0051

C/041/002 Incoming

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

Sufco Mine
597 South SR24
Salina, Utah 84654
(435) 286-4880
Fax (435) 286-4499

----CERTIFIED MAIL----

October 22, 2009

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

Re: September 2009 DMR's, Canyon Fuel – Sufco Mine, Permit UT-0022918

Dear Mr. Studenka:

Enclosed are the September 2009, 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 third quarter biomonitoring was successfully passed using Ceriodaphnia.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

John D. Byars
Technical Services Manager

Encl.: September 2009 DMR's
W.E.T. Inc. Report

cc: Dana Dean, DOGM
Chris Hansen, Skyline
EPA Test Procedures & Water Monitoring File

RECEIVED
NOV 02 2009
DIV. OF OIL, GAS & MINING

Sufpub:\Govt2009\DEQ\DMR LTR-0909.doc

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

NAME: Canyon Fuel Co., LLC
ADDRESS: SUFCO Mine
597 South SR 24
Salina, UT 84654
FACILITY: SUFCO Mine
LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

MAJOR
F - FINAL
Minesite
8" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

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

*** NO DISCHARGE [X] ***

NOTE: Read instructions before completing this form.

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

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER

KENNETH E. MAY
MINE MANAGER

TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
435	286-4880	09	10	22
AREA CODE	NUMBER	YR	MO	DA

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

No Discharge during month of September 2009

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

NAME: Canyon Fuel Co., LLC
ADDRESS: SUFCO Mine
597 South SR 24
Salina, UT 84654
FACILITY: SUFCO Mine
LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

(2-16)	(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 9	0 9	0 1	0 9	0 9	3 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		(94)	******	******	******				
	PERMIT REQUIREMENT		0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******		(19)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	1200 DAILY MX	MGL		TWICE/ MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	(94)	******	******	******				
	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER		TELEPHONE		DATE		
KENNETH E. MAY MINE MANAGER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.	435	286-4880	09	10	22
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 September 2009

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

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597 South SR 24
Salina, UT 84654
FACILITY: SUFCO Mine
LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

MAJOR
F - FINAL
BIOMONITORING

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 9	0 7	0 1	0 9	0 9	3 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [X] ***
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*P / F STATRE 48HR ACU CERIODAPHNIA TGM3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******		(9A)	0	1/90	COMPOS
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0	PASS =0 FAIL = 1		QUARTERLY	COMPOS
*P / F STATRE 96HR ACU PIMEPHALES PROMELAS TGN6C 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	N/A	(9A)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	0	PASS =0 FAIL = 1		QUARTERLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER			TELEPHONE		DATE		
KENNETH E. MAY MINE MANAGER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.		435	286-4880	09	10	22
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YR	MO	DA

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

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

No Discharge during months of July through September 2009

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(Include Facility Name/Location if different)

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Salina, UT 84654
FACILITY: SUFCO Mine
LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

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

Form Approved
OMB No. 2040-0004

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

*** NO DISCHARGE [ ] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
FLOW RATE	SAMPLE MEASUREMENT	0.013	0.018	(03)	******	******	******		0	2 /30	Measrd
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		TWICE/ MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****		6.88		7.15	(12)	0	2 /30	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		****** 17.5	****** 19.0	19.0	(19)	0	2 /30	GRAB
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	25 30DA AVG	35 MX 7D AVE	70 DAILY MX	MG/L		TWICE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		******	******	<0.1	(25)	0	2 /30	GRAB
00545 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****	<5	(19)	0	2 /30	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		TWICE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.2	(19)	0	2 /30	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0 DAILY MX	MG/L		TWICE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****	0	(94)	*****	*****			0	2 /30	VISUAL
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL

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

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
435	286-4880	09	10	22
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
597 South SR 24
Salina, UT 84654
FACILITY: SUFCO Mine
LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

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

Form Approved
OMB No. 2040-0004

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

*** NO DISCHARGE [ ] ***

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	***** 114		****** 713	****** 738	****** 763	(19)	0	2 /30	GRAB
	PERMIT REQUIREMENT	******	2000 ****** LBS/DAY	LBS/DAY	******	******	******	**** ****		TWICE/ MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER		TELEPHONE		DATE		
KENNETH E. MAY MINE MANAGER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMAITON. I BELIEVE THE SUBMITTED INFORMATIONS IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE, AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statues may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.	435	286-4880	09	10	22
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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.

0
0

0
0

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

NAME Canyon Fuel Co., LLC
ADDRESS SUFCO Mine
597 South SR 24
Salina, UT 84654
FACILITY SUFCO Mine
LOCATION SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

MAJOR
F - FINAL
MINESITE
24" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

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

*** NO DISCHARGE [ ] ***

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FLOW RATE	SAMPLE MEASUREMENT	4.98	5.19	(03)	******	******	******		0	2 /30	MEASRD
00056 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		TWICE / MONTH	MEASRD
PH	SAMPLE MEASUREMENT	*****	*****		6.65		6.67	(12)	0	2 /30	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		TWICE / MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		<5	****** <5	<5	(19)	0	2 /30	GRAB
00530 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	25 ****** 30DA AVG	35 ****** MX 7D AV	70 DAILY MX	MG/L		TWICE/ MONTH	GRAB
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT	*****	*****		*****	*****	N/A	(25)			
00545 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT	*****	*****		*****	*****	N/A	(19)			
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		TWICE/ MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		*****	*****	<0.05	(19)	0	2 /30	GRAB
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	1.0 DAILY MX	MG/L		TWICE/ MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL		*****	0	(94)	*****	*****	*****		0	2 /30	VISUAL
45613 1 0 0 EFFLUENT GROSS VALUE			0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL

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

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AREA CODE	NUMBER	YR	MO	DA

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(Include Facility Name/Location if different)

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DISCHARGE MONITORING REPORT *(DMR)*

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

MONITORING PERIOD

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

MAJOR
F - FINAL
MINESITE
24" PIPE DISCHARGING MINE WATER

Form Approved
OMB No. 2040-0004

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS 0	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	657	(19)	0	2 /30	GRAB
	PERMIT REQUIREMENT	******	******	**** ****	******	******	1200 DAILY MX	MG/L		TWICE/ MONTH	GRAB
OIL AND GREASE VISUAL 84066 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	2 /30	VISUAL
	PERMIT REQUIREMENT	******	0	YES=1 NO=0	******	******	******	**** ****		TWICE/ MONTH	VISUAL
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
435	286-4880	09	10	22
AREA CODE	NUMBER	YR	MO	DA

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

0
0

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

NAME: Canyon Fuel Co., LLC
ADDRESS: SUFCO Mine
597 South SR 24
Salina, UT 84654
FACILITY: SUFCO Mine
LOCATION: SALINA

ATTN: KENNETH E. MAY, MINE MANAGER

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

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

MAJOR
F - FINAL
BIOMONITORING

Form Approved
OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 9	0 7	0 1	0 9	0 9	3 0
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

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

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER

KENNETH E. MAY
MINE MANAGER

TYPED OR PRINTED

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

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YR	MO	DA
435	286-4880	09	10	22

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 Test Report
Cover Letter

October 7, 2009

Received
OCT 14 2009
Canyon Fuel Company
SUFCO Mine

Canyon Fuel Company LLC - Sufco Mine
Attn: Mike Davis
597 South SR 24
Salina, Utah 84654

Dear Ruth,

Enclosed is the report for the sample dated 09/23/2009. The laboratory number assigned to this sample(s) is #7845 for effluent. The sample was tested for acute toxicity using Ceriodaphnia dubia following the procedures listed in EPA Section 2002.0. This report is comprised of 6 pages which include;

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

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

Sincerely,

Lee Rawlings
Lab Director

QA/QC Flags: None.

Comments:

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

Ceriodaphnia

Received
OCT 14 2009
Canyon Fuel Company
SUFCO Mine

DATE: October 7, 2009

PERMITTEE NAME: Canyon Fuel Company LLC - Sufco Mine

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

SAMPLE *(Date/Type)*: 09/23/2009 Composite

DATE/TIME TEST BEGAN: 09/24/2009 1:00 p.m. **DATE/TIME TEST COMPLETED:** 09/26/2009 2:00 p.m.

TEST CONDITIONS

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

Animal Age at Test Start	<24 hours.
Number of Organisms/Dilution Volume/Replicates	5 organisms/15 mL/4 replicates.
Food	Fed YTC and Algae before starting test.
Aeration	None required.
Dissolved Oxygen	Measured daily old/new.
Water Replacement	Renewed daily.
Temperature	20 ± 1 degrees C.
Photo Period	16 hours light 8 hours dark.
pH	Measured initially and at 24 hours.
Dilution Water	Reconstituted lab water approx. 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
Water & Environmental Testing, Inc.

Enclosure

Region VIII Guidance for Acute Whole Effluent Reporting

Received
OCT 14 2009
Canyon Fuel Company
Sufco Mine

PERMITTEE NAME: Canyon Fuel Company LLC - Sufco Mine

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

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

SAMPLE *(Date/Type)*: 09/23/2009 Composite

DATE/TIME TEST BEGAN: 09/24/2009 1:00 p.m.

DATE/TIME TEST COMPLETED: 09/26/2009 2:00 p.m.

Survival Totals

	Dilutions (% Effluent)						
	Recon Water	Rec. Water	6.25%	12.5%	25%	50%	100%
Initial	20	NA	20	20	20	20	20
24 hours	20	NA	20	20	20	20	19
48 hours	20	NA	20	20	20	20	18

Chemistries

	Dissolved Oxygen (mg/L)						
Initial New/Old	7.4	NA	7.4	7.6	7.4	7.1	6.9
24 hours	7.3/7.6	N/A	7.5/7.6	7.4/7.5	7.5/7.6	7.7/7.5	8.0/7.6
48 hours	7.0	NA	7.5	7.5	7.5	7.5	7.5

	Temperature (°C)						
Initial New/Old	20.0	NA	20.0	20.0	20.0	20.0	20.0
24 hours	20.0/20.2	NA	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2	20.0/20.2
48 hours	19.6	NA	19.6	19.6	19.6	19.6	19.6

	pH (SU)						
Initial New/Old	8.48	NA	8.42	8.33	8.28	8.03	7.81
24 hours	8.58/8.52	NA	8.45/8.51	8.34/8.30	8.23/8.53	8.01/8.61	7.81/8.59
48 hours	8.53	NA	8.62	8.63	8.63	8.69	8.45

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

Signature: Lee Rawlings **Date:** 10/7/09

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

October 7, 2009

Received
OCT 14 2009
Canyon Fuel Company
SUFCO Mine

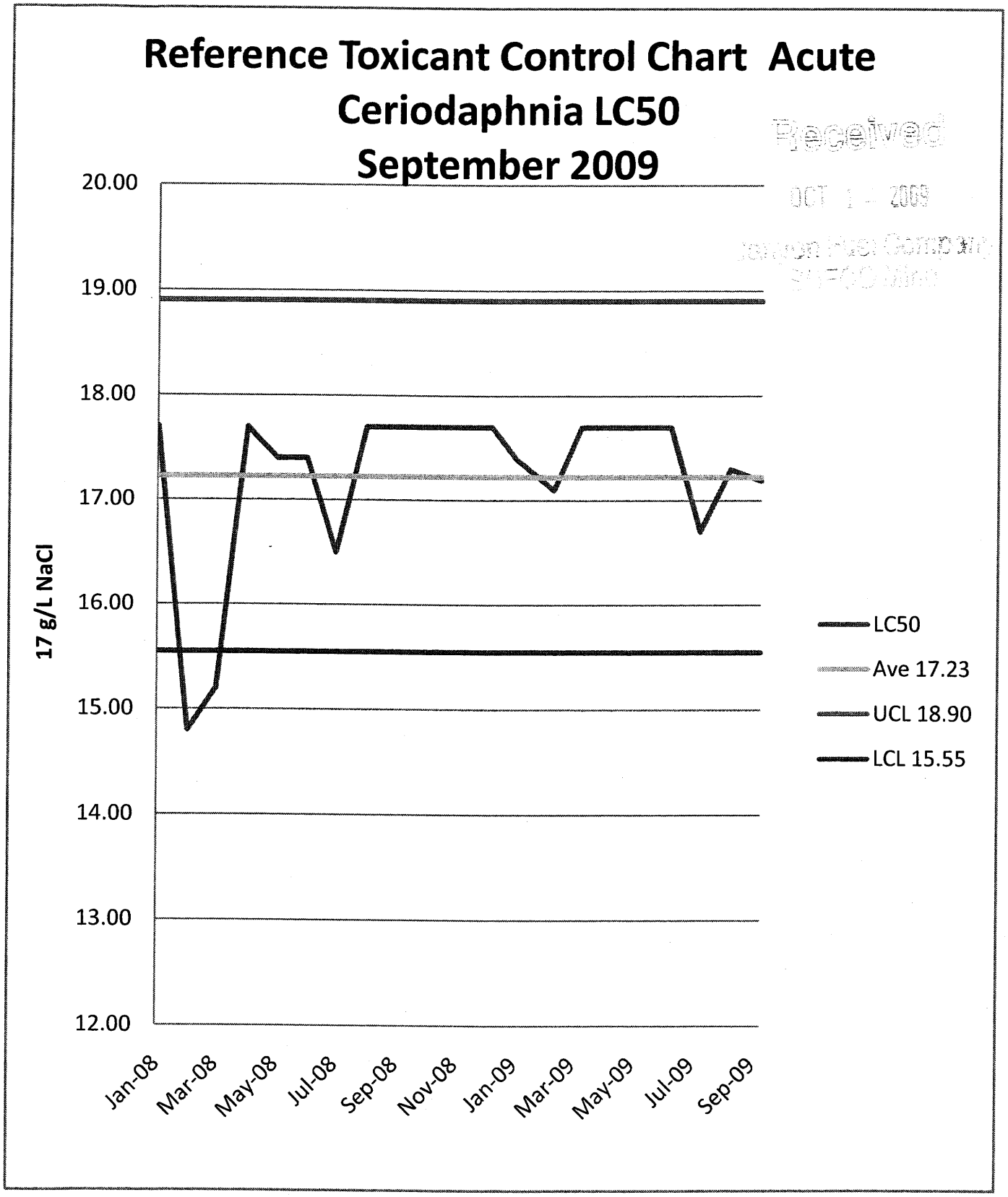
CUSTOMER NAME:
Canyon Fuel Company LLC - Sufco Mine
Attn: Mike Davis
597 South SR 24
Salina, Utah 84654

SAMPLE DESCRIPTION:
Chemistries to go with Acute Ceriodaphnia Toxicity Test Collected 09/23/2009.

Sample Source	Test Performed	Log Number	Test Results
Effluent	Total Hardness, Recon (EPA 130.2)		180 mg/L
	Total Hardness, Effluent (EPA 130.2)	7845	464 mg/L
	Total Hardness, Receiving Water (EPA 130.2)	NA	NA mg/L
	Ammonia, Effluent (EPA 350.2/350.3)	7845	<0.05 mg/L
	Ammonia, Receiving Water (EPA 350.2/350.3)	NA	NA mg/L
	Initial Chlorine Residual (EPA 330.5)	7845	<0.05 mg/L
	Final Chlorine Residual (EPA 330.5)	7845	N/A mg/L
	Conductivity, Effluent (EPA 120.1)	7845	974 umhos/cm
	Alkalinity, Effluent (EPA 310.1)	7845	288 mg/L $CaCO_3$
	Conductivity, Receiving Water (EPA 120.1)	NA	NA umhos/cm
	Alkalinity, Receiving Water (EPA 310.1)	NA	NA mg/L $CaCO_3$
	Recon Initial pH (EPA 150.1)		8.48
	After 24 hours pH (EPA 150.1)		8.52
	100% Initial pH (EPA 150.1)	7845	7.81
	100% After 24 hours pH (EPA 150.1)	7845	8.59
	Rec. Water Initial pH (EPA 150.1)	NA	NA
	Rec. Water After 24 hours pH (EPA 150.1)	NA	NA

Lee Rawlings

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


Reference Toxicant Control Chart Acute
Ceriodaphnia LC50
September 2009
20.00
19.00
18.00
17.00
16.00
15.00
14.00
13.00
12.00
17 g/L NaCl
Jan-08
Mar-08
May-08
Jul-08
Sep-08
Nov-08
Jan-09
Mar-09
May-09
Jul-09
Sep-09
LC50
Ave 17.23
UCL 18.90
LCL 15.55

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

Received
OCT 1 - 2009

Chain of Custody Record

Customer: SUFCO	Sampler: A. QUAY MECHAM
Sample Date: 092309	Project: PT003A

Sample Information

Sample #	Date	Time	Composite/Grab	Location	Analysis Requested
1	092309	0700	GRAB	QUITCHUPAH DISCHARGE	CEREODAPHNIA
2	092309	0700	GRAB	QUITCHUPAH DISCHARGE	CEREODAPHNIA

Sample Custody Record

Relinquished by: A Quay Mecham	Received by: Mike Davis	Date/Time 092309 0800
Relinquished by: Mike Davis	Received by: [illegible]	Date/Time 1:30 9-23-09
Relinquished by: [illegible]	Received by: [illegible]	Date/Time 9/23/09 9:00pm
Sample Received in Lab by [illegible]	Date/Time 9-23-09 1:30	

Comments:

Temperature Received in the Lab: Effluent: 60
Receiving Water: —

W.E.T. Inc. Use Only

Cooler: Wet Ice ____ Blue Ice X None ____
Hand Delivery X W.E.T. Inc. Courier ____ Shipped ____
Arrived in Shipping Container: Y / N Sealed: Y / N / NA
Samples-Custody Seals Used Y / N Intact Y / N
COC and Labels Match? Yes X No ____

Broken, Damaged or Leaking? Yes ____ No X
Correct Containers Used? Yes X No ____
Sufficient Quantity Sample? Yes X No ____
Sufficient Quantity of Receiving Water? Yes NA No ____
Adequate Info provided? Yes X No ____
Sample Acceptance Accepted X Rejected ____