABDTPA mg/Kg	%	Nitrate mg/L	%	Water	Water
0399S02180	GOB 1	N/A	1.0	0.03	4.5	2.7	0.6	13.4	7.7
0399S02181	GOB 2	N/A	1.0	0.02	4.1	3.0	0.4	13.4	8.0
0399S02182	GOB 3	N/A	1.0	0.03	4.9	<0.2	0.9	11.0	5.9
0399S02183	GOB 4	N/A	0.8	0.05	4.1	<0.2	0.6	12.0	5.7
0399S02184	GOB 5	N/A	0.9	0.05	5.8	<0.2	0.9	12.8	6.6
0399S02185	GOB 6	N/A	0.9	0.05	6.0	<0.2	1.0	13.4	6.5
0399S02186	GOB 7	N/A	1.2	0.06	5.8	0.5	0.8	14.1	6.7
0399S02187	GOB 8	N/A	1.0	0.06	5.4	0.5	0.9	15.1	6.5



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			s.u.	mmhos/cm	%	meq/L	meq/L	meq/L		%	%	%	USDA
0399S02184	GOB 5	N/A	7.4	1.48	33	10	6.3	2.1	0.7	76	16	8	SL
0399S02184D	GOB 5	N/A	7.4	1.57	31	9.9	6.2	2.1	0.7	78	15	7	LS



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Lab Id	Sample Id	Depths	Total	AcidBase	Neutral.	ABP
			Sulfur	Total S	Potential	Total S
			%	t/kt	t/kt	t/kt
0399S02184	GOB 5	N/A	0.45	14.1	29.8	15.8
0399S02184D	GOB 5	N/A	0.44	13.8	30.6	16.8



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			mg/Kg	ABDTPA mg/Kg	- %	Nitrate mg/L	%	Water %	Water %
0399S02184	GOB 5	N/A	0.9	0.05	5.8	<0.2	0.9	12.8	6.6
0399S02184D	GOB 5	N/A	0.8	0.05	5.8	<0.2	1.0	12.6	6.6

