



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

INCOMING  
C04110002  
E-mail Dana  
Attachments to Joe

July 14, 2003  
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 June 2003, 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  
Technical Services Manager

LCH:kb

Encl.: June 2003 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  
JUL 17 2003  
DIV. OF OIL, GAS & MIN.

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  
 6" PIPE DISCHARGING MINE WATER

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

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 3	0 6	0 1	0 3	0 6	3 0
(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) (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	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	*****			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****		TWICE/MONTH	MEASRD
PH 00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.5	*****	9.0	*****		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	DAILY M N	*****	DAILY MX	SU		TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	PERMIT REQUIREMENT	*****	*****	*****	25	*****	35	*****		TWICE/MONTH	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	*****	30 DA AVE	*****	70	*****		TWICE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 P 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	0.5	*****		TWICE/MONTH	GRAB
SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	DAILY MX	MG/L		TWICE/MONTH	GRAB
OIL AND GREASE FREON EXTR-GRV MET 00556 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10	*****		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	DAILY MX	MG/L		TWICE/MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0	*****		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	DAILY MX	MG/L		TWICE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	*****		TWICE/MONTH	VISUAL
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****		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 INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
  
 TELEPHONE 435 286-4880  
 AREA CODE NUMBER  
 3 7 14  
 YR MO DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.  
 No Discharge during month of June 2003

PERMITTEE NAME/ADDRESS

(Include Facility Name/Location if different)

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT

(2-16)

(17-19)

UT0022918  
 PERMIT NUMBER

001 A  
 DISCHARGE NUMBER

MAJOR

F - FINAL

Minesite

6" PIPE DISCHARGING MINE WATER

Form Approved

OMB No. 2040-0004

Approval expires 05-31-98

ATTN: KENNETH E. MAY, MINE MANAGER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 3	0 6	0 1	0 3	0 6	0 3
(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	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)			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	SAMPLE MEASUREMENT	*****		(94)	*****	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		0	YES=1 NO=0	*****	*****	*****	****	TWICE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	SAMPLE MEASUREMENT	*****	*****		*****	*****		(19)		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1200		TWICE/MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0	SAMPLE MEASUREMENT	*****	*****	(94)	*****	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	****	TWICE/MONTH	VISUAL
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER  KENNETH E. MAY MINE MANAGER  TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		435	286-4880	3	7	14
		AREA CODE	NUMBER	YR	MO	DA

*Craig Helgeson*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

DURING PRECIPITATION EVENTS, SETTLEABLE SOLDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.

No Discharge during month of June 2003

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  
 SEDIMENTATION POND  
 12" PIPE DISCHARGE FROM SEDIMENT POND

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

ATTN: KENNETH E. MAY, MINE MANAGER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
03	06	01	03	06	03
(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	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	0.006	0.012	(03)	*****	*****	*****	0	1/30	MEASRD	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****	TWICE/MONTH	MEASRD
PH 00400 1 0 0	8.18	8.18	(12)	6.5	*****	9.0	0	1/30	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	DAILY MN	DAILY MX	SU	****	TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	17.0	17.0	(19)	25	35	70	0	1/30	GRAB	
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	30DA AVG	MX 7D AVE	DAILY MX	MG/L	TWICE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 P 0 0	<0.01	<0.01	(25)	*****	*****	0.5	0	1/30	GRAB	
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	DAILY MX	MG/L	****	TWICE/MONTH	GRAB
OIL AND GREASE 00556 1 0 0	4.2	4.2	(19)	*****	*****	10	0	1/30	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	DAILY MX	MG/L	****	TWICE/MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	0.16	0.16	(19)	*****	*****	1.0	0	1/30	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	DAILY MX	MG/L	****	TWICE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL 45613 1 0 0	0	0	(94)	*****	*****	*****	0	2/30	VISUAL	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0	YES=1 NO=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	3   7   14 YR   MO   DA
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.  
 No discharge during first half of month of June 2003. No flow for first sample.

(Include Facility Name/Location if different)

DISCHARGE MONITORING REPORT

(DMR)

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

(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

Approval expires 05-31-98

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
03	06	01	03	06	01
(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 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)			(4 Card Only) (38-45)					
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	*****	0	(94)	*****	*****	*****	0	2/30	VISUAL	
EFFLUENT GROSS VALUE	*****	0	YES=1 NO=0	*****	*****	*****	*****	TWICE/MONTH	VISUAL	
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	*****	*****	*****	*****	*****	*****	89	1/30	GRAB	
EFFLUENT GROSS VALUE	*****	*****	****	*****	*****	2000	LBS/DAY	TWICE/MONTH	GRAB	
OIL AND GREASE VISUAL 84066 1 0 0	*****	0	(94)	*****	*****	*****	0	2/30	VISUAL	
EFFLUENT GROSS VALUE	*****	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  
 435 286-4880

DATE  
 3 7 14

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


AREA CODE NUMBER  
 435 286-4880

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.  
 No discharge during first half of month of June 2003. No flow for first sample.

PERMITEE NAME/ADDRESS

(Include Facility Name/Location if different)

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

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

MAJOR

F - FINAL

MINESITE

16" PIPE DISCHARGING MINE WATER

Form Approved

OMB No. 2040-0004

Approval expires 05-31-98

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

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

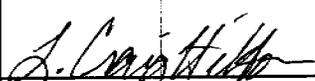
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ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT	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	SAMPLE MEASUREMENT	5.60	5.60	(03)	*****	*****	*****	0	2/ 30	MEASRD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****	TWICE / MONTH	MEASRD
PH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	7.04	7.07	7.09	(12)	2/ 30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.5	*****	9.0	SU	TWICE / MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 P 0 0	SAMPLE MEASUREMENT	*****	*****	****	<4	<4	<4	(19)	2/ 30	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	25	*****	35	*****	TWICE / MONTH	GRAB
SOLIDS, SETTLEABLE 00545 P 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	0.5	(25)	TWICE / MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	DAILY MX	MG/L	GRAB
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	10	(19)	TWICE / MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	DAILY MX	MG/L	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	0.38	0.42	0.45	(19)	2/ 30	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	1.0	MG/L	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	*****	*****	*****	****	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 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 3 7 14  
 AREA CODE NUMBER YR MO DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS

(Reference all attachments here)

DURING PRECIPITATION EVENTS, SETTLEABLE SOLIDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.

Discharge during month of June 2003

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

MAJOR

F - FINAL  
 SEDIMENT POND  
 16" PIPE DISCHARGING MINE WATER

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

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 3	0 6	0 1	0 3	0 6	0 3
(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)	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0	PERMIT REQUIREMENT	*****	0	YES=1 NO=0	*****	*****	*****	*****	0	2/ 30	VISUAL
EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	*****	*****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0	PERMIT REQUIREMENT	*****	*****	****	689	729	769	(19)	0	2/ 30	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	1200	DAILY MX		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		*****	0	YES=1 NO=0	*****	*****	*****	*****		TWICE/ MONTH	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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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	3	7	14
		AREA CODE	NUMBER	VR	MO	DA

*L. Craig Hilborn*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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 DURING PRECIPITATION EVENTS, SETTLEABLE SOLDS SHALL BE LIMITED INSTEAD OF TSS. REPORT N/A IN THE APPROPRIATE BLANK.  
 Discharge during month of June 2003

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT

(DMR)

(2-16)

(17-19)

UT0022918  
 PERMIT NUMBER

003 W  
 DISCHARGE NUMBER

MAJOR

F - FINAL

BIOMONITORING

Form Approved

OMB No. 2040-0004

Approval expires 05-31-98

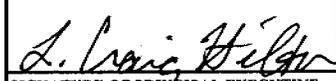
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 3	0 4	0 1	0 3	0 6	0 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

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

NOTE: Read instructions before completing this form.

ATTN: KENNETH E. MAY, MINE MANAGER

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	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			
*P / F STATRE 48HR ACU CERIODAPHNIA TGM3B 1 0 0 EFFLUENT GROSS VALUE	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	0 0 0	N/A PASS = 0 FAIL = 1	QUARTERLY COMPOS
*P / F STATRE 96HR ACU PIMEPHALES PROMELAS TGN6C 1 0 0 EFFLUENT GROSS VALUE	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	***** ***** ****	0 0 0	1/90 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  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		DATE		
			435	286-4880	3	7	14
			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.

# **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**

June 25, 2003

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

Dear Ruth,

Enclosed is the report for the sample dated 6/09/2003. The laboratory number assigned to this sample(s) is #5500 for effluent, and #5501 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:

## Acute Whole Effluent Toxicity Report Fathead Minnow

DATE: June 25, 2003

PERMITTEE NAME: Southern Utah Fuel Co.

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

SAMPLE (Date/Type): 6/09/2003 Grab

DATE/TIME TEST BEGAN: 6/09/2003 1:20 pm

DATE/TIME TEST COMPLETED: 6/13/2003 1:35 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:     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%

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

SAMPLE (Date/Type): 6/09/2003 Grab

DATE/TIME TEST BEGAN: 6/09/2003 1:20 pm

DATE/TIME TEST COMPLETED: 6/13/2003 1:35 pm

## Survival Totals

	Recon Water	Receiving Water	Dilutions (% Effluent)				
			6.25%	12.5%	25%	50%	100%
Initial New/Old	20	20	20	20	20	20	20
24 hours	20	20	18	20	20	20	20
48 hours	20	20	18	20	20	19	20
72 hours	20	20	18	20	20	19	20
96 hours	19	19	18	20	20	19	20

## Chemistries

	Dissolved Oxygen (mg/L)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	7.0	7.9	8.0	7.8	7.6	7.1	5.9
24 hours	6.7/6.5	8.3/6.8	8.3/6.8	8.3/7.0	8.3/7.0	7.7/7.0	7.1/6.4
48 hours	7.3/8.4	8.6/7.6	8.7/7.5	8.7/7.6	8.8/7.4	8.5/7.6	8.4/7.1
72 hours	7.0/6.9	8.7/6.8	8.8/7.1	8.7/7.1	9.0/7.1	8.9/7.1	8.9/7.2
96 hours	7.0	7.4	7.4	7.5	7.5	7.4	7.5

	Temperature (°C)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	20.0	20.0	20.0	20.0	20.0	20.0	20.0
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	20.0/19.0	20.0/19.0	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	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2
96 hours	21.0	21.0	21.0	21.0	21.0	21.0	21.0

	pH (SU)						
	Recon Water	Receiving Water	6.25%	12.5%	25%	50%	100%
Initial New/Old	8.59	8.54	8.48	8.27	8.02	7.71	7.53
24 hours	8.55/8.33	8.45/8.40	8.35/8.41	8.26/8.39	8.13/8.38	7.81/8.34	7.50/8.20
48 hours	8.57/8.46	8.51/8.52	8.42/8.50	8.32/8.47	8.21/8.45	7.93/8.40	7.61/8.30
72 hours	8.58/8.49	8.45/8.44	8.40/8.46	8.38/8.45	8.14/8.44	7.95/8.40	7.84/8.30
96 hours	8.40	8.46	8.48	8.47	8.45	8.41	8.26

Laboratory Director: Lee Rawlings

Laboratory: Water & Environmental Testing, Inc.

Signature: *Lee Rawlings*

Date: 6/29/03

Comments: \_\_\_\_\_

## Acute Whole Effluent Toxicity Chemical Result Report

June 25, 2003

### CUSTOMER NAME:

Southern Utah Fuel Co.

Attn: Ruth Wayman

397 South 800 West

Salina, Utah 84654

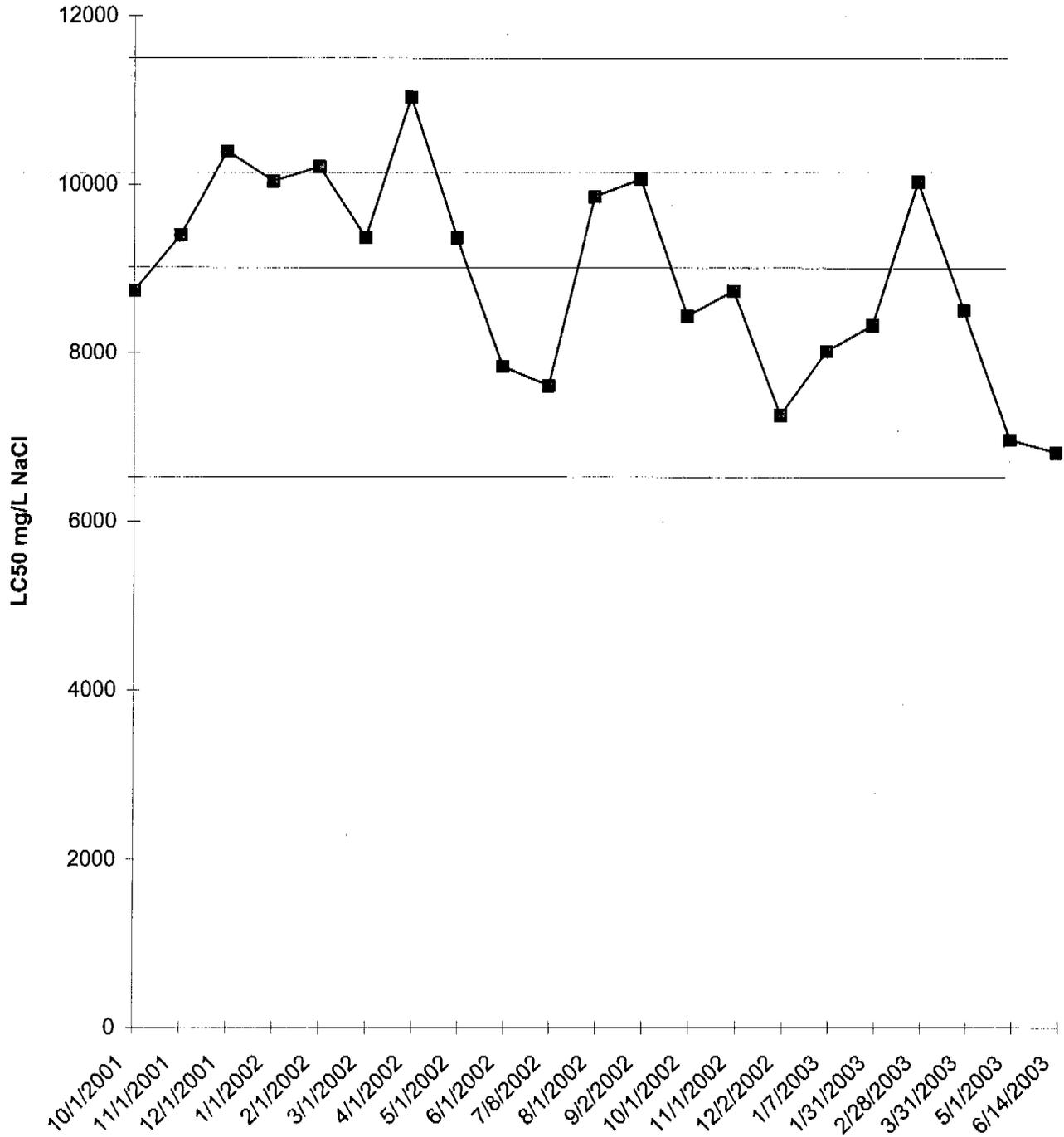
### SAMPLE DESCRIPTION:

Chemistries to go with Acute Fathead Minnow Toxicity Test Collected 6/09/2003.

Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)		180 mg/L
	Total Hardness, Effluent (EPA 130.2)	5500	504 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	5501	300 mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	5500	0.06 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	5501	<0.05 mg/L
	Initial Chlorine Residual (EPA 330.5)	5500	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	5500	na mg/L
	Conductivity, Effluent (EPA 120.1)	5500	1018 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	5500	326 mg/L CaCO <sub>3</sub>
	Conductivity, Receiving Water (EPA 120.1)	5501	355 umhos/cm
	Alkalinity, Receiving Water (EPA 310.1)	5501	362 mg/L CaCO <sub>3</sub>
	Recon Initial pH (EPA 150.1)		8.59
	After 24 hours pH (EPA 150.1)		8.33
	100% Initial pH (EPA 150.1)	5500	7.53
	100% After 24 hours pH (EPA 150.1)	5500	8.20
	Receiving Water Initial pH (EPA 150.1)	5501	8.54
	Receiving Water After 24 hours pH (EPA 150.1)	5501	8.40

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

### Acute Reference Toxicant Fathead Minnow June 2003



X = 9012 2S = 2274 UCL = 11286 LCL = 6738

# W.E.T. Inc.

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

## Chain of Custody Record

Customer: <u>SIFCO CANYON FUEL</u>	Sampler: <u>A QUAY MECHAM</u>
Sample Date: <u>06 09 03</u>	Project: <u>FATHEAD MINNOW</u>

### Sample Information

Sample #	Date	Time	Composite/Grab	Location	Analysis Requested
1	060903	0830	<del>Composite</del> <u>B</u>	PT003	FATHEAD MINNOW
2	060903	0830	<del>Composite</del> <u>A</u>	PT003	FATHEAD MINNOW
3	060903	0830	<del>Composite</del> <u>G</u>	PT003	FATHEAD MINNOW

### Sample Custody Record

Relinquished by: <u>A Quay Mecham</u>	Received by: <u>Chute</u>	Date/Time: <u>6/9/03 12:10 pm</u>
Relinquished by: <u>Chute</u>	Received by: <u>J. Kawlings</u>	Date/Time: <u>6/9/03 7:00 pm</u>
Relinquished by:	Received by:	Date/Time:
Sample Received in Lab by: <u>Chute</u>	Date/Time: <u>6/9/03 12:10 pm</u>	

Comments: \_\_\_\_\_

Temperature Received in the Lab: Effluent: 5.8  
 Receiving Water: 6.0

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

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