



Canyon Fuel Company, LLC  
SUFCA Mine  
397 South 800 West  
Salina, UT 84654  
(435) 286-4880 Fax: (435) 286-4499

August 12, 2004

Mr. Don Ostler, Director  
Department of Environmental Quality  
Division of Water Quality  
288 North 1460 West  
P.O. Box 144870  
Salt Lake City, Utah 84114-4870

RE: NPDES PERMIT UT-0022918

Dear Mr. Ostler:

According to the conditions of NPDES Discharge Permit UT-0022918, Part II-I-3 and Utah Coal Mining Rules R645-301-731.223, Canyon Fuel Company is providing the written notification of a failure to comply with the daily maximum limitation for Iron at outfall 003. The receiving stream for outfall 003 is Quitcupah Creek.

The daily maximum limit for total iron of 1.0 mg/l was exceeded because the sample taken on July 28, 2004 had an iron value of 2.62 mg/l. Sufco believes the cause of this high iron reading was due to a major power outage that lasted 25 hours the day before the sample was taken. This power outage flooded the mining sections in the mine and covered up some of the mining equipment. This mine flooding required higher than normal pumping flows in the underground sumps. These higher flows stirred up the sediments in the bottom of the sumps causing more suspended solids observed in the discharge water. Sufco believes the suspended coal fines in the water sample may have contained some iron pyrite that the total iron sample reading would have picked up since the dissolved iron sample reading level is below the minimum detection limit of <0.03 mg/l. The lower total iron reading of 0.15 mg/l on the discharge water sample taken a week later on August 4, 2004 is more back in line with our normal sample readings.

The results of the July 28, 2004 sample were received on August 9, 2004. This exceedance was reported by telephone on August 9, 2004 to Jeff Studenka at the Division of Water Quality.

Sufco had the water lab at SGS Minerals Services rerun the water sample taken on July 28, 2004 for both total and dissolved iron with the verbal results from the lab of total iron being the same at 2.62 mg/l and the dissolved iron at <0.03 MDL mg/l. The verbal results of the water sample taken on August 4, 2004 had an iron value of 0.15 mg/l.

Sincerely,  
CANYON FUEL COMPANY, LLC  
SUFCA Mine

Kenneth E. May  
Mine Manager

KEM/MLD:kb

cc: Division of Oil, Gas & Mining  
EPA - Water Management Division  
Ken May  
Chris Hansen

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*Learning*  
*8/16/04/0002*  
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*Steve Gluba*  
*for*  
*Pete*

RECEIVED

AUG 19 2004

DIV. OF OIL, GAS & MINING



Received

AUG 09 2004

Canyon Fuel Company  
SUFÇO Mine

August 4, 2004

CANYON FUEL COMPANY, SUFÇO MINE  
397 South 800 West  
Salina UT 84654

Sample identification by  
Sufcco

ID:UPDES 003A

Kind of sample Water  
reported to us

RECEIVED 1700  
SAMPLED 0740

Sample taken at Sufcco

FIELD MEASUREMENTS  
FLOW 4640 TEMP 14  
pH 7.02

Sample taken by Aquay Mecham

NOTES:

Date sampled July 28, 2004

Date received July 28, 2004

Page 1 of 1

Analysis report no. 59-26662

Parameter	Result	MRL	Units	Method	Analyzed		
					Date/Time/Analyst		
Iron, Total	2.62	0.050	mg/l	EPA 200.7	08-03-2004 1130	DI	
Solids, Total Dissolved	711	30	mg/l	EPA 160.1	07-29-2004 0900	DI	
Solids, Total Suspended	<5	5	mg/l	EPA 160.2	07-29-2004 0900	DI	



Respectfully submitted,  
SGS NORTH AMERICA INC.

Huntington Laboratory

Minerals Services Division  
P.O. Box 1020 Huntington UT 84628 1(435) 653-2311 1(435) 653-2436 www.sgs.com

Member of the SGS Group

TERMS AND CONDITIONS ON REVERS:



August 12, 2004

CANYON FUEL COMPANY, SUFCC MINE  
397 South 800 West  
Salina UT 84654

Sample identification by  
Sufco

ID:UPDES 003A

Kind of sample Water  
reported to us

RECEIVED 1420  
SAMPLED 0915

FIELD MEASUREMENTS

Sample taken at Sufco

FLOW 3321 TEMP 15  
pH 6.88

Sample taken by Aquay Mécham

NOTES:

Date sampled August 4, 2004

FILTERED @ LAB

Date received August 5, 2004

Page 1 of 1

Analysis report no. 59-26685

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Iron, Total	0.15	0.050	mg/l	EPA 200.7	08-11-2004 1540	DI
Solids, Total Dissolved	883	30	mg/l	EPA 160.1	08-10-2004 1030	BLP
Solids, Total Suspended	45	5	mg/l	EPA 160.2	08-10-2004 1030	BLP



Respectfully submitted,  
SGS NORTH AMERICA INC

Huntington Laboratory

SGS North America Inc | Minerals Services Division  
P.O. Box 1020, Huntington, UT 84628 t (435) 653-2311 f (435) 653-2436 www.sgs.com



August 12, 2004

CANYON FUEL COMPANY, SUFCO MINE  
397 South 800 West  
Salina UT 84654

Sample identification by  
Sufco

ID:UPDES 003A

Kind of sample Water  
reported to us

RECEIVED 1420  
SAMPLED 0915

Sample taken at Sufco

FIELD MEASUREMENTS  
FLOW 3321 TEMP 15  
pH 6.85

Sample taken by Aquay Mechan

NOTES:

Date sampled August 4, 2004

FILTERED @ LAB

Date received August 5, 2004

Page 1 of 1

Analysis report no. 59-26685

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Iron, Total	0.15	0.050	mg/l	EPA 200.7	08-11-2004 1545	DI
Solids, Total Dissolved	883	30	mg/l	EPA 160.1	08-10-2004 1030	ELP
Solids, Total Suspended	45	5	mg/l	EPA 160.2	08-10-2004 1030	ELP



Respectfully submitted,  
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