

0063

INCOMING
C0410002
Email Steve F.

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

November 10, 2003

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

Re: Water Monitoring Data Corrections

Dear Mr. Fluke:

The enclosed water monitoring data is information you requested in your email dated October 9, 2003.

If you have any questions or need additional information, please contact me at (435) 286-4421.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine



Michael L. Davis,
Environmental & Construction Supervisor

Encl.

sufpub\govt2003\dogmcorr\Sfluke031110.ltr.doc

RECEIVED

NOV 14 2003

DIV. OF OIL, GAS & MINING



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

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Committed To Excellence

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

Canyon Fuel Company, Sufco Mines
Attn. Mike Davis
397 South 800 West
Salina UT 84654

Dear Mike,

This letter is to inform you that the following sample's Oil & Grease results cannot be reported. Results from the sample-batch, which included your samples, are suspect due to the fact that all results, including quality control samples, were reported out of the oil and grease section as zero.

Sample # 24490 (Pines 006; 9/20/02)
Sample # 24491 (Pines 007; 9/20/02)

Upon investigation, it was determined that the cause was technician related and steps have been taken by CT&E to make sure such a problem will not recur. However, because the samples in question are no longer available for analysis, CT&E herein offers to assist in re-sampling those sites and analyzing the new samples at no charge.

CT&E understands that these samples may have been from the third-quarter sampling cycle. If it would be of assistance to you, we will be glad to call or meet with regulators regarding the samples. We can also supply you with our Corrective Action Response (CAR) for the incident if you so desire.

CT&E and especially we here at the Huntington Lab, apologize for any inconvenience or difficulties this situation may cause. We greatly value your business and we take pride in delivering you quality services. Through informing you of the incident and by following up on corrective actions we hope to demonstrate to you that our quality system is working even though our ultimate goal is to prevent problems before they arise. Brandon Pierce, Huntington Water Laboratory Supervisor, and I will be visiting with you regarding our service. Please feel free to call us at 435-653-2311, if you have questions or comments.

Respectfully,

Coco van den Bergh - Huntington Branch Manager
Commercial Testing & Engineering



Member of the SGS Group (Société Générale de Surveillance)



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

October 5, 2001

Ms. Kelly Coleman
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P. O. Box 144870
Salt Lake City, UT 84114-4870

Dear Ms. Coleman:

Enclosed are the September 2001, Discharge Monitoring Reports (DMR's) for the SUFCO Mine facility, permit number UT-0022918. Discharge points 001A and 002A had no outflows during the month. The outflow from point 003A had no exceedances for the month.

The mine site sediment pond associated with 002A was cleaned in late August and early September.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

Wesley K. Sorensen, P.E.
Technical Services Manager

WKS:kb

Encl.: September DMR's
cc: Mary Ann Wright, DOGM
Guy Pence, USFS Fishlake
Chris Hansen, Skyline
Compliance Officer, U.S. EPA, Denver
EPA Test Procedures & Water Monitoring File

PERMITTEE NAME/ADDRESS

(Include Facility Name/Location if different)

NAME Canyon Fuel Co., LLC
 ADDRESS SUFCO Mine
 397 South 800 West
 Salina, UT 84654
 FACILITY SUFCO Mine
 LOCATION SALINA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

UT0022918
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MAJOR

F - FINAL

Minesite

6" PIPE DISCHARGING MINE WATER

Form Approved

OMB No. 2040-0004

Approval expires 05-31-98

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 1	0 9	0 1	0 1	0 9	3 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (0-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW RATE 00056 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****		TWICE/ MONTH	MEASRD		
EFFLUENT GROSS VALUE													
PH 00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.5	*****	9.0	DAILY MX	SU	TWICE/ MONTH	GRAB		
EFFLUENT GROSS VALUE													
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	PERMIT REQUIREMENT	*****	*****	****	25	*****	35	*****	70	DAILY MX	MG/L	TWICE/ MONTH	GRAB
SEE COMMENTS BELOW													
SOLIDS, SETTLEABLE 00545 P 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5	DAILY MX	MG/L	TWICE/ MONTH	GRAB		
SEE COMMENTS BELOW													
OIL AND GREASE FREON EXTR-GRAV MET 00556 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10	DAILY MX	MG/L	TWICE/ MONTH	GRAB		
EFFLUENT GROSS VALUE													
IRON, TOTAL (AS FE) 01045 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0	DAILY MX	MG/L	TWICE/ MONTH	GRAB		
EFFLUENT GROSS VALUE													
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	*****	*****	TWICE/ MONTH	VISUAL		
EFFLUENT GROSS VALUE													

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 KENNETH E. MAY
 MINE MANAGER
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE
 435 286-4880
 AREA CODE NUMBER
 1 10 5
 YR MO DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DURING PRECIPITATION EVENTS SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF ISS REPORT N/A IN THE APPROPRIATE BLANK.

PERMITTEE NAME/ADDRESS

(Include Facility Name/Location if different)

NAME Canyon Fuel Co., LLC
 ADDRESS SUFCO Mine
 397 South 800 West
 Salina, UT 84654
 FACILITY SUFCO Mine
 LOCATION SALINA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

UT0022918
 PERMIT NUMBER

001 A
 DISCHARGE NUMBER

MAJOR

F - FINAL

Minesite

6" PIPE DISCHARGING MINE WATER

Form Approved

OMB No. 2040-0004

Approval expires 05-31-98

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
01	09	01	01	09	03
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: KENNETH MAY, GEN MGR

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGED ASSESSMENT 15614 1 0 0	*****			(94)	*****	*****	*****				
EFFLUENT GROSS VALUE	0		YES=1 NO=0		*****	*****	*****	****		TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	*****	*****	****	(19)	*****	*****	1200			TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	*****	*****	****		*****	*****	DAILY MX	MG/L		TWICE/MONTH	
OIL AND GREASE VISUAL 84066 1 0 0	*****	*****	(94)	*****	*****	*****	*****	****		TWICE/MONTH	VISUAL
EFFLUENT GROSS VALUE	*****	0	YES=1 NO=0		*****	*****	*****	****		TWICE/MONTH	

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER KENNETH MAY MINE MANAGER TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years)	TELEPHONE		DATE		
		435	286-4880	1	10	5
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.

PERMITTEE'S NAME/ADDRESS

(Include Facility Name/Location if different)

NAME Canyon Fuel Co., LLC
 ADDRESS SUFCO Mine
 397 South 800 West
 Salina, UT 84654
 FACILITY
 LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)
 UT0022918 002 A
 PERMIT NUMBER DISCHARGE NUMBER

MAJOR

F - FINAL
 SEDIMENTATION POND
 12" PIPE DISCHARGE FROM SEDIMENT POND

Form Approved
 OMB No. 2040-0004
 Approval expires 05-31-98

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0	1	0	9	0	1
0	1	0	9	3	0

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: ENVIRONMENTAL COORDINATOR

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only (46-53))			QUALITY OR CONCENTRATION (4 Card Only (38-45))				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE 00056 1 0 0	0.059	0.177	(03)	*****	*****	*****	*****				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****		TWICE/MONTH	MEASRD
PHI 00400 1 0 0	*****	*****	****	6.5	*****	9.0	DAILY MX	SU		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	DAILY MN	*****	DAILY MX	70		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	*****	*****	****	25	35	70	DAILY MX	MG/L		TWICE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	30DA AVG	MX 7D AVE	DAILY MX	MG/L		TWICE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 P 0 0	*****	*****	****	*****	*****	0.5	DAILY MX	MG/L		TWICE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	DAILY MX	MG/L		TWICE/MONTH	GRAB
OIL AND GREASE IRON EXTRA GRAM METH 00556 1 0 0	*****	*****	****	*****	*****	10	DAILY MX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	DAILY MX	MG/L		TWICE/MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	*****	*****	****	*****	*****	10	DAILY MX	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	DAILY MX	MG/L		TWICE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	*****	0	(94)	*****	*****	*****	*****	****		TWICE/MONTH	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****		TWICE/MONTH	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 KENNETH MAY
 MINE MANAGER
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

JK Samson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
 435 286-4880
 AREA CODE NUMBER YR MO DA
 1 10 5

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK
 DISCHARGED FOR 8 DAYS PRIOR TO CLEANING SEDIMENT POND

PERMITTEE NAME/ADDRESS
(Include Facility Name/Location if different)

NAME Canyon Fuel Co., LLC
ADDRESS SUFCO Mine
397 South 800 West
Salina, UT 84654
FACILITY SUFCO Mine
LOCATION SALINA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) UT0022918 PERMIT NUMBER
(17-19) 002 A DISCHARGE NUMBER

MAJOR

F - FINAL
SEDIMENT POND
12" PIPE DISCHARGING FROM SEDIMENT POND

Form Approved
ONIB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 1	0 9	0 1	0 1	0 9	3 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	*****			(94)	*****	*****	*****				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****		TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	*****	*****			*****	*****		(19)			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2000 LBS/DAY	LBS/DAY		TWICE/MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0	*****			(94)	*****	*****	*****				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****		TWICE/MONTH	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME TITLE PRINCIPLE EXECUTIVE OFFICER KENNETH E. MAY MINE MANAGER TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		435	286-4880	1	10	5
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.
DISCHARGED FOR 8 DAYS PRIOR TO CLEANING POND

PERMITEE NAME/ADDRESS

(Include Facility Name/Location if different)

NAME Canyon Fuel Co., LLC
 ADDRESS SUFCO Mine
 397 South 800 West
 Salina, UT 84654
 FACILITY SUFCO Mine
 LOCATION SALINA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

UT0022918
 PERMIT NUMBER

003 A
 DISCHARGE NUMBER

MAJOR

F - FINAL

MINE SITE

16" PIPE DISCHARGING MINE WATER

Form Approved

OMB No. 2040-0004

Approval expires 05-31-93

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
01	09	01	01	09	30
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (0)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
FLOW RATE 00056 1 0 0	MEASUREMENT	1.683	3.109	(03)	*****	*****	*****	0	2/ 30	MEASRD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	TWICE/MONTH	MEASRD
PH 00400 1 0 0	MEASUREMENT	*****	*****	****	7.39	*****	7.59	0	2/ 30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY MN	*****	9.0 DAILY MX	SU	TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	MEASUREMENT	*****	*****	****	<7	*****	<7	0	2/ 30	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	25 30DA AVG	35 7D AV	70 DAILY MX	MG/L	TWICE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 P 0 0	MEASUREMENT	*****	*****	****	*****	*****	NA	0	TWICE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5 DAILY MX	MG/L	TWICE/MONTH	GRAB
OH AND GREASE 00556 1 0 0	MEASUREMENT	*****	*****	****	*****	*****	NA	0	TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10 DAILY MX	MG/L	TWICE/MONTH	GRAB
IRON, TOTAL (ASTF) 01045 1 0 0	MEASUREMENT	*****	*****	****	*****	*****	<0.2	0	2/ 30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0 DAILY MX	MG/L	TWICE/MONTH	GRAB
FLOATING SOLIDS OR VISIBL FOAM VISUAL 45613 1 0 0	MEASUREMENT	*****	0	(04)	*****	*****	*****	0	2/ 30	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****	TWICE/MONTH	VISUAL

NAME/TITLE KENNETH E. MAY MINE MANAGER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years)	TELEPHONE		DATE
		435	286-4880	1 10 5 YR MO DA
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>[Signature]</i>	AREA CODE	NUMBER	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.

PERMITEE NAME/ADDRESS

(Include Facility Name/Location if different)

NAME Canyon Fuel Co., LLC
 ADDRESS SUFCO Mine
 397 South 800 West
 Salina, UT 84654
 FACILITY SUFCO Mine
 LOCATION SALINA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)
 UT0022918 003 A
 PERMIT NUMBER DISCHARGE NUMBER

MAJOR

F - FINAL
 SEDIMENT POND
 16" PIPE DISCHARGING MINE WATER

Form Approved
 OMB No. 2040-0004
 Approval expires 05-31-98

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
0	1	0	0	1	0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE ***

NOTE: Read instructions before completing this form.

ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (94)	MINIMUM (38-45)	AVERAGE (46-53)			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	SAMPLE MEASUREMENT	*****	0	(94)	*****	*****	0	2/ 30	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	0	TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	SAMPLE MEASUREMENT	*****	*****	(94)	*****	*****	0	2/ 30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0	TWICE/MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0	SAMPLE MEASUREMENT	*****	0	(94)	*****	*****	0	2/ 30	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	0	TWICE/MONTH	VISUAL
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER
 KENNETH E. MAY
 MINE MANAGER
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years)

TELEPHONE
 435 286-4880

DATE
 1 10 5
 YR MO DA

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.



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

January 21, 2002

Ms. Kelly Coleman
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P. O. Box 144870
Salt Lake City, UT 84114-4870

Dear Ms. Coleman:

Enclosed are the December 2001, Discharge Monitoring Reports (DMR's) for the SUFCO Mine facility, permit number UT-0022918. Discharge points 001A and 002A had no outflow during the month. The outflow from point 003A had two exceedances for the month on TDS. Both exceedances were reported as required by the UPDES permit.

Biomonitoring requirements for the quarter were passed using fathead minnows during December.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

Wesley K. Sorensen, P.E.
Technical Services Manager

WKS:kb

Encl.: December DMR's
cc: Mary Ann Wright, DOGM
Mary Erickson, USFS Fishlake
Chris Hansen, Skyline
Compliance Officer, U.S. EPA, Denver
EPA Test Procedures & Water Monitoring File

W.E.T. Inc.

Water & Environmental Testing Inc. 235 West 400 South, American Fork, Utah 84003 (801)763-0660 (801)763-0440

Acute Test Report Cover Letter

December 19, 2001

Southern Utah Fuel Co.
Attn: Ruth Wayman
397 South 800 West
Salina, Utah 84654

Dear Ruth,

Enclosed is the report for the sample dated 12/10/2001. The laboratory number assigned to this sample(s) is # 4822. The sample was tested for acute toxicity using Fathead Minnows following the procedures listed in EPA Section 9. This report is comprised of 6 pages which include;

Cover Letter,
Acute Whole Effluent Toxicity Report Fathead Minnows,
Region VIII guidance for Acute Whole Effluent Reporting Fathead Minnows,
Acute Whole Effluent Toxicity Chemical Report,
Data Reduction LC50, (none)
Reference Toxicant Chart Fathead Minnows,
and a copy of the completed Chain of Custody.

Our reports have been designed to meet requirements of National Environmental Accreditation Program, (NELAP), section 5.13. All these pages *together* constitute the final report, individual pages should not be removed. If copied, the report must be reconstructed in full. If you have not received any of these pages, or if you have any questions please give us a call at 801-763-0660. We look forward to doing business with you in the future.

Sincerely,



Lee Rawlings
Lab Director

QA/QC Flags: None

Comments:

Acute Whole Effluent Toxicity Report Fathead Minnow

DATE: December 19, 2001

PERMITTEE NAME: Southern Utah Fuel Co.

NPDES NO: UT0022918 OUTFALL NO: PT003

TEST (Animal/Age): Fathead Minnow, 8 days.

SAMPLE (Date/Type): 12/10/01 Grab.

DATE/TIME TEST BEGAN: 12/10/01 7:00 pm

DATE/TIME TEST COMPLETED: 12/14/01 6:00 pm

TEST CONDITIONS

Fathead Minnow larvae were exposed to diluted effluent as specified by the permit. At the end of the test period Survival was measured to determine if Acute Toxicity was present in the sample.

Animal Age at Test Start	Fathead Minnow, 8 days.
Number of Organisms/Dilution Volume/Replicates	10 organisms/150 mL/2 replicates
Food	Fed before starting test and at 48 hours, newly hatched brine shrimp.
Aeration	None required.
Dissolved Oxygen	Measured daily old/new.
Water Replacement	Renewed daily.
Temperature	20 ± 1 degrees C.
Photo Period	16 hours light 8 hours dark.
pH	Measured initially and at 24 hours.
Dilution Water	Reconstituted lab water approx. 200 mg/L hardness.
Receiving Water	Supplied with sample. Used for dilutions.
Sample Concentrations	Control, 6.25, 12.5, 25, 50, 100%.

SUMMARY

Results: X Pass Fail

There was NO significant effect on survival.

Enclosed are data sheets and statistical reports.

Sincerely,



Lee Rawlings
Water & Environmental Testing, Inc.

Enclosure

Region VIII Guidance for Acute Whole Effluent Reporting

PERMITTEE NAME: Southern Utah Fuel Co.

NPDES NO: UT0022918 OUTFALL NO: PT003

50% MORTALITY TEST: X Pass Fail LC50: >100

TEST (Animal/Age): Fathead Minnow, 8 days.

SAMPLE (Date/Type): 12/10/01 Grab.

DATE/TIME TEST BEGAN: 12/10/01 7:00 pm

DATE/TIME TEST COMPLETED: 12/14/01 6:00 pm

Survival Totals

	Dilutions (% Effluent)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial	20	na	20	20	20	20	20
24 hrs	20	na	20	20	20	20	20
48 hrs	20	na	20	20	20	20	20
72 hrs	20	na	20	20	20	20	20
96 hrs	19	na	20	20	20	20	20

Max/Min Values

	Dilutions (% Effluent)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Dissolved Oxygen	8.4/5.3	na	8.5/4.8	8.5/5.6	8.2/5.8	8.4/5.6	8.9/5.6
Temperature (°C)	20.2/19.0	na	20.2/19.0	20.2/19.0	20.2/19.0	20.0/19.0	20.0/19.0

Receiving Water used for Dilution? (Y of N) N

Hardness, mg/L CaCO₃: Receiving Water na Recon Water 184 Effluent 732

Initial Total Residual Chlorine, mg/L Cl₂ 100% Effluent: <0.05

Reconstituted pH: Initial 7.69 After 24 hours 7.50

Receiving Water pH: Initial na After 24 hours na

pH in 100% Effluent: Initial 7.62 After 24 hours 7.86

Ammonia as N, mg/L: 100% Effluent <0.05 Receiving Water <0.05 Recon <0.05

Conductivity, umhos/cm: 100% Effluent 1,624 Receiving Water na

Alkalinity, mg/L CaCO₃: 100% Effluent 384 Receiving Water na

Analyst: Lee Rawlings Laboratory: Water & Environmental Testing, Inc.

Signature: *Lee Rawlings*

Date: 12/20/01

Comments: _____

Acute Whole Effluent Toxicity Chemical Result Report

December 19, 2001

CUSTOMER NAME:

Southern Utah Fuel Co.
Attn: Ruth Wayman
397 South 800 West
Salina, Utah 84654

PHONE NUMBER: (435)637-4880

FAX NUMBER: (435)634-3296

SAMPLE DESCRIPTION:

Chemistries to go with Acute Fathead Minnow Toxicity Test Collected 12/10/2001.

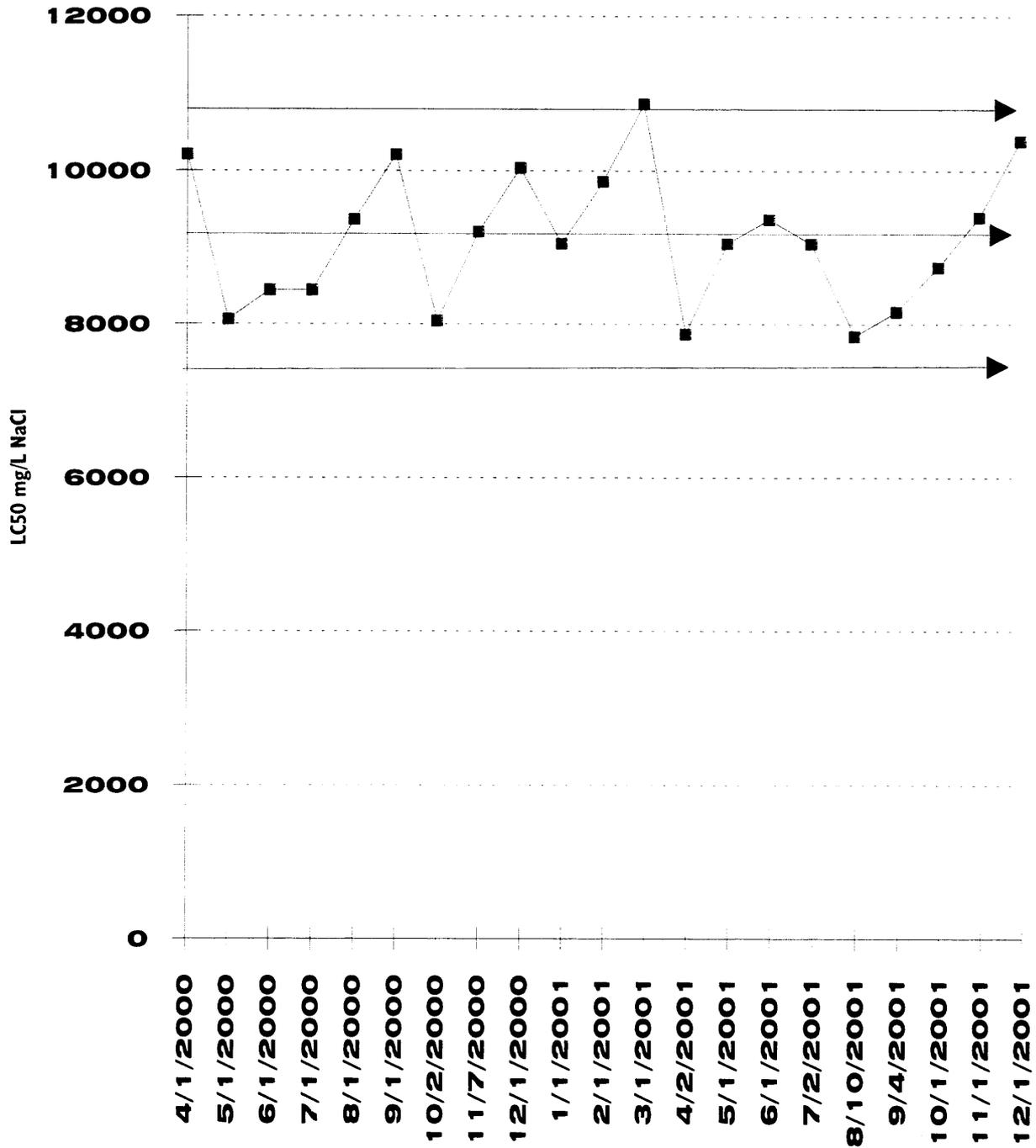
Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)	4822	184 mg/L
	Total Hardness, Effluent (EPA 130.2)	4822	732 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	na	na mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	4822	<0.05 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	na	na mg/L
	Initial Chlorine Residual (EPA 330.5)	4822	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	4822	na mg/L
	Conductivity, Effluent (EPA 120.1)	4822	1,624 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	4822	384 mg/L CaCO ₃
	Conductivity, Receiving Water (EPA 120.1)	na	na umhos/cm
	Alkalinity, Receiving Water (EPA 310.1)	na	na mg/L CaCO ₃
	Recon Initial pH (EPA 150.1)	4822	7.69
	After 24 hours pH (EPA 150.1)	4822	7.50
	100% Initial pH (EPA 150.1)	4822	7.62
	100% After 24 hours pH (EPA 150.1)	4822	7.86
	Receiving Water Initial pH (EPA 150.1)	na	na
	Receiving Water After 24 hours pH (EPA 150.1)	na	na



Analyst: Lee Rawlings, Chemist
Water & Environmental Testing, Inc.

REFTOX.FM Chart 4

Acute Reference Toxicant Fathead Minnow December 2001



Chain of Custody Record

Customer: SUF CO	Sampler: A QUAY MECHAM
Sample Date: 12-10-01	Project:

Sample Information

Sample #	Date	Time	Composite <u>Grab</u>	Location	Analysis Requested
1	12/10/01	0750	✓	PT003 DISCHARGE	FAT HEAD ACUTE MINNOW

Sample Custody Record

Relinquished by: <i>A Quay Mecham</i>	Received by: <i>Mike Davis</i>	Date/Time 12-10-01 8:11 AM
Relinquished by: <i>Mike Rawlings</i>	Received by: <i>Mike Rawlings</i>	Date/Time 12-10-01 1:10 pm
Relinquished by: <i>Mike Rawlings</i>	Received by: <i>Mike Rawlings</i>	Date/Time 12/10/01 7:00 pm
Sample Received in Lab by <i>JA</i>	Date/Time 12-10-01 1:10 pm	

Comments: _____

Temperature Received in the Lab: Effluent: 10°c 5.0 ^{CP}
 Receiving Water: _____

W.E.T. Inc. Use Only

Cooler: Wet Ice <input checked="" type="checkbox"/> Blue Ice _____ None _____	Hand Delivery <input checked="" type="checkbox"/> W.E.T. Inc. Courier _____ Shipped _____	Arrived in Shipping Container: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Sealed: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Samples Custody Seals Used Y / <input checked="" type="checkbox"/> N Intact Y / <input type="checkbox"/> N	Samples- COC and Labels Match? Yes _____ No _____
Broken / Leaking? Yes _____ No <input checked="" type="checkbox"/>	Correct Containers Used? Yes <input checked="" type="checkbox"/> No _____	Sufficient Quantity Sample? Yes _____ No _____	Sufficient Quantity of Receiving Water? Yes _____ No _____	



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

March 19, 2002

Ms. Kelly Coleman
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P. O. Box 144870
Salt Lake City, UT 84114-4870

Dear Ms. Coleman:

Enclosed are the February 2002, Discharge Monitoring Reports (DMR's) for the SUFCO Mine facility, permit number UT-0022918. Discharge points 001A and 002A had no outflow during the month. The outflow from point 003A had no exceedances for the month.

The acute biomonitoring for the quarter was successfully passed using Ceriodaphnia.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

A handwritten signature in black ink that reads "Wesley K. Sorensen".

Wesley K. Sorensen, P.E.
Technical Services Manager

WKS:kb

Encl.: February DMR's
cc: Mary Ann Wright, DOGM
Mary Erickson, USFS Fishlake
Chris Hansen, Skyline
Compliance Officer, U.S. EPA, Denver
EPA Test Procedures & Water Monitoring File

W.E.T. Inc.

Water & Environmental Testing Inc. 235 West 400 South, American Fork, Utah 84003 (801)763-0660 Fax(801)763-0440

Acute Cover Letter

Received

February 22, 2002

FEB 28 2002

Southern Utah Fuel Co.
Attn: Ruth Wayman
397 South 800 West
Salina, Utah 84654

Canyon Fuel Company
SUFCO Mine

Dear Ruth,

Enclosed is the report for the sample dated 2/20/02. The laboratory number assigned to this sample(s) is #4927. The sample was tested for acute toxicity using *Ceriodaphnia dubia* following the procedures listed in EPA Section 9. This report is comprised of 6 pages which include;

Cover Letter,
Acute Whole Effluent Toxicity Report *Ceriodaphnia dubia*,
Region VIII guidance for Acute Whole Effluent Reporting *Ceriodaphnia dubia*,
Acute Whole Effluent Toxicity Chemical Report,
Data Reduction, (None Required)
Reference Toxicant Chart *Ceriodaphnia dubia*,
and a copy of the completed Chain of Custody.

Our reports have been designed to meet requirements of National Environmental Accreditation Program, (NELAP), section 5.13. All these pages *together* constitute the final report, individual pages should not be removed. If copied, the report must be reconstructed in full. If you have not received any of these pages, or if you have any questions please give us a call at 801-763-0660. We look forward to doing business with you in the future.

Sincerely,



Lee Rawlings
Lab Director

QA/QC Flags: None

Comments:

Acute Whole Effluent Toxicity Report Ceriodaphnia

DATE: February 22, 2002

PERMITTEE NAME: Southern Utah Fuel Co.

NPDES NO: UT 0022918

OUTFALL NO: PT 003

TEST (Animal/Age): Ceriodaphnia <24 hours.

SAMPLE (Date/Type): 2/20/02 Grab.

DATE/TIME TEST BEGAN: 2/20/02 12:40 p.m.

DATE/TIME TEST COMPLETED: 2/22/02 12:15 p.m.

TEST CONDITIONS

Ceriodaphnia dubia neonates were exposed to diluted Effluent as specified by the permit. At the end of the test period Survival was measured to determine if Acute Toxicity was present in the sample.

Animal Age at Test Start	<24 hours.
Number of Organisms/Dilution Volume/Replicates	5 organisms/15 mL/4 replicates.
Food	Fed YTC and Algae before starting test.
Aeration	None required.
Dissolved Oxygen	Measured daily old/new.
Water Replacement	Renewed daily.
Temperature	20 ± 1 degrees C.
Photo Period	16 hours light 8 hours dark.
pH	Measured initially and at 24 hours.
Dilution Water	Reconstituted lab water approx. 200mg/L hardness.
Receiving Water	Supplied with sample. Used for dilutions.
Sample Concentrations	Control, 6.25, 12.5, 25, 50, 100%.

SUMMARY

Results: X Pass Fail

There was NO significant effect on survival.

Enclosed are data sheets and statistical reports.

Sincerely,


Lee Rawlings
Lab Director

Enclosure

Region VIII Guidance for Acute Whole Effluent Reporting

PERMITTEE NAME: Southern Utah Fuel Co. NPDES NO: UT 0022918

OUTFALL NO: PT 003

50% MORTALITY TEST: Pass Fail LC50: >100%.

TEST (Animal/Age): Ceriodaphnia <24 hours.

SAMPLE (Date/Type): 2/20/02 Grab.

DATE/TIME TEST BEGAN: 2/20/02 12:40 p.m.

DATE/TIME TEST COMPLETED: 2/22/02 12:15 p.m.

Survival Totals

	Dilutions (% Effluent)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial	20	na	20	20	20	20	20
24 hrs	20	na	20	20	20	20	20
48 hrs	20	na	20	19	20	20	20

Max/Min Values

	Dilutions (% Effluent)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Dissolved Oxygen	8.8/7.2	Na	8.8/7.3	8.8/7.3	8.8/7.4	8.7/7.4	8/8/7.4
Temperature (°C)	20.4/19.2	Na	20.4/19.2	20.4/19.2	20.4/19.2	20.4/19.2	20.4/19.2

Receiving Water used for Dilution? (Y of N) N

Hardness, mg/L CaCO3: Receiving Water na Recon Water 192 Effluent 788

Initial Total Residual Chlorine, mg/L Cl2 100% Effluent: <0.05

Reconstituted pH: Initial 7.92 After 24 hours 8.03

Receiving Water pH: Initial na After 24 hours na

pH in 100% Effluent: Initial 7.49 After 24 hours 8.05

Ammonia as N, mg/L: 100% Effluent Initial <0.05 Receiving Water na Recon Initial <0.05

Conductivity, umhos/cm: 100% Effluent 1,526 Receiving Water na

Alkalinity, mg/L CaCO3: 100% Effluent 324 Receiving Water na

Laboratory Director: Lee Rawlings

Laboratory: Water & Environmental Testing, Inc.

Signature: 

Date: 2/23/02

Comments: _____

Acute Whole Effluent Toxicity Chemical Result Report

February 22, 2002

CUSTOMER NAME:

Southern Utah Fuel Co.
Attn: Ruth Wayman
397 South 800 West
Salina, Utah 84654

PHONE NUMBER: (435)637-4880

FAX NUMBER: (435)634-3296

SAMPLE DESCRIPTION:

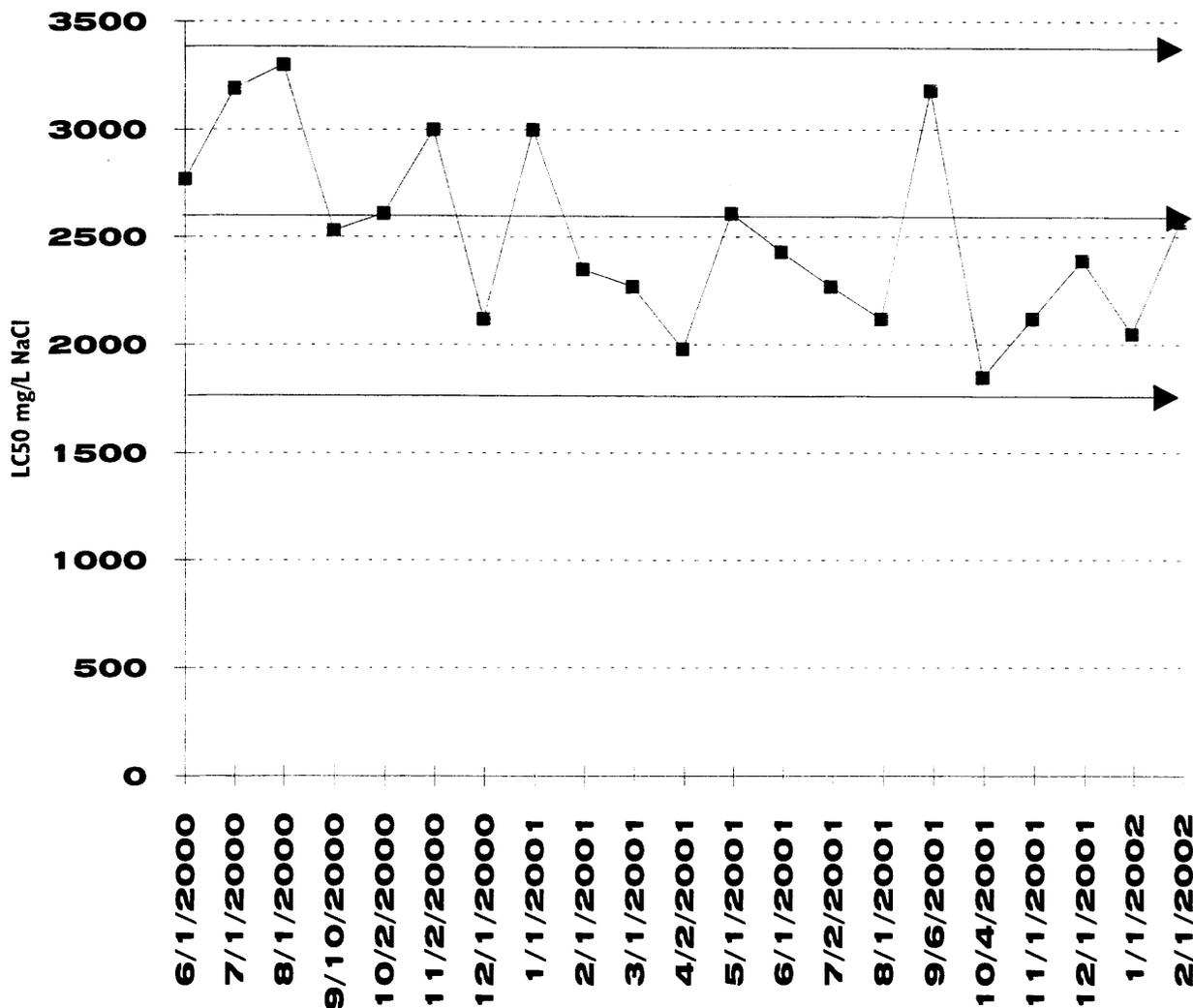
Chemistries to go with Acute Ceriodaphnia Toxicity Test Collected 2/20/02.

Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)	4927	192 mg/L
	Total Hardness, Effluent (EPA 130.2)	4927	788 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	Na	na mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	4927	<0.05 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	Na	na mg/L
	Initial Chlorine Residual (EPA 330.5)	4927	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	4927	na mg/L
	Conductivity, Effluent (EPA 120.1)	4927	1,526 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	4927	324 mg/L CaCO ₃
	Conductivity, Receiving Water (EPA 120.1)	Na	na umhos/cm
	Alkalinity, Receiving Water (EPA 310.1)	Na	na mg/L CaCO ₃
	Recon Initial pH (EPA 150.1)	4927	7.92
	After 24 hours pH (EPA 150.1)	4927	8.03
	100% Initial pH (EPA 150.1)	4927	7.49
	100% After 24 hours pH (EPA 150.1)	4927	8.05
	Receiving Water Initial pH (EPA 150.1)	Na	na
	Receiving Water After 24 hours pH (EPA 150.1)	Na	na


Reviewed: Lee Rawlings, Lab Director
Water & Environmental Testing, Inc.

REFTOX.CER Chart 2

Acute Reference Toxicant Ceriodaphnia February 2002



X = 2507 2s = 877 UCL 3384 LCL 1630

W.E.T. Inc.

Water & Environmental Testing Inc. 223 West 400 South, American Fork, Utah 84003 (801)763-0660 Fax (801)763-0440

Chain of Custody Record

Customer: <u>SUFCO</u>	Sampler: <u>A QUAY MECHAM</u>
Sample Date: <u>02/20/02</u>	Project: <u>SUFCO</u>

Sample Information

Sample #	Date	Time	Composite/Grab	Location	Analysis Requested
<u>1</u>	<u>02/20/02</u>	<u>0700</u>	<u>GRAB</u>	<u>PT003 QUITCHUMPAH DISCHARGE</u>	<u>CERIODAPHNIA ACUTE</u>

Sample Custody Record

Relinquished by: <u>A Quay Mecham</u>	Received by: <u>Mike Davis</u>	Date/Time <u>2/20/02 0813</u>
Relinquished by: <u>Mike Davis</u>	Received by: <u>S. Toole</u>	Date/Time <u>2/20/02 11:25 AM</u>
Relinquished by: <u>S. Toole</u>	Received by: <u>Jukawling</u>	Date/Time <u>2/20/02 6:00 pm.</u>
Sample Received in Lab by <u>S. Toole</u>	Date/Time <u>2/20/02 11:25 AM</u>	

Comments: BILL TO SA. 7495-2

Temperature Received in the Lab: Effluent: 4.0
Receiving Water:

W.E.T. Inc. Use Only

Cooler: Wet Ice <input checked="" type="checkbox"/>	Hand Delivery <input checked="" type="checkbox"/>	Arrived in Shipping Container: <input checked="" type="checkbox"/> N	Samples- Custody Seals Used <input checked="" type="checkbox"/> Y/N	COC and Labels Match? Yes <input checked="" type="checkbox"/>
Blue Ice <input type="checkbox"/>	W.E.T. Inc. Courier <input type="checkbox"/>	Sealed: Y <input checked="" type="checkbox"/> N/A	Intact Y/N	No <input type="checkbox"/>
None <input type="checkbox"/>	Shipped <input type="checkbox"/>			
Broken, Damaged or Leaking? Yes <input checked="" type="checkbox"/>	Correct Containers Used? Yes <input checked="" type="checkbox"/>	Sufficient Quantity Sample? Yes <input checked="" type="checkbox"/>	Sufficient Quantity of Receiving Water? Yes <input checked="" type="checkbox"/>	Adequate Info provided? Yes <input checked="" type="checkbox"/>
No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>
				Sample Acceptance Accepted <input checked="" type="checkbox"/>
				Rejected <input type="checkbox"/>