0012

Canyon Fuel Company, LLC.
Sufco Mine
A Subsidiary of Arch Western Bituminous Group, LLC.

John Byars
Technical Services Manager
397 South 800 West
Salina, UT 84654
(435) 286-4400 - Office

January 24, 2006

Mr. Jeff Studenka
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P. O. Box 144870
Salt Lake City, UT 84114-4870

Incoming
2/4/06

Dear Mr. Studenka:

Enclosed are the December 2005, Discharge Monitoring Reports (DMR's) for the SUFCO Mine facility, permit number UT-0022918. Discharge point 001A had no outflow during the month. The outflow from points 002A and 003A had no exceedances for the month.

The fourth quarter biomonitoring was successfully passed using fat head minnows.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

for L. Craig Hilton
John D. Byars
Technical Services Manager

JDB/MLD:kb

Encl.: December 2005 DMR's
W.E.T. Inc. report

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

RECEIVED
JAN 30 2006
DIV. OF OIL, GAS & MINING

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

ATTN: KENNETH E. MAY, MINE MANAGER

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

(2-16) UT0022918 — PERMIT NUMBER
(17-19) 001 A — DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
05	12	01	05	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

MAJOR
F - FINAL
Minesite
8" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT			(03)	******	******	******				
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		TWICE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****					(12)			
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		******	******		(19)			
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	25 ****** 30 DA AVE	35 ****** MX 7D AVE	70 DAILY MX	MG/L		TWICE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****					(25)			
00545 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV MET	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		TWICE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)			
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0 DAILY MX	MG/L		TWICE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	******		(94)	******	******	******				
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	****** ******		TWICE/ MONTH	VISUAL

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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues 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		DATE		
435	286-4880	06	01	24
AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

No Discharge during month of December 2005

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(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

ATTN: KENNETH E. MAY, MINE MANAGER

(2-16) UT0022918 — PERMIT NUMBER

(17-19) 001 A — DISCHARGE NUMBER

MAJOR

F - FINAL

Minesite

8" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 2	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		(94)	******	******	******				
	PERMIT REQUIREMENT		0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******		(19)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	1200 DAILY MX	MG\L		TWICE/ MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	(94)	******	******	******				
	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			TELEPHONE		DATE		
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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.	L. Craig Hilton	435	286-4880	06	01	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

No Discharge during month of December 2005

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

(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

ATTN: KENNETH E. MAY, MINE MANAGER

UT0022918	001 W
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR

F - FINAL

BIOMONITORING

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 0	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
*P / F STATRE 48HR ACU CERIODAPHNIA TGM3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	N/A	(9A)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0	PASS =0 FAIL = 1		QUARTERLY	COMPOS
*P / F STATRE 96HR ACU PIMEPHALES PROMELAS TGN6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	N/A	(9A)			COMPOS
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0	PASS =0 FAIL = 1		QUARTERLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER			TELEPHONE		DATE		
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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.		435	286-4880	06	01	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* For acute WET testing alternate species quarterly. Report N/A (not applicable) for the appropriate species.
Attach all lab sheets/bench sheets for acute and chronic WET testing.

No Discharge during months of October thru December 2005

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

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Salina, UT 84654
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LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

MAJOR

Form Approved
OMB No. 2040-0004

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

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 2	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	0.031	0.031	(03)	******	******	******		0	2 /30	Measrd
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		TWICE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****		7.75		7.88	(12)	0	2 /30	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		****** N/A	****** N/A	N/A	(19)	0	2 /30	GRAB
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	25 30DA AVG	35 MX 7D AVE	70 DAILY MX	MG/L		TWICE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		******	******	<0.1	(25)	0	2 /30	GRAB
00545 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****	<2	(19)	0	2 /30	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		TWICE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.69	(19)	0	2 /30	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0 DAILY MX	MG/L		TWICE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****	0	(94)	*****	*****			0	2 /30	VISUAL
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER			TELEPHONE		DATE		
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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.	L. Craig Hilton	435	286-4880	06	01	24
TYPED OR PRINTED		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 (OR SNOWMELT OF EQUIVALENT VOLUME), SETTLEABLE SOLIDS & pH SHALL BE LIMITED INSTEAD OF THE OTHERWISE APPLICABLE LIMITATIONS. REPORT N/A IN THE APPROPRIATE BLANKS.

Samples taken on December 7, 2005 and December 21, 2005 were during snowmelt events, therefore Settleable Solids & pH apply for these samples.

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

ATTN: KENNETH E. MAY, MINE MANAGER

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
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 2	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

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SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	***** 410		******	******	******	(19)	0	2 /30	GRAB
	PERMIT REQUIREMENT	******	2000 ****** LBS/DAY	**** **** LBS/DAY	******	******	******	**** ****		TWICE/ MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
	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			TELEPHONE		DATE		
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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.	L. Craig Hilton	435	286-4880	06	01	24
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0

0

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(Include Facility Name/Location if different)

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

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

MAJOR
F - FINAL
MINESITE
24" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 2	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

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FLOW RATE	SAMPLE MEASUREMENT	2.95	4.98	(03)	******	******	******		0	2 /30	MEASRD
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		TWICE / MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****		6.58		6.64	(12)	0	2 /30	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE / MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		8	****** 11	11.0	(19)	0	2 /30	GRAB
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	25 ****** 30DA AVG	35 ****** MX 7D AV	70 DAILY MX	MG/L		TWICE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****	N/A	(25)			
00545 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****	N/A	(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG\L		TWICE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.18	(19)	0	2 /30	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0 DAILY MX	MG/L		TWICE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL		*****	0	(94)	*****	*****	*****		0	2 /30	VISUAL
45613 1 0 0 EFFLUENT GROSS VALUE			0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL

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

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AREA CODE	NUMBER	YR	MO	DA

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(Include Facility Name/Location if different)

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DISCHARGE MONITORING REPORT *(DMR)*

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

MAJOR
F - FINAL
MINESITE
24" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 2	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMENT	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
45614 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT	*****	*****		******	******	754	(19)	0	2 /30	GRAB
70295 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1200 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE VISUAL	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
84066 1 0 0 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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.

L. Craig Hilton
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
435	286-4880	06	01	24
AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

0

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

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

MAJOR
F - FINAL
BIOMONITORING

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 5	1 0	0 1	0 5	1 2	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
*P / F STATRE 48HR ACU CERIODAPHNIA TGM3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	N/A	(9A)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0	PASS =0 FAIL = 1		QUARTERLY	COMPOS
*P / F STATRE 96HR ACU PIMEPHALES PROMELAS TGN6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	0	(9A)	0	1/90	COMPOS
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0	PASS =0 FAIL = 1		QUARTERLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER			TELEPHONE		DATE		
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 INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS 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 statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.	L. Craig Hilton	435	286-4880	06	01	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* For acute WET testing alternate species quarterly. Report N/A (not applicable) for the appropriate species.
Attach all lab sheets/bench sheets for acute and chronic WET testing.

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

Received

DEC 27 2005

Canyon Fuel Company
SUFCO Mine

December 23, 2005

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

Dear Ruth,

Enclosed is the report for the sample dated 12/14/2005. The laboratory number assigned to this sample(s) is #6522 for effluent. The sample was tested for acute toxicity using Fathead Minnows following the procedures listed in EPA Section 2000.0. 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 Required)
Reference Toxicant Chart Fathead Minnows,
and a copy of the completed Chain of Custody.

The work represented here along with the report format 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:

W.E.T. Inc.

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

Acute Whole Effluent Toxicity Report

Fathead Minnow

Received
DEC 27 2005
Canyon Fuel Company
SUFCO Mine

DATE: December 23, 2005

PERMITTEE NAME: Southern Utah Fuel Co.

TEST *(Animal/Age)*: Fathead Minnow, 5 days.

SAMPLE *(Date/Type)*: 12/14/2005 Grab.

DATE/TIME TEST BEGAN: 12/14/2005 2:35 p.m.

DATE/TIME TEST COMPLETED: 12/18/2005 4:30 p.m.

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, 5 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 water approx. 200 mg/L hardness.
Receiving Water	None was supplied.
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

Lee Rawlings
Laboratory Director

Enclosure

Region VIII Guidance for Acute Whole Effluent Reporting

DEC 27 2005

Canyon Fuel Company
SUFCO Mine

PERMITTEE NAME: Southern Utah Fuel Co.

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

TEST *(Animal/Age)*: Fathead Minnow, 5 days.

SAMPLE *(Date/Type)*: 12/14/2005 Grab.

DATE/TIME TEST BEGAN: 12/14/2005 2:35 p.m.

DATE/TIME TEST COMPLETED: 12/18/2005 4:30 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 hours	19	NA	20	20	20	20	20
48 hours	18	NA	19	20	20	20	20
72 hours	18	NA	19	19	19	20	20
96 hours	18	NA	19	16	18	20	18

Chemistries

	Dissolved Oxygen (mg/L)						
Initial New/Old	7.0	NA	7.1	7.1	6.8	6.4	6.4
24 hours	6.7/6.3	NA	7.1/6.4	7.0/6.7	6.9/6.7	6.7/6.8	6.4/6.9
48 hours	7.7/7.1	NA	7.7/7.1	7.7/7.1	7.7/7.2	7.6/7.2	7.6/7.2
72 hours	7.1/6.7	NA	7.2/6.5	7.2/6.7	7.4/6.6	7.8/6.6	8.2/6.5
96 hours	7.2	NA	6.8	6.8	6.9	6.7	6.8
	Temperature (°C)						
Initial New/Old	21.0	NA	20.0	20.0	20.0	20.0	20.0
24 hours	20.0/19.0	NA	20.0/19.0	20.0/19.0	20.0/19.0	20.0/19.0	20.0/19.0
48 hours	20.0/19.0	NA	20.0/19.0	20.0/19.0	20.0/19.0	20.0/19.0	20.0/19.0
72 hours	20.0/20.2	NA	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2
96 hours	21.0	NA	21.0	21.0	21.0	21.0	21.0
	pH (SU)						
Initial New/Old	8.23	NA	8.09	7.92	7.89	7.81	7.54
24 hours	8.29/8.16	NA	8.13/8.17	8.00/8.19	7.84/8.20	7.71/8.22	7.57/8.23
48 hours	8.26/8.16	NA	8.09/8.18	7.97/8.21	7.82/8.23	7.67/8.27	7.50/8.25
72 hours	7.29/8.08	NA	8.12/8.10	8.03/8.13	7.86/8.16	7.84/8.18	7.65/8.19
96 hours	8.22	NA	8.18	8.24	8.28	8.31	8.28

Laboratory Director: Lee Rawlings **Laboratory:** Water & Environmental Testing, Inc.

Signature: Lee Rawlings **Date:** 12/23/05

Comments: The receiving water was not used as the dilution water. There was not enough receiving water collected.

W.E.T. Inc.

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

Acute Whole Effluent Toxicity Chemical Result Report

December 23, 2005

Received

DEC 27 2005

Canyon Fuel Company
SUFCO Mine

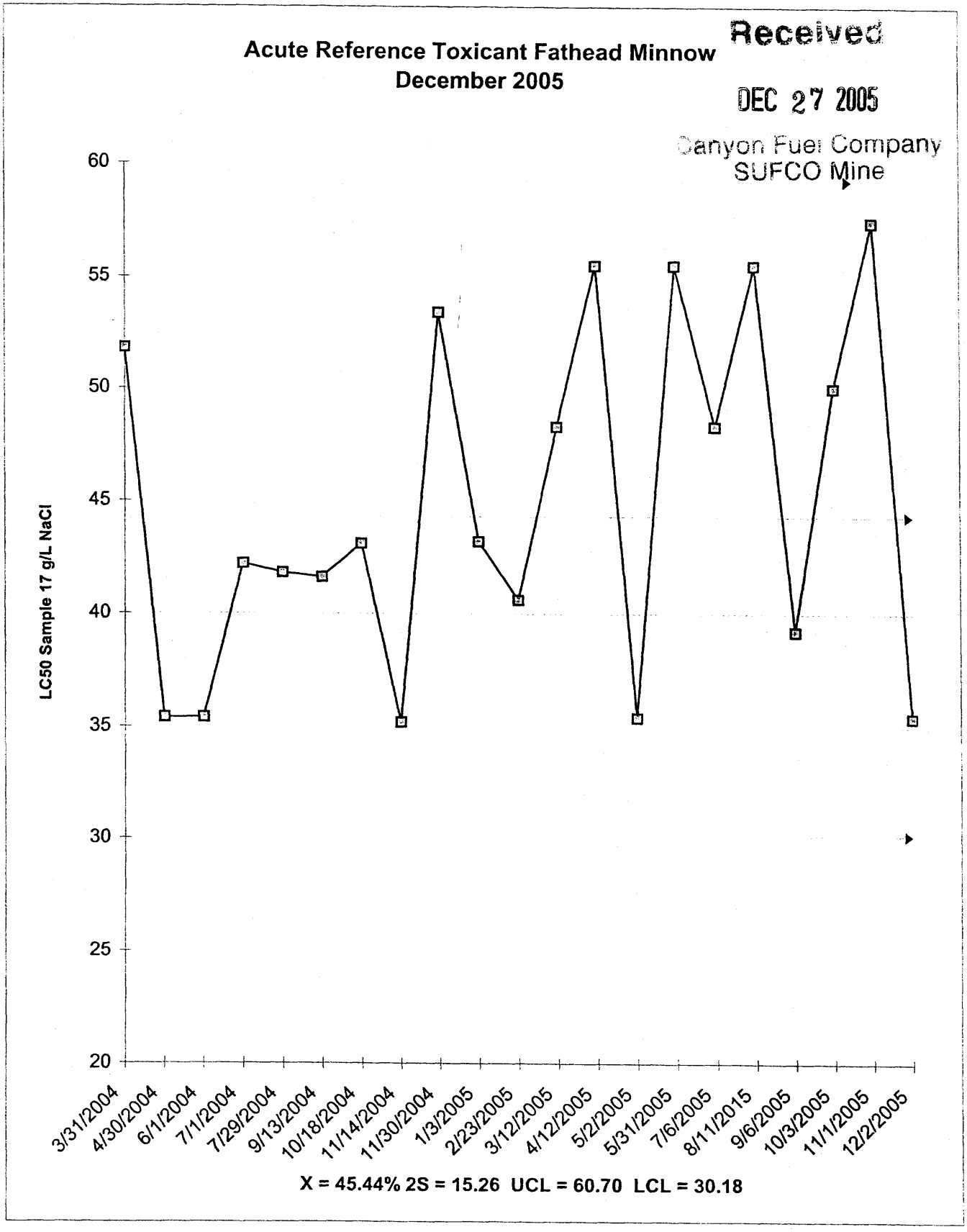
CUSTOMER NAME:
Southern Utah Fuel Co.
Attn: Ruth Wayman
397 South 800 West
Salina, Utah 84654

SAMPLE DESCRIPTION:
Chemistries to go with Acute Fathead Minnow Toxicity Test Collected 12/14/2005.

Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)		172 mg/L
	Total Hardness, Effluent (EPA 130.2)	6522	532 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	NA	NA mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	6522	<0.05 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	NA	NA mg/L
	Initial Chlorine Residual (EPA 330.5)	6522	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	6522	N/A mg/L
	Conductivity, Effluent (EPA 120.1)	6522	1,106 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	6522	346 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)		8.23
	After 24 hours pH (EPA 150.1)		8.16
	100% Initial pH (EPA 150.1)	6522	7.54
	100% After 24 hours pH (EPA 150.1)	6522	8.23
	Receiving Water Initial pH (EPA 150.1)	NA	NA
	Receiving Water After 24 hours pH (EPA 150.1)	NA	NA

Lee Rawlings

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


Acute Reference Toxicant Fathead Minnow
December 2005
Received
DEC 27 2005
Canyon Fuel Company
SUFCO Mine
LC50 Sample 17 g/L NaCl
60
55
50
45
40
35
30
25
20
3/31/2004
4/30/2004
6/1/2004
7/1/2004
7/29/2004
9/13/2004
10/18/2004
11/14/2004
11/30/2004
1/3/2005
2/23/2005
3/12/2005
4/12/2005
5/2/2005
5/31/2005
7/6/2005
8/11/2015
9/6/2005
10/3/2005
11/1/2005
12/2/2005
X = 45.44% 2S = 15.26 UCL = 60.70 LCL = 30.18

Received

DEC 07 2005

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

Canyon Fuel Company
SUFCO Mine

Customer: SUFCO	Sampler: MIKE DAVIS
Sample Date: 12/14/05	Project: UPDES 003W

Sample Information

Sample #	Date	Time	Composite/Grab	Location	Analysis Requested
1	121405	09:07	GRAB	QUITCHUPAH WEIR DISCHARGE 003W	FATHEAD MINNOW

Sample Custody Record

Relinquished by: Mike Davis	Received by: Melissa Rawlings	Date/Time 12/14/05 1:40 p.m.
Relinquished by: Melissa Rawlings	Received by: M Rawlings	Date/Time 12/14/05 1900
Relinquished by:	Received by:	Date/Time
Sample Received in Lab by MR	Date/Time 12/14/05 1:40 p.m.	

Comments: _____

Temperature Received in the Lab: Effluent: ~~10.6~~ 10.6°C
Receiving Water: NA

W.E.T. Inc. Use Only

Cooler : Wet Ice ✓ Blue Ice ___ None ___	Hand Delivery ✓ W.E.T. Inc. Courier ___ Shipped ___	Arrived in Shipping Container: Y / N Sealed: Y / N / NA	Samples- Custody Seals Used Y / N Intact Y / N	COC and Labels Match? Yes X No ___
Broken, Damaged or Leaking? Yes ___ No X	Correct Containers Used? Yes X No ___	Sufficient Quantity Sample? Yes X No ___	Sufficient Quantity of Receiving Water? Yes NA No ___	Adequate Info provided? Yes X No ___

Sample Acceptance Accepted X Rejected ___