



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

June 10, 2005

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

Dear Mr. Studenka:

Enclosed are the May 2005, 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 second quarter biomonitoring was successfully passed using fat head minnows.

Sincerely,  
CANYON FUEL COMPANY, LLC  
SUFCO Mine

John D. Byars  
Technical Services Manager

JDB/MLD:kb

Encl.: May 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

JUN 15 2005

mm

Division of Environmental Quality 3

**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)  
 TIT0022918 001 A  
 PERMIT NUMBER DISCHARGE NUMBER

MAJOR

Form Approved  
 OMB No. 2040-0004

F - FINAL

Minesite

8" PIPE DISCHARGING MINE WATER

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

NOTE: Read instructions before completing this form.

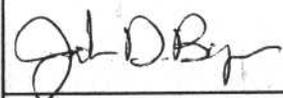
ATTN: KENNETH E. MAY, MINE MANAGER

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

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 (54-61)	UNITS (0)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
FLOW RATE 00056 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****			
EFFLUENT GROSS VALUE					*****	*****	*****	*****		TWICE/MONTH	MEASRD
PH 00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.5 DAILY M N	*****	9.0 DAILY MX	SU		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE				****							
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	PERMIT REQUIREMENT	*****	*****	****	25 30 DA AVE	35 7D AVE	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 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  
  
 TELEPHONE 435 286-4880  
 DATE 05 06 10  
 AREA CODE NUMBER YR MO DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

No Discharge during month of May 2005

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

(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 5	0 5	0 1	0 5	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	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	PERMIT REQUIREMENT	*****	0	YES-1 NO-0	*****	*****	*****	*****	TWICE/MONTH	VISUAL
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	(19)			
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1200		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	DAILY MX MGL			
OIL AND GREASE VISUAL 84066 1 0 0	PERMIT REQUIREMENT	*****	0	YES-1 NO-0	*****	*****	*****	*****	TWICE/MONTH	VISUAL
EFFLUENT GROSS VALUE	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	05	06	10		
		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 2005

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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 002 A  
 PERMIT NUMBER 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	0 5	0 1	0 5	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	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)			
FLOW RATE 00056 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	0	2 /30	MEASRD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	0	TWICE/MONTH	MEASRD
PH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	6.5	*****	9.0	0	2 /30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	DAILY MN	*****	DAILY MX	0	TWICE/MONTH	GRAB
SOILS, TOTAL SUSPENDED 00530 P 0 0	SAMPLE MEASUREMENT	*****	*****	*****	25	35	70	0	2 /30	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	*****	30DA AVG	MX 7D AVE	DAILY MX	0	TWICE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 P 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.5	0	2 /30	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	DAILY MX	0	TWICE/MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	10	0	2 /30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	DAILY MX	0	TWICE/MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	1.0	0	2 /30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	DAILY MX	0	TWICE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 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

NAME/TITLE 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 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.	TELEPHONE		DATE				
		435	286-4880	05	06	10		
		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.  
 No Discharge during month of May 2005

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

Form Approved  
 OMB No. 2040-0004

F - FINAL

SEDIMENT POND

12" PIPE DISCHARGING FROM SEDIMENT POND

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

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

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ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS			
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	*****	*****	*****	****		TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****		( 19)	0	2 /30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	2000 LBS/DAY	LBS/DAY		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	*****	*****	*****	****		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	05	06	10
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 No Discharge during month of May 2005

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(Include Facility Name/Location if different)

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 Salina, UT 84654  
 FACILITY SUFCO Mine  
 LOCATION SALJNA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)  
 U70022918 003 A  
 PERMIT NUMBER DISCHARGE NUMBER

MAJOR

F - FINAL  
 MINESITE  
 24" PIPE DISCHARGING MINE WATER

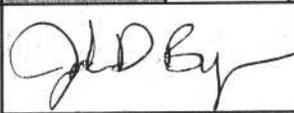
Form Approved  
 OMB No. 2040-0004

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

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

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ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	X	(L and Only) QUANTITY OR LOADING:			(L and Only) QUALITY OR CONCENTRATION:			NO EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM				UNITS	
FLOW RATE				(03)	*****	*****	*****					
00056 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT 3.84	MEASUREMENT 4.39		*****	*****	*****	0	2 /30	MEASRD		
		PERMIT REPORT	PERMIT REPORT		*****	*****	*****		TWICE/ MONTH	MEASRD		
		REQUIREMENT 30DA AVG	REQUIREMENT DAILY MX	MGD								
PH		*****	*****									
00400 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	MEASUREMENT		6.61		6.97	0	2 /30	GRAB		
		PERMIT	PERMIT	****	6.5	*****	9.0		TWICE/ MONTH	GRAB		
		REQUIREMENT	REQUIREMENT	****	DAILY MN		DAILY MX					
SOLIDS, TOTAL SUSPENDED		*****	*****		<5		<5	0	2 /30	GRAB		
00530 P 0 0 SEE COMMENTS BELOW		MEASUREMENT	MEASUREMENT		25	*****	70		TWICE/ MONTH	GRAB		
		PERMIT	PERMIT	****	30DA AVG	MX 7D AV	DAILY MX					
		REQUIREMENT	REQUIREMENT	****								
SOLIDS, SETTLEABLE		*****	*****		*****		N/A					
00545 P 0 0 SEE COMMENTS BELOW		MEASUREMENT	MEASUREMENT		*****	*****	0.5		TWICE/ MONTH	GRAB		
		PERMIT	PERMIT	****	*****	*****						
		REQUIREMENT	REQUIREMENT	****			DAILY MX					
OIL AND GREASE FREON EXTR-GRV METH		*****	*****		*****	*****	N/A					
00556 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	MEASUREMENT		*****	*****	10		TWICE/ MONTH	GRAB		
		PERMIT	PERMIT	****	*****	*****						
		REQUIREMENT	REQUIREMENT	****			DAILY MX					
IRON, TOTAL (AS FE)		*****	*****		*****	*****	0.15	0	2 /30	GRAB		
01045 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	MEASUREMENT		*****	*****	1.0		TWICE/ MONTH	GRAB		
		PERMIT	PERMIT	****	*****	*****						
		REQUIREMENT	REQUIREMENT	****			DAILY MX					
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL		*****	0	(94)	*****	*****	*****	0	2 /30	VISUAL		
45613 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	0	YES=1 NO=0	*****	*****	*****		TWICE/ MONTH	VISUAL		
		PERMIT			*****	*****						
		REQUIREMENT										
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	05	06	10
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YR	MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

PERMITTEE NAME/ADDRESS

(Include Facility Name/Location if different)

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DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)  
 UT0022918 003 A  
 PERMIT NUMBER 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	0 5	0 1	0 5	0 5	3 1
(20-21)		(22-23)		(24-25)	
(26-27)		(28-29)		(30-31)	

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

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ATTN: KENNETH E. MAY, MINE MANAGER

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		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (94)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (19)			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	PERMIT REQUIREMENT	*****	0	YES-1 NO=0	*****	*****	*****	*****	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	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	2 /30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	*****	0	TWICE/MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0	PERMIT REQUIREMENT	*****	0	YES-1 NO=0	*****	*****	*****	*****	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										
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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	05	06	10		
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)

PERMITTEE NAME/ADDRESS

(Include Facility Name/Location if different)

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 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) U0022918 (17-19) 003 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	0 3	0 1	0 5	0 6	0 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			
*P / F STATRE 48HR ACU CERIODAPHNIA TGM3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****		( 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										

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 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 statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.	TELEPHONE		DATE		
		435	286-4880	05	06	10
	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

May 11, 2005

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

Received

MAY 12 2005

Canyon Fuel Company  
SUFCO Mine

Dear Ruth,

Enclosed is the report for the sample dated 05/06/2005. The laboratory number assigned to this sample(s) is #6312 for effluent, 6313 for receiving water. 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

DATE: May 11, 2005

MAY 12 2005

PERMITTEE NAME: Southern Utah Fuel Co.

TEST (Animal/Age): Fathead Minnow, 4 days.

Canyon Fuel Company  
SAMPLE (Date/Type): 05/06/2005 Grab

DATE/TIME TEST BEGAN: 05/06/2005 1:25 p.m.

DATE/TIME TEST COMPLETED: 05/10/2005 1:15 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, 4 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  
Laboratory Director

Enclosure

# Region VIII Guidance for Acute Whole Effluent Reporting

PERMITTEE NAME: Southern Utah Fuel Co.

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

Received

TEST (Animal/Age): Fathead Minnow, 4 days.

MAY 12 2005 SAMPLE (Date/Type): 05/06/2005 Grab.

DATE/TIME TEST BEGAN: 05/06/2005 1:25 p.m.

DATE/TIME TEST COMPLETED: 05/10/2005 1:15 p.m.

SUECO Min.

## Survival Totals

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

## Chemistries

	Dissolved Oxygen (mg/L)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	7.0	8.4	7.1	7.1	6.7	6.3	6.0
24 hours	6.9/6.7	8.0/6.8	7.1/6.7	7.1/6.8	7.1/6.8	7.0/6.7	6.6/7.0
48 hours	6.9/7.1	9.0/7.1	7.3/7.1	7.3/7.1	7.3/7.1	7.5/7.1	7.7/7.1
72 hours	6.5/5.7	7.4/5.3	6.7/6.1	6.8/6.2	6.8/6.2	7.1/6.0	7.5/6.4
96 hours	6.4	6.1	6.4	6.4	6.4	6.3	6.3

	Temperature (°C)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	21.0	20.0	20.0	20.0	20.0	20.0	20.0
24 hours	20.0/21.0	20.0/21.0	20.0/21.0	20.0/21.0	20.0/21.0	20.0/21.0	20.0/21.0
48 hours	20.0/20.8	20.0/20.8	20.0/20.8	20.0/20.8	20.0/20.8	20.0/20.8	20.0/20.8
72 hours	20.0/19.8	20.0/19.8	20.0/19.8	20.0/19.8	20.0/19.8	20.0/19.8	20.0/19.8
96 hours	19.8	19.8	19.8	19.8	19.8	19.8	19.8

	pH (SU)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	8.48	8.53	8.42	8.34	8.18	8.01	7.82
24 hours	8.37/8.17	8.49/8.42	8.26/8.23	8.20/8.23	8.08/8.27	7.93/8.30	7.76/8.31
48 hours	8.42/8.28	8.48/8.48	8.48/8.39	8.36/8.37	8.25/8.41	8.01/8.41	7.76/8.17
72 hours	8.37/8.12	8.45/8.37	8.31/8.15	8.25/8.17	8.14/8.20	8.03/8.25	8.07/8.19
96 hours	8.07	8.36	8.16	8.16	8.20	8.26	8.09

Laboratory Director: Lee Rawlings

Laboratory: Water & Environmental Testing, Inc.

Signature: *Lee Rawlings*

Date: 5/11/05

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

## Acute Whole Effluent Toxicity Chemical Result Report

May 11, 2005

### CUSTOMER NAME:

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

Received

MAY 12 2005

Canyon Fuel Company  
SUFCO Mine

### SAMPLE DESCRIPTION:

Chemistries to go with Acute Fathead Minnow Toxicity Test Collected 05/06/2005.

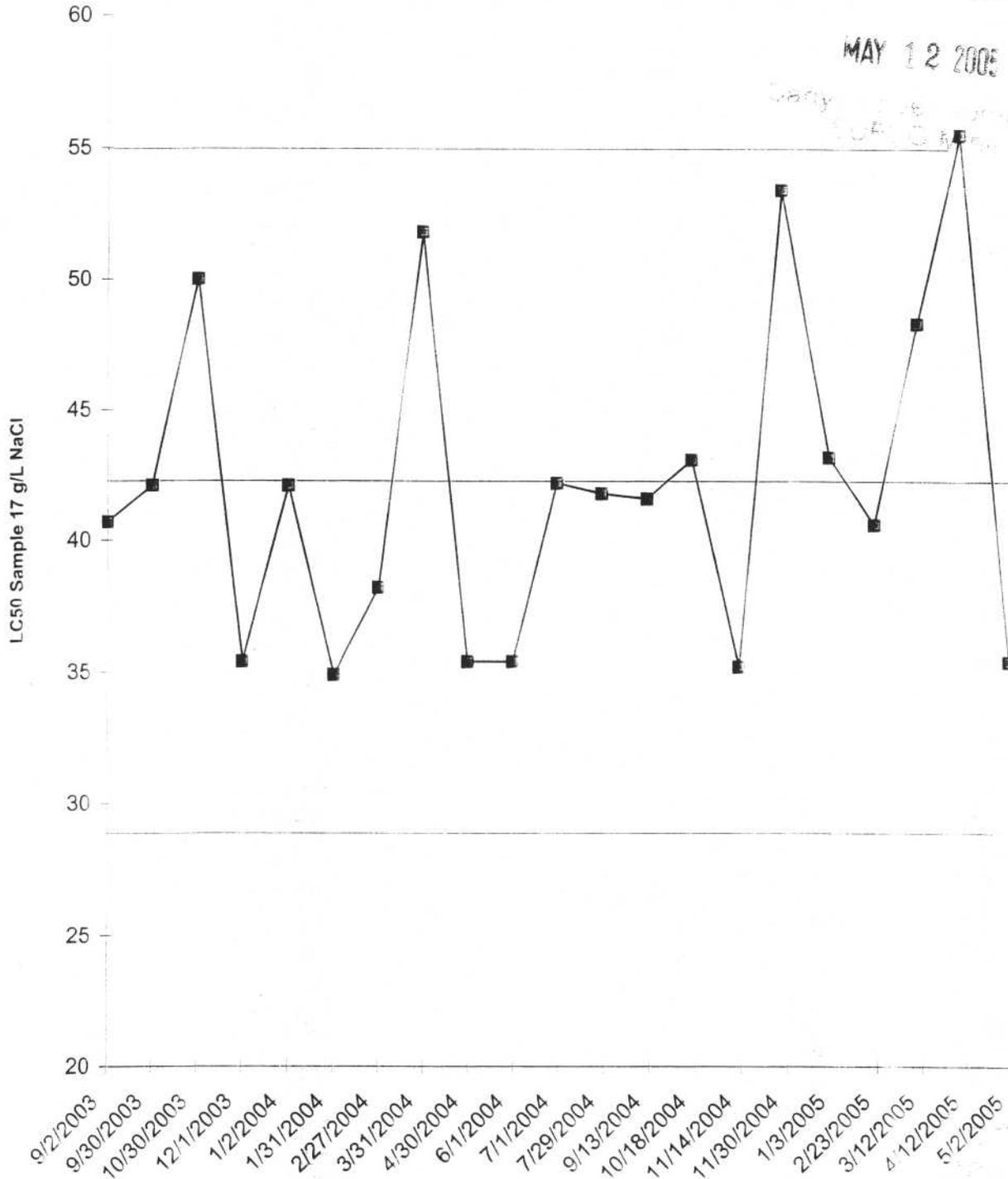
Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)		192 mg/L
	Total Hardness, Effluent (EPA 130.2)	6312	468 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	6313	276 mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	6312	<0.05 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	6313	<0.05 mg/L
	Initial Chlorine Residual (EPA 330.5)	6312	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	6312	N/A mg/L
	Conductivity, Effluent (EPA 120.1)	6312	1,070 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	6312	344 mg/L CaCO <sub>3</sub>
	Conductivity, Receiving Water (EPA 120.1)	6313	570 umhos/cm
	Alkalinity, Receiving Water (EPA 310.1)	6313	276 mg/L CaCO <sub>3</sub>
	Recon Initial pH (EPA 150.1)		8.48
	After 24 hours pH (EPA 150.1)		8.17
	100% Initial pH (EPA 150.1)	6312	7.82
	100% After 24 hours pH (EPA 150.1)	6312	8.31
	Receiving Water Initial pH (EPA 150.1)	6313	8.53
	Receiving Water After 24 hours pH (EPA 150.1)	6313	8.42

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

### Acute Reference Toxicant Fathead Minnow May 2005

Received

MAY 12 2005



X = 42.51% 2S = 12.62 UCL = 55.13 LCL = 29.89

# 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

Received

Customer: <u>SUFCO</u>	Sampler: <u>A QUAY</u> MAY 12 2005 <u>MECHAM</u>
Sample Date: <u>050605</u>	Project: <u>QUITCHUPAH</u> <u>FAT HEAD</u>

### Sample Information

Sample #	Date	Time	Composite/Grab	Location	Analysis Requested
<u>1</u>	<u>050605</u>	<u>0805</u>	<u>GRAB</u>	<u>QUITCHUPAH DISCHARGE</u>	<u>FAT HEAD</u>
<u>2</u>	<u>050605</u>	<u>0812</u>	<u>GRAB</u>	<u>QUITCHUPAH RECEIVING</u>	<u>FAT HEAD</u>

### Sample Custody Record

Relinquished by: <u>A Quay Mecham</u>	Received by: <u>A Quay Mecham</u>	Date/Time: <u>5-6-05</u>
Relinquished by: <u>A Quay Mecham</u>	Received by: <u>Dustin Caldwell</u>	Date/Time: <u>5-6-05 12:30 PM</u>
Relinquished by: <u>Dustin Caldwell</u>	Received by: <u>Ju Kwon</u>	Date/Time: <u>5/6/05 1900</u>
Sample Received in Lab by: <u>Dustin Caldwell</u>	Date/Time: <u>5-6-05 12:30 PM</u>	

Comments: 4°C

Temperature Received in the Lab: Effluent: 6.0°C  
Receiving Water: 7.0°C

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

Cooler: Wet Ice <input type="checkbox"/>	Hand Delivery <input checked="" type="checkbox"/>	Arrived in Shipping Container: Y/ <input checked="" type="checkbox"/> N	Samples- Custody Seals Used Y/ <input checked="" type="checkbox"/> N	COC and Labels Match? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Blue Ice <input type="checkbox"/>	W.E.T. Inc. Courier <input type="checkbox"/>	Sealed: Y/ <input type="checkbox"/> N/ <input checked="" type="checkbox"/> NA	Intact Y/ <input type="checkbox"/> N		
None <input checked="" 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 type="checkbox"/> No <input checked="" 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"/>