

*Heming  
4/04/0002*

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

June 24, 2004

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 May 2004, 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 second quarter biomonitoring was successfully passed using fat head minnows.

Sincerely,  
CANYON FUEL COMPANY, LLC  
SUFCO Mine

*L. Craig Hilton*  
L. Craig Hilton  
Technical Services Manager

LCH/MLD:kb

Encl.: May 2004 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

JUN 28 2004

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)  
 UT0022918 001 A  
 PERMIT NUMBER 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	4	0	5	0	1
(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			
FLOW RATE 00056 1 0 0	REPORT REQUIREMENT	30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****		TWICE/MONTH	MEASRD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****			
PH 00400 1 0 0	REPORT REQUIREMENT	*****	*****	*****	6.5	*****	9.0	DAILY MX		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****			
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	REPORT REQUIREMENT	*****	*****	*****	25	*****	35	70		TWICE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	*****	30 DA AVE	*****	MX 7D AVE	DAILY MX			
SOLIDS, SETTLEABLE 00545 P 0 0	REPORT REQUIREMENT	*****	*****	*****	*****	*****	0.5	DAILY MX		TWICE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****			
OIL AND GREASE FREON EXTR-GRAV MET 00556 1 0 0	REPORT REQUIREMENT	*****	*****	*****	*****	*****	10	DAILY MX		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****			
IRON, TOTAL (AS FE) 01045 1 0 0	REPORT REQUIREMENT	*****	*****	*****	*****	*****	1.0	DAILY MX		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****			
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	REPORT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	*****		TWICE/MONTH	VISUAL
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER 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	04	6 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 May 2004

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

(2-16)	(17-19)
UT0022918	001 A
PERMIT NUMBER	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 4	0 5	0 1	0 4	0 5	3 1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

ATTN: KENNETH E. MAY, MINE MANAGER

\*\*\* NO DISCHARGE  \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only)			QUALITY OR CONCENTRATION (4 Card Only)				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)	MAXIMUM (54-61)	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	*****	*****	TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1200	(19)	MG/L	TWICE/MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0	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	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 PRINCIPLE EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			435	286-4880	04	6	24
TYPED OR PRINTED			AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

No Discharge during month of May 2004

PERMITTEE NAME/ADDRESS

(Include Facility Name/Location if different)

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 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

002 A  
 DISCHARGE NUMBER

MAJOR

Form Approved  
 OMB No. 2040-0004

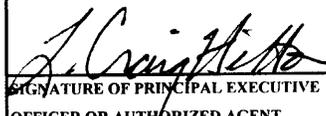
F - FINAL  
 SEDIMENTATION POND  
 12" PIPE DISCHARGE FROM SEDIMENT POND

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0	4	0	5	0	1
0	4	0	5	3	1

\*\*\* 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 (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		AVERAGE (54-61)	MAXIMUM (54-61)	UNITS 0	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS					
FLOW RATE 00056 1 0 0		0.006	0.009	(03)	*****	*****	*****	*****	0	2 /30	Measrd		
EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	REPORT DAILY MX	MGD	*****	*****	*****	*****	0	TWICE/ MONTH	MEASRD		
PH 00400 1 0 0		*****	*****	*****	8.06	*****	8.1	(12)	0	2 /30	GRAB		
EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	*****	*****	6.5	*****	9.0	SU	0	TWICE/ MONTH	GRAB		
SOLIDS, TOTAL SUSPENDED 00530 P 0 0		*****	*****	*****	17.0	*****	25.0	25.0	0	2 /30	GRAB		
SEE COMMENTS BELOW		PERMIT REQUIREMENT	*****	*****	25	35	70	DAILY MX	0	TWICE/ MONTH	GRAB		
SOLIDS, SETTLEABLE 00545 P 0 0		*****	*****	*****	*****	*****	<0.1	(25)	0	2 /30	GRAB		
SEE COMMENTS BELOW		PERMIT REQUIREMENT	*****	*****	*****	*****	0.5	DAILY MX	0	TWICE/ MONTH	GRAB		
OIL AND GREASE FREON EXTR-GRV METH 00556 1 0 0		*****	*****	*****	*****	*****	<2	(19)	0	2 /30	GRAB		
EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	*****	*****	*****	*****	10	DAILY MX	0	TWICE/ MONTH	GRAB		
IRON, TOTAL (AS FE) 01045 1 0 0		*****	*****	*****	*****	*****	0.278	(19)	0	2 /30	GRAB		
EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	*****	*****	*****	*****	1.0	DAILY MX	0	TWICE/ MONTH	GRAB		
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0		*****	0	(94)	*****	*****	*****	*****	0	2 /30	VISUAL		
EFFLUENT GROSS VALUE		PERMIT REQUIREMENT	0	YES=1 NO=0	*****	*****	*****	*****	0	TWICE/ MONTH	VISUAL		
NAME/TITLE PRINCIPLE EXECUTIVE OFFICER	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		
KENNETH E. MAY MINE MANAGER									435	286-4880	04	6	24
TYPED OR PRINTED									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.

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 002 A  
 PERMIT NUMBER 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 4	0 5	0 1	0 4	0 5	3 1
(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 PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only (46-53) (54-61) UNITS 0)			QUALITY OR CONCENTRATION (4 Card Only (38-45) (46-53) (54-61) UNITS)				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	***** 0	*****	0	YES=1 NO=0	*****	*****	*****	*****	0	2 /30	VISUAL
EFFLUENT GROSS VALUE	*****	*****	0	YES=1 NO=0	*****	*****	*****	*****	0	TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	***** *****	*****	*****	****	*****	*****	2000	(19)	0	2 /30	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	****	*****	*****	LBS/DAY	LBS/DAY	0	TWICE/MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0	***** *****	*****	0	YES=1 NO=0	*****	*****	*****	*****	0	2 /30	VISUAL
EFFLUENT GROSS VALUE	*****	*****	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	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 statues may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.	TELEPHONE		DATE				
		435	286-4880	04	6	24		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>J. Craig Hilton</i>		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.

PERMITEE NAME/ADDRESS

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 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 (24-25) PERMIT NUMBER  
 (17-19) 003 A (26-27) DISCHARGE NUMBER

MAJOR

F - FINAL  
 MINESITE  
 24" PIPE DISCHARGING MINE WATER

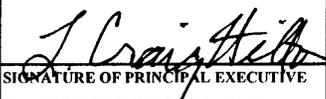
Form Approved  
 OMB No. 2040-0004

ATTN: KENNETH E. MAY, MINE MANAGER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0	4	0	5	0	1
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*

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PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only)			QUALITY OR CONCENTRATION (4 Card Only)			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)				UNITS	
FLOW RATE 00056 1 0 0	PERMIT REQUIREMENT	5.20	5.81	( 03)	*****	*****	*****	0	2 /30	MEASRD		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	TWICE / MONTH	MEASRD		
PH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****		6.85		7.01	( 12)	0	2 /30		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5	*****	9.0	( 12)	0	TWICE / MONTH		
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	SAMPLE MEASUREMENT	*****	*****		<5	<5	<5	( 19)	0	2 /30		
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	25	*****	70	( 19)	0	TWICE / MONTH		
SOLIDS, SETTLEABLE 00545 P 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	NA	( 25)				
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	0.5	( 25)		TWICE / MONTH		
OIL AND GREASE FREON EXTR-GRAY METH 00556 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	NA	( 19)				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	10	( 19)		TWICE / MONTH		
IRON, TOTAL (AS FE) 01045 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.44	( 19)	0	2 /30		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0	( 19)		TWICE / MONTH		
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	SAMPLE MEASUREMENT	*****	0	(94)	*****	*****	*****	****	0	2 /30		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****		TWICE / MONTH		
NAME/TITLE PRINCIPLE EXECUTIVE OFFICER	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		
KENNETH E. MAY MINE MANAGER								435	286-4880	04	6	24
TYPED OR PRINTED								AREA CODE	NUMBER	YR	MO	DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITEE NAME/ADDRESS

(Include Facility Name/Location if different)

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

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

MAJOR

Form Approved  
 OMB No. 2040-0004

F - FINAL  
 MINESITE  
 24" PIPE DISCHARGING MINE WATER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 4	0 5	0 1	0 4	0 5	3 1
(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 PERMIT REQUIREMENT	QUANTITY OR LOADING (3 Card Only (46-53) (54-61) (62-63))			QUALITY OR CONCENTRATION (4 Card Only (38-45) (46-53) (54-61) (62-63))				NO. OF ANALYSIS (64-68)	FREQUENCY OF ANALYSIS (69-70)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** 0	***** 0	( 94) YES=1 NO=0	***** *****	***** *****	***** *****	***** *****	0 2 /30	TWICE/ MONTH	VISUAL VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** *****	***** *****	**** ****	***** *****	***** *****	713 1200 DAILY MX	( 19) MG/L	0 2 /30	TWICE/ MONTH	GRAB GRAB
OIL AND GREASE VISUAL 84066 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** 0	***** 0	( 94) YES=1 NO=0	***** *****	***** *****	***** *****	***** *****	0 2 /30	TWICE/ MONTH	VISUAL VISUAL
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										
	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	04	6	24
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>L. Craig Hiller</i>		AREA CODE	NUMBER	YR MO DA

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

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(Include Facility Name/Location if different)

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 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 W  
 DISCHARGE NUMBER

MAJOR

F - FINAL  
 BIOMONITORING

Form Approved  
 OMB No. 2040-0004

ATTN: KENNETH E. MAY, MINE MANAGER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 4	0 4	0 1	0 4	0 6	3 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
*P / F STATRE 48HR ACU CERIODAPHNIA TGM3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	*****	N/A	( 9A)		QUARTERLY	COMPOS
*P / F STATRE 96HR ACU PIMEPHALES PROMELAS TGN6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	*****	0	( 9A)	0	1/90	COMPOS
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										
	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  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  <i>Kenneth E. May</i>	TELEPHONE		DATE		
			AREA CODE	NUMBER	YR	MO	DA
			435	286-4880	04	6	24

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 Fax(801)763-0440

## Acute Cover Letter

May 14, 2004

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

**Received**

MAY 24 2004

Canyon Fuel Company  
SUFCO Mine

Dear Ruth,

Enclosed is the report for the sample dated 05/05/2004. The laboratory number assigned to this sample(s) is #5907 for effluent, and #5908 for receiving water. 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 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:

Received

## Acute Whole Effluent Toxicity Report MAY 24 2004 Fathead Minnow

Canyon Fuel Company  
DATE: May 14, 2004

PERMITTEE NAME: Southern Utah Fuel Company

TEST (Animal/Age): Fathead Minnow, 7 days.

SAMPLE (Date/Type): 05/05/2004 Grab.

DATE/TIME TEST BEGAN: 05/05/2004 1:10 pm

DATE/TIME TEST COMPLETED: 05/09/2004 2:55 pm

### TEST CONDITIONS

Fathead Minnow larvae were exposed to diluted effluent as specified by EPA Section 9. 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, 7 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%.

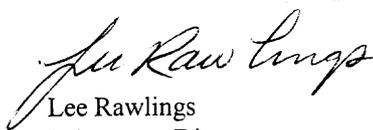
### SUMMARY

Results:      X    Pass      Fail

There was NO significant effect on survival.

Enclosed are data sheets and statistical reports.

Sincerely,



Lee Rawlings  
Laboratory Director  
Enclosure

# Region VIII Guidance for Acute Whole Effluent Reporting

## Received

PERMITTEE NAME: Southern Utah Fuel Company

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

TEST (Animal/Age): Fathead Minnow, 7 days.

DATE/TIME TEST BEGAN: 05/05/2004 1:10 pm

MAY 24 2004

Canyon Fuel Company  
SAMPLE (Date/Type): 05/05/2004 Grab.  
SUFCO Mine

DATE/TIME TEST COMPLETED: 05/09/2004 2:55 pm

### Survival Totals

#### Dilutions (% Effluent)

	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	20	20	20	20	20	20	20
24 hours	20	20	20	20	20	20	20
48 hours	20	20	20	20	20	20	20
72 hours	19	20	19	20	20	20	20
96 hours	19	20	19	20	20	20	20

### Chemistries

#### Dissolved Oxygen (mg/L)

Initial New/Old	6.8	8.8	7.0	6.9	6.8	6.6	6.6
24 hours	7.3/7.0	8.1/7.1	7.2/7.2	7.2/7.2	7.2/7.3	7.2/7.2	7.2/7.2
48 hours	6.9/6.8	7.7/6.8	7.0/6.7	7.0/6.7	7.0/6.8	7.2/6.7	7.7/6.8
72 hours	6.7/6.1	8.1/6.2	6.9/6.3	6.9/6.3	7.0/6.2	7.4/6.3	8.0/6.2
96 hours	6.2	6.1	6.0	6.1	6.2	6.3	6.3

#### Temperature (°C)

Initial New/Old	20.6	20.6	20.6	20.6	20.6	20.6	20.6
24 hours	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0
48 hours	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0
72 hours	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0	20.0/20.0
96 hours	19.4	19.4	19.4	19.4	19.4	19.4	19.4

#### pH (SU)

Initial New/Old	8.60	8.58	8.45	8.28	8.07	8.16	7.65
24 hours	8.70/8.46	8.77/8.65	8.47/8.49	8.36/8.43	8.20/8.45	7.94/8.39	7.66/8.39
48 hours	8.59/8.49	8.59/8.60	8.53/8.46	8.38/8.44	8.17/8.43	8.10/8.41	8.15/8.20
72 hours	8.45/8.31	8.52/8.52	8.40/8.36	8.33/8.34	8.11/8.36	7.93/8.36	7.83/8.25
96 hours	8.35	8.54	8.37	8.37	8.42	8.45	8.25

Laboratory Director: Lee Rawlings

Laboratory: Water & Environmental Testing, Inc.

Signature: *Lee Rawlings*

Date: 5/17/04

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 Chemical Result Report

May 14, 2004

Received

### CUSTOMER NAME:

Southern Utah Fuel Company

Attn: Ruth Wayman

397 South 800 West

Salina, Utah 84654

MAY 24 2004

Canyon Fuel Company  
SUFCO Mine

### SAMPLE DESCRIPTION:

Chemistries to go with Acute Fathead Minnow Toxicity Test Collected 05/05/2004.

Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)		188 mg/L
	Total Hardness, Effluent (EPA 130.2)	5907	536 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	5908	340 mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	5907	0.05 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	5908	<0.05 mg/L
	Initial Chlorine Residual (EPA 330.5)	5907	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	5907	N/A mg/L
	Conductivity, Effluent (EPA 120.1)	5907	1,046 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	5907	332 mg/L CaCO <sub>3</sub>
	Conductivity, Receiving Water (EPA 120.1)	5908	527 umhos/cm
	Alkalinity, Receiving Water (EPA 310.1)	5908	234 mg/L CaCO <sub>3</sub>
	Recon Initial pH (EPA 150.1)		8.60
	After 24 hours pH (EPA 150.1)		8.46
	100% Initial pH (EPA 150.1)	5907	7.65
	100% After 24 hours pH (EPA 150.1)	5907	8.39
	Receiving Water Initial pH (EPA 150.1)	5908	8.58
	Receiving Water After 24 hours pH (EPA 150.1)	5908	8.65

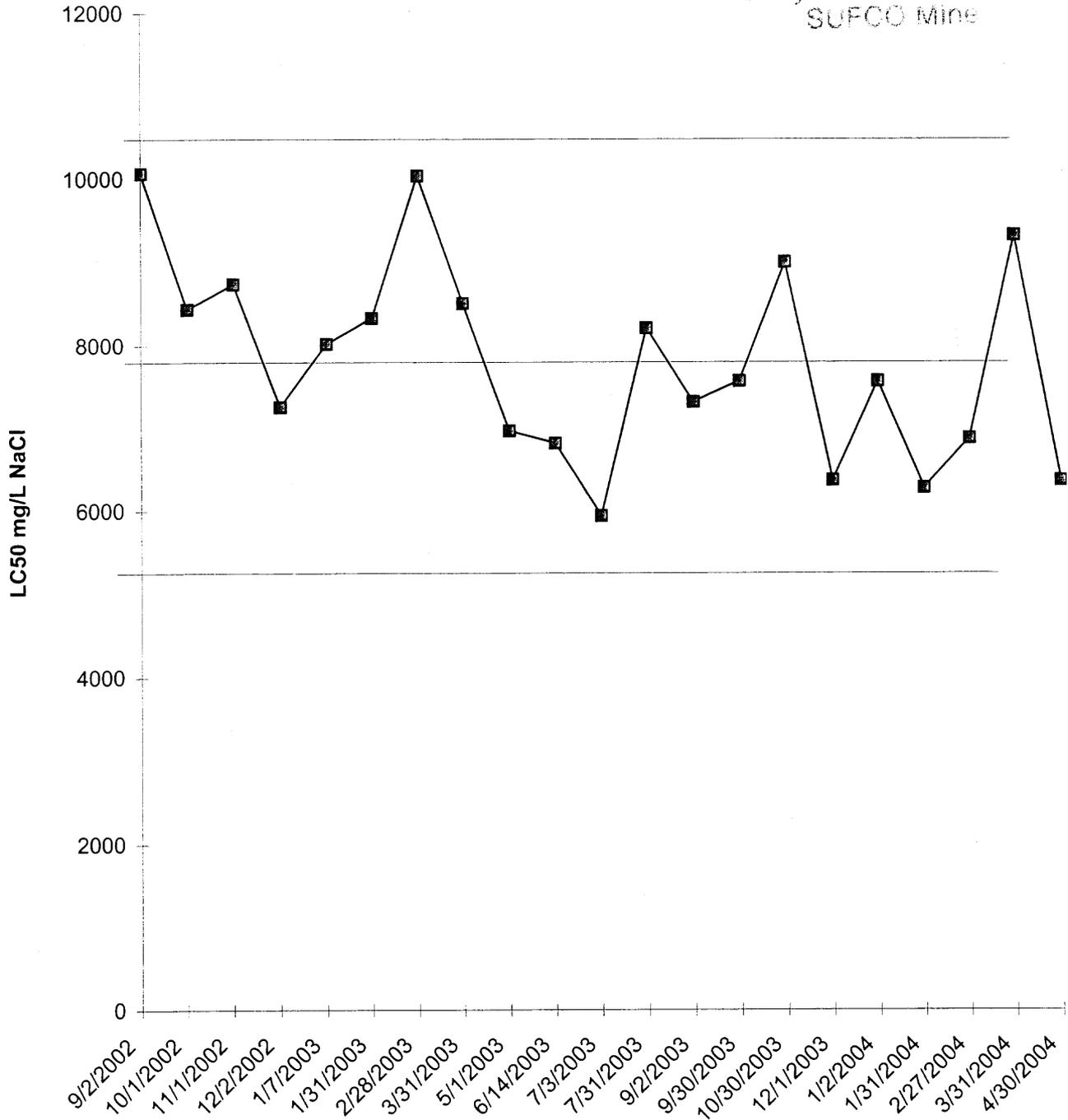
  
Reviewed: Lee Rawlings, Lab Director  
Water & Environmental Testing, Inc.

Acute Reference Toxicant Fathead Minnow May 2004

Received

MAY 24 2004

Canyon Fuel Company  
SUFCO Mine



X = 7883 2S = 2385 UCL = 10268 LCL = 5498

received  
MAY 24 2004

## Chain of Custody Record

Customer: <u>SUFCO</u>	Sampler: <u>A QUAY MERRICK COMPANY</u>
Sample Date: <u>05 05 04</u>	Project: <u>FAT HEAD MINNOW</u>

### Sample Information

Sample #	Date	Time	Composite/Grab	Location	Analysis Requested
1	05/05/04	0700		QUITCHUMPAH DISCHARGE	FAT HEAD
2	05/05/04	0700		QUITCHUMPAH CREEK	FAT HEAD

### Sample Custody Record

Relinquished by: <u>A Quay Merrick</u>	Received by: <u>CMt</u>	Date/Time <u>05 05 04 1000 AM</u>
Relinquished by: <u>CMt</u>	Received by: <u>Au Rawlings</u>	Date/Time <u>5-5-04 1900</u>
Relinquished by:	Received by:	Date/Time
Sample Received in Lab by <u>CMt</u>	Date/Time <u>5-5-04 5401 11:50 AM</u>	

Comments: TEMP. ON BOTTLE

Temperature Received in the Lab: Effluent: 10.2°C  
Receiving Water: 9.6°C

### W.E.T. Inc. Use Only

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