Sconza Candy Company
Candy Manufacturers Since 1939

1 Sconza Candy Lane • Oakdale, California 95631 • TEL: (209) 845-3700 • FAX: (209) 845-3779

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July 19, 2011
Mr. Victor Vasquez
California Regional Water Board
Central Valley Region RWQCB
11020 Sun Center Drive #200
Rancho Cordova, CA 95670

Victor:

Attached are the results of monitoring for the month of June 2011, for effluent water for Sconza Candy Company at their Oakdale facility at One Sconza Candy Lane. This property was previously held by Hershey Chocolate & Confectionery Corp., operating under Waste Discharge Monitoring and Reporting Program Order No. R5-2002-0111 and for NPDES No. CA0004146.
JL Analytical Services, Inc. in Modesto completed all monthly/bi-monthly tests.
Please let me know if there are any concerns.
Jesse Hodges Cell # 209 918-0140

"I certify under penalty of the law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,

Ron Sconza
VP Manufacturing
Sconza Candy Company

SDL 7/26/11

Sconza Candy Company
June 2011 Weekly/Monthly Monitoring

EFFLUENT MONITORING (NON-CONTACT COOLING WATER)

DATE (2011)	BOD *Twice per month*		COD *Twice per month*		TURBIDITY (NTU) *Monthly*	Oil & Grease *Twice per month*		ACUTE TOXICITY (% Survival) *Monthly*
	Mg/l	*lb/day*	*Mg/l*	*lb/day*		*Mg/l*	*lb/day*	
6/2	4	79.7	<5	<99.6	NT	**<5**	<99.6	95
6/6	3	59.7	<5	<99.6	NT	<5	<99.6	NT
6/7					<0.1			
30 day avg.	3.5	69.7	<5	<99.6		<5	<99.6	

DATE (2011)	FLOW (MGD) *Continuous* Well flow- Sewer- landscape watering = Flow to OID canal in MGD	pH *Weekly*	CHLORINE RESIDUAL *Weekly*		TEMP. (°F) *Weekly*	DISSOLVED OXYGEN (mg/l) *Weekly*	SPECIFIC CONDUCTIVITY (µmhos/cm) *Weekly*
			mg/l	lb/day			
6/3	2.81- 0.15 – 0.15 = 2.51 MGD	8.13	0.04	0.80	70.9	8.67	249.2
6/9	2.66- 0.15 – 0.15 = 2.36 MGD	7.93	0.01	0.10	70.2	9.58	253
6/17	2.65- 0.15 – 0.15 = 2.35 MGD	8.02	0.03	0.50	62.4	9.11	251
6/24	2.64- 0.15 – 0.15 = 2.34 MGD	7.74	0.02	0.30	73.2	7.74	249.4
30 day avg.	2.39 MGD		0.03	0.43			

RECEIVING WATER (OAKDALE IRRIGATION DISTRICT CANAL)

DATE 11)	FLOW(MGD) (cubic ft/min) *weekly*		pH *Weekly*		CHLORINE RESIDUAL (mg/l) *Weekly*		TURBIDITY (NTU) *Monthly*		TEMP. (°F) *Weekly*		DISSOLVED OXYGEN (mg/l) *Weekly*		SPECIFIC CONDUCTIVITY (µmhos/cm) *Weekly*	
	R1	R2	R1	R2	R1	R2	R1	R2	R1	R2	R1	R2	R1	R2
6/3	3548	as R1	6.93	6.87	0.00	0.00			63.5	58.8	9.69	10.51	59.09	73.13
6/7							3.1	3.1						
6/9	2964	as R1	6.98	7.12	0.00	0.00			62.2	63.5	10.03	10.41	57.32	69.03
6/17	4068	"	7.07	7.34	0.00	0.00			66.9	68.0	9.01	9.28	65.41	77.02
6/24	3621	"	6.79	7.05	0.01	0.01			61.0	61.9	9.70	9.76	58.16	74.21
30 day avg.					0.00	0.00								

Sconza Candy Company
June 2011 Monitoring

WATER CONDITIONS BOUNDED BY R1 AND R2

DATE: (2011)	6/3	6/9	6/17	6/24	
FLOATING OR SUSPENDED MATERIAL	Weed litter	Weed litter	Weed and leaf debris	Weed debris	
DISCOLORATION	Brownish	Brownish-green	Brownish-green	Brownish-green	
BOTTOM DEPOSITS	Mud/silt	Mud/silt	Mud/silt	Mud/silt	
AQUATIC LIFE	Aquatic plants, algae, moss, small inverts	Aquatic plants, algae, snail, small inverts	Aquatic plants, algae, snails, small frog	Aquatic plants, moss, small inverts	
VISIBLE FILM, SHEEN OR COATINGS	None	None	None	None	
FUNGI, SLIMES OR OBJECTIONABLE GROWTH	None	None	None	None	
POTENTIAL NUISANCE CONDITIONS	None	None	None	None	
PRESENCE OR ABSENCE OF SALMONIDS	Absent	Absent	Absent	Absent	
COMMENTS	Cloudy				

DATE SAMPLED	FLOATING/SUSPENEDED MATTER	DISCOLORATION	BOTTOM DEPOSITS	AQUATIC LIFE	VISIBLE FILMS, SHEENS OR COATINGS	FUNGI, SLIMES OR OBJECTIONABLE GROWTH	POTENTIAL NUISANCE CONDITIONS	PRESENCE/ABSENCE OF SALMONIDS	COMMENTS:
5/17/11	Weed debris	Brownish	mud/silt	moss Algen Frog	None	None	None	Absent	
5/26/11	Weed debris	Brownish	mud/silt	Moss Algen Water beetles	None	None	None	Absent	very little flow
6/3/11	Weed debris	Brownish	mud/silt	aquatic plants moss algen small inverts	None	None	None	Absent	cloudy
6/9/11	Weed debris	Brownish-green	mud/silt	aquatic plants moss small inverts 1 snail	None	None	None	Absent	
6/17/11	Weed + leaf Debris	Brownish-green	mud/silt	aquatic plants moss snails small frog(?)	None	None	None	Absent	
6/21/11	Weed debris	Brownish-green	mud/silt	aquatic plants moss small inverts	None	None	None	Absent	

J L ANALYTICAL SERVICES, INC.

217 Primo Way • Modesto, California 95358 • Office (209) 538-8111 • FAX (209) 538-3966

Sconza Candy Company
Attn: Jesse Hodges
1 Sconza Candy Lane
Oakdale,CA 95361

Report # L2.2-14R12693
Report Date: 06/09/2011
Received Date: 06/02/2011
Work Order: 242046

Laboratory Number: 24204601
Description: Water, Pond Effluent, 6/2/11, 745

Analytical Results

Constituent		Result		Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
BOD		4	mg/l	2.0	1.0	SM 5210B	06/03/2011	07:55	NH
COD, titrametric	<	5	mg/l	5.0	3.0	SM 5220C	06/07/2011	13:30	GP
Oil & Grease	<	5	mg/l	5.0	1.5	EPA 1664A	06/02/2011	10:00	JP

QC Results

Constituent	QC Units	Blank		Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
BOD	mg/l	< 2		2100	2000	3100	3000	2000	1.9	92.0	98.1
COD, titrametric	mg/l	< 5	<	5	500	34	32	570	4.0	112.6	115.0
Oil & Grease	mg/l	< 5	<	5	80	78	78	76	0.3	95.4	92.8

Notes

Authorized By: Amos Snider 06/09/2011
Amos Snider Laboratory
Supervisor

ELAP Accreditation Laboratory Certificate #1203. These results relate only to the samples tested. This report shall not be reproduced except in fullwithout written approval of the laboratory.

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Sconza Candy Company
Attn: Jesse Hodges
1 Sconza Candy Lane
Oakdale,CA 95361

Report # L2.2-14R12749
Report Date: 06/13/2011
Received Date: 06/06/2011
Work Order: 242221

Laboratory Number: 24222101
Description: Water, Pond Effluent, 6/6/11, 745

Analytical Results

Constituent		Result		Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
BOD		3	mg/l	2.0	1.0	SM 5210B	06/06/2011	09:00	NH
COD, titrametric	<	5	mg/l	5.0	3.0	SM 5220C	06/07/2011	13:30	GP
Oil & Grease	<	5	mg/l	5.0	1.5	EPA 1664A	06/08/2011	11:00	JP

QC Results

Constituent	QC Units	Blank		Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
BOD	mg/l	<	2	2300	2000	3300	3300	1800	0.4	93.6	90.4
COD, titrametric	mg/l	<	5	< 5	500	34	32	570	4.0	112.6	115.0
Oil & Grease	mg/l	<	5	< 5	80	80	81	80	0.8	95.9	95.6

Notes

Authorized By: Amos Snider 06/13/2011
Amos Snider Laboratory
Supervisor

ELAP Accreditation Laboratory Certificate #1203. These results relate only to the samples tested. This report shall not be reproduced except in fullwithout written approval of the laboratory.

SIERRA
FOOTHILL LABORATORY Inc

REPORT

255 SCOTTSVILLE BLVD.
P.O. BOX 1268 JACKSON, CA 95642
(209) 223 – 2800
sandy@sierralab.com

6/11/2011

J L Analytical Services Inc
217 Primo Way, Ste 2
Modesto CA 95358

96h Static Screening Acute Bioassay with Fathead Minnow 6/02/11-6/06/11
Sconza Candy Effluent collected 6/02/11 0745
Laboratory # 720547
NPDES# CA000416

Sample description:

One 1-gallon plastic container of Sconza Candy Effluent sample collected 6/02/11 0745 was received at the lab 6/02/11 1255 via courier. The sample was iced, 2.6C and in good condition. Laboratory # 720547 was assigned to the effluent, and chemical measurements made are summarized on the following report page.

Control/ comparison water was Diluted Mineral Water (dMW) prepared 5/20/11 using 26% Evian and 74% Arrowhead Distilled. Organisms are cultured in dMW.

Testing method closely followed:

EPA 600/4-90/027F Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms. 4th edition.

Endpoint of test is death or 96h. The testing began 6/02/11 1520 and ended 6/06/11 1520. Test chambers were 500ml plastic containing 300ml of test solution. There were two replicate chambers per treatment, with 10 fish per chamber. *Pimephales promelas* (fathead minnow) obtained from EnviroScience, hatched 5/29/11 were used. Organism age was 4d. Temperature was 25C ± 1C. KCl reference toxicant test date was 6/02/11 and data were in control. Test ran without incidence for 96h.

Results:

Treatment	# Organisms	# Replicates	96h % Survival
100% Sconza Candy Pond Effluent collected 5/05/11 0925	20	2	95
dMW Lab Control	20	2	100

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ELAP #1113 NELAP #06245CA

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FOOTHILL LABORATORY Inc

REPORT

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6/11/2011

J L Analytical Services Inc
217 Primo Way, Ste 2
Modesto CA 95358

96h Static Screening Acute Bioassay with Fathead Minnow 6/02/11-6/06/11
Sconza Candy Effluent collected 6/02/11 0745
Laboratory # 720547
NPDES# CA000416

Summary:

On 6/02/11 1520, 4d old fathead minnows were exposed to Sconza Candy Effluent collected 6/2/11 0745. The effluent sample was 7h old at test initiation. At 96h test termination, there was 95% survival of organisms exposed to Sconza Candy Effluent collected 6/02/11 0745. There was 100% survival of organisms exposed to laboratory control.

Percent survival of organisms exposed to the Sconza Candy Effluent collected 6/02/11 0745 was not significantly reduced from survival of organisms in lab control.

Summary prepared by:

Sandy Nurse

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ELAP #1113 NELAP #06245CA

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Sierra Foothill Laboratory Inc
P O Box 1268/ 255 Scottsville Blvd
Jackson CA 95642
(T) 209 223-2800 (F) 209 223-2747

JLAN

CUSTOMER NAME: J&L ANALYTICAL for Sconza Candy

ADDRESS: (SHIP) 1400 SOUTH YOSEMITE AVE (MAIL)217 PRIMO WAY

CITY, STATE, ZIP: OAKDALE CA 95361 MODESTO CA 95358

ATTN: JESSE HODGES TERRY MOONEY

NPDES# CA000416

SFL ID#	SOURCE DESCRIPTION	ANALYSIS (x)		SAMPLING & CONTAINER INFORMATION:			
		Chronic*	Acute**	MATRIX	P/G	DATE/HR COLLECTED	BY
720547-01	Sconza Candy Pond Effluent		X	WW	Gal P ?	6/2/11 7145	[illegible]

* *Acute 96h screening bioassay with fathead minnows, EPA 600/4-90/027F

2.5c -6 shine

Collection for June 2011 is as follows:

Date		Amt. effluent to collect
Thurs 6/02/2011	lab picks up on route a City of Oakdale WWTP	2-1/2 gallon ✓ AFSc

Transportation notes: Ice sample after collection. Lab will pickup on route at City of Oakdale WWTP, ice must be present in chest to indicate cooling.

RELINQUISHED BY: [signature] DATE/TIME: 8:20 6/2/11

RECEIVED BY: Lovanna Brown DATE/TIME: 0907 6/2/11

RELINQUISHED BY: Lovanna Brown DATE/TIME: 1030 6/2/11

RECEIVED BY: [signature] DATE/TIME: 6-2-11 1030

Rel [signature] 6-2-11 1255

Rec [signature] 6/2/11 1255

[signature] 6-2-11

Sierra Foothill Laboratory, Inc.

255 Scottsville Blvd
PO Box 1268
Jackson, CA 95642

Phone 209/223-2800
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Email info@sierralab.com

Report Date: 06/10/2011

Client: **JLAN**

J L Analytical Services, Inc.
217 Primo Way, Ste 2
Modesto, CA 95358-

Project Report: **198115**

Results for Project 198115

720547 SCONZA CANDY POND EFFLUENT Liquid Taken: 06/02/2011 0745 By: Client Rec:06/02/2011

REC'D IN 2X.5 GAL PLASTIC UNPRESERVED.

Parameter	Result	Unit	Flag	RL	Method	Analyzed	By	CAS
Acute tox 96h fathead, 4th ed	See Report	%survival			600/4-90/027F,1993	06/03/2011 1100	SFL	
Specific Conductance	253	umhos/cm		1.00	EPA120.1/SM2510B	06/02/2011 1020	J&R	
Alkalinity, Total as CaCO3	92	mg/L		5.0	EPA310.1/SM2320B	06/09/2011 1040	RK	
Hardness as CaCO3	87	mg/L		5.0	SM2340C	06/06/2011 1450	RK	
pH, Lab*	8.2	unit		0.1	SM4500-H+B	06/02/2011 1410	J&R	*past hold
Oxygen, Dissolved, Lab*	8.7	mg/L		0.1	SM4500-O G	06/02/2011 1410	RK	*past hold
Chlorine Residual,Total, Lab*	<0.10	mg/L		0.10	SM4500Cl G	06/02/2011 0955	RK	*past hold

Sample Preparation Steps for Project 198115

720547 SCONZA CANDY POND EFFLUENT Liquid Taken: 06/02/2011 0745 By: Client Rec:06/02/2011

Parameter	Result	Unit		Method	Analyzed	By
Nitrogen, Ammonia-N Screen	ND	mg/L	0.50	SFL SOP 125	06/02/2011 1100	RK

SET Quality Control/Quality Assurance for Project 198115

Alkalinity, Total as CaCO3 (Analyzed: 06/09/2011 1040 RK Verified: 06/10/2011 13:25 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
	Standard	425	465	mg/L	91.4	
	Blank	<5.0		mg/L		
720445	Duplicate	24	24	mg/L		0.0
720613	Duplicate	84	88	mg/L		4.7
720790	Duplicate	68	72	mg/L		5.7
720384	Matrix SPK	34.0	35	mg/L	97	
720690	Matrix SPK	64.2	69	mg/L	93	
720784	Matrix SPK	32.9	35	mg/L	94	

Chlorine Residual,Total, Lab* (Analyzed: 06/02/2011 0955 RK Verified: 06/03/2011 12:31 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
	Blank	<0.10		mg/L		
720483	Duplicate	<0.10	<0.10	mg/L		0.0

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Continued

Sierra Foothill Laboratory, Inc.

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Phone 209/223-2800
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Client: **JLAN**
Project Report: **198115**

SET Quality Control/Quality Assurance for Project 198115

Chlorine Residual,Total, Lab*

(Analyzed: 06/02/2011 0955 RK Verified: 06/03/2011 12:31 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
720547	Duplicate	<0.10	<0.10	mg/L		0.0

Oxygen, Dissolved, Lab*

(Analyzed: 06/02/2011 1410 RK Verified: 06/03/2011 12:30 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
720502	Duplicate	10.7	10.6	mg/L		0.9

Specific Conductance

(Analyzed: 06/02/2011 1020 J&R Verified: 06/03/2011 12:30 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
	Standard	105	100	umho/cm	105.0	
720483	Duplicate	259	258	umho/cm		0.4
720544	Duplicate	516	514	umho/cm		0.4

Hardness as CaCO3

(Analyzed: 06/06/2011 1450 RK Verified: 06/06/2011 16:41 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
	Standard	571	598	mg/L	95.5	
	Blank	<5.0		mg/L		
720234	Duplicate	83	87	mg/L		4.7
720489	Duplicate	110	114	mg/L		3.6
720612	Matrix SPK	74.8	86	mg/L	87	
720694	Matrix SPK	75.7	86	mg/L	88	

pH, Lab*

(Analyzed: 06/02/2011 1410 J&R Verified: 06/03/2011 12:28 KL)

Sample	Type	Result	Value	Unit	Recovery (%)	RPD
	Standard	7.4	7.4	unit	100.0	
720547	Duplicate	8.2	8.2	unit		0.0

ELAP #1113 NELAP #06245CA

Sandy Nurse

Sandy Nurse, Lab Director

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Sierra Foothill Laboratory, Inc.
255 Scottsville Blvd.
Jackson, CA 95642

Client: J&L Analytical-Sconza Candy 720547

Test Conducted By: LG/SN/JCM

Exposure Chamber: Capacity 500 mL
Test Solution Volume 300 mL

Feeding Schedule: Not Fed _____
Fed Daily, Siphon Debris Daily ~~X~~ VSM
Fed Irregularly (.1 mL @46h; Siphon @ 48h) X

Test Period:
Beginning: Date 6-02-11 Time 1520
Ending: Date 6-06-11 Time 1520

Food Used: <24h Artemia Code: 6263
Exposed Organisms: 10/test exposure chamber
Renewal Volume and Date: 100 mLs @ 48h
☐ EPA 600/4-90/027F X☐ EPA 821-R02-012
Temp: 25°C +/- 1 Temp: max.- min. ≤ 3° C

Test Organism:
Species: Pimephales promelas
Age: Hatch Date ~~5-31-11~~ VSM 5-21-11 ~~24~~ VSM day old
Source: Enviro Science
Control Water: dMW of 5-20-11
Reference Toxicant Test Date: 6-02-11 Prep Date 5-23-11
KCl Reagent Code 6347 Prep Code 0511-24

Conc or %	Test Container #	# Dead:				Dissolved oxygen (mg/L):					pH (unit):					EC (µmho/cm):		
		24	48	72	96	0	24	48	72	96	0	24	48	72	96	0	48	96
EFF	3011	0	0	0	0	5.5	7.6	7.7	7.6	7.6	8.4	8.3	8.4	8.4	8.3	253	382	313
	3012	0	0	0	1													
Mortality Check Time/Initials																		

Lab Comments:

Sierra Foothill Laboratory, Inc.
255 Scottsville Blvd.
Jackson, CA 95642

Client: J&L Analytical-Sconza Candy

Test Conducted By: LG/SN/JCM

Exposure Chamber: Capacity 500 mL
Test Solution Volume 300 mL
Feeding Schedule: Not Fed ____
Fed Daily, Siphon Debris Daily ~~X~~ XM
Fed Irregularly (.1 mL @46h; Siphon @ 48h) X

Test Period:
Beginning: Date 6-02-11 Time 1520
Ending: Date 6-06-11 Time 1520

Food Used: <24h Artemia Code: 6263
Exposed Organisms: 10/test exposure chamber
Renewal Volume and Date: 100 mLs @ 48h
☐ EPA 600/4-90/027F X☐ EPA 821-R02-012
Temp: 25°C +/- 1 Temp: max.- min. ≤ 3° C

Test Organism:
Species: Pimephales promelas
Age: Hatch Date ~~5-31-11~~ 5-29-11 JCM ~~2~~ 4 day old
Source: Enviro Science
Control Water: dMW of 5-20-11
Reference Toxicant Test Date: 6-02-11 Prep Date: 5-23-11
KCl Reagent Code: 6347 Prep Code: 0511-24

Test Cont. number	0h Temp	24h Temp	48h Temp	72h Temp	96h Temp	Total Alkalinity (mg/L as $CaCO_3$) 0h	Total Hardness (mg/L as $CaCO_3$) 0h	Cl_2 (mg/L) 0h	NH_3P (mg/L) 0h
3011 Initial	25	23.2	25.0	25.0	23.4	92	87	<.1	<.5

Sierra Foothill Laboratory, Inc.
255 Scottsville Blvd.
Jackson, CA 95642

Client: dMW/Ref Tox

Test Conducted By: LG/SN/JCM

Exposure Chamber: Capacity 500 mL
Test Solution Volume 300 mL

Feeding Schedule: Not Fed ____
Fed Daily, Siphon Debris Daily ~~X~~ JCM
Fed Irregularly (.1 mL @46h; Siphon @ 48h) X

Test Period:
Beginning: Date 6-02-11 Time 1520
Ending: Date 6-06-11 Time 1520

Test Organism:
Species: Pimephales promelas
Age: Hatch Date ~~5-31-11~~ JCM 5-29-11 ~~24~~ 24 JCM day old
Source: Enviro Science
Control Water: dMW of 5-20-11

Food Used: <24h Artemia **Code:** 6263
Exposed Organisms: 10/test exposure chamber
Renewal Volume and Date: 100 mLs @ 48h
X☐ EPA 600/4-90/027F X☐ EPA 821-R02-012
Temp: 25°C +/- 1 Temp: max.- min. ≤ 3° C

Reference Toxicant Test Date : 6-02-11 **Prep Date:** 5-23-11
KCl Reagent Code: 6347 **Prep Code:** 0511-24

Conc or %	Test Container #	# Dead:				Dissolved oxygen (mg/L):					pH (unit):					EC (µmho/cm):		
		24	48	72	96	0	24	48	72	96	0	24	48	72	96	0	48	96
dMW	3001	0	0	0	0 0	8.0	7.6	7.8	7.7	7.8	8.3	8.2	8.3	8.3	8.2	172	160	190
	3002	0	0	0	0 0													
KCl 0.25	3003	0	0	0	0 0	7.9	7.6	7.8	7.7	7.7	8.3	8.2	8.3	8.3	8.2	648	630	649
	3004	0	0	0	0 0													
KCl 0.50 g/L	3005	0	0	0	0 1	7.9	7.7	7.7	7.7	7.7	8.3	8.2	8.3	8.3	8.2	1090	1024	1090
	3006	0	0	0	0 0													
KCl 1.0 g/L	3007	3	3	2	0	7.9	7.6	7.7	7.7	7.7	8.3	8.2	8.3	8.3	8.1	1950	1706	1919
	3008	1	4	3	2													
KCl 2.0 g/L	3009	10	—	—	—	7.9	7.7	—	—	—	8.3	8.2	—	—	—	3480	—	—
	3010	10	—	—	—													
Mortality Check Time/Initials		1325 JCM	1400 JCM	1200 JCM	1520 JCM	1415 JCM	0855 JCM	JCM	JCM	0840 JCM	1415 JCM	0910 JCM			0905 JCM		JCM	0920 JCM

CETIS Summary Report

Report Date: 10 Jun-11 12:48 (p 1 of 1)
Test Code: 060211PA5LRT1 | 21-4067-6835

Fathead Minnow 96-h Acute Survival Test — **Sierra Foothill Laboratory Inc.**

Batch ID:	18-3565-2800	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	02 Jun-11 15:20	**Protocol:**	EPA/821/R-02-012 (2002)	**Diluent:**	
Ending Date:	06 Jun-11 15:20	**Species:**	Pimephales promelas	**Brine:**	
Duration:	96h	**Source:**	Enviro Sciences Inc, TX	**Age:**	4d
Sample ID:	09-6993-0300	**Code:**	0511-24	**Client:**	Sierra Foothill Laboratory
Sample Date:	02 Jun-11	**Material:**	Potassium chloride	**Project:**	
Receive Date:	02 Jun-11	**Source:**	KCl Reference Toxicant		
Sample Age:	15h	**Station:**			

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
15-6468-1871	96h Survival Rate	0.5	1	0.7071	N/A		Fisher Exact Test

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
15-6468-1871	96h Survival Rate	Control Resp	1	0.9 - NL	Yes	Passes Acceptibility Criteria

96h Survival Rate Summary

Conc-gm/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	DMW	2	1	1	1	1	1	0	0	0.0%	0.0%
0.25		2	1	1	1	1	1	0	0	0.0%	0.0%
0.5		2	0.95	0.9236	0.9764	0.9	1	0.05	0.07071	7.44%	5.0%
1		2	0.1	0.04719	0.1528	0	0.2	0.1	0.1414	141.4%	90.0%
2		2	0	0	0	0	0	0	0		100.0%

96h Survival Rate Detail

Conc-gm/L	Control Type	Rep 1	Rep 2
0	DMW	1	1
0.25		1	1
0.5		0.9	1
1		0.2	0
2		0	0

CETIS Analytical Report

Report Date: 10 Jun-11 12:48 (p 1 of 1)
Test Code: 060211PA5LRT1 | 21-4067-6835

Fathead Minnow 96-h Acute Survival Test — **Sierra Foothill Laboratory Inc.**

Analysis ID:	15-6468-1871	**Endpoint:**	96h Survival Rate	**CETIS Version:**	CETISv1.8.0
Analyzed:	10 Jun-11 12:48	**Analysis:**	Single 2x2 Contingency Table	**Official Results:**	Yes

Batch ID:	18-3565-2800	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	02 Jun-11 15:20	**Protocol:**	EPA/821/R-02-012 (2002)	**Diluent:**	
Ending Date:	06 Jun-11 15:20	**Species:**	Pimephales promelas	**Brine:**	
Duration:	96h	**Source:**	Enviro Sciences Inc, TX	**Age:**	4d

Sample ID:	09-6993-0300	**Code:**	0511-24	**Client:**	Sierra Foothill Laboratory
Sample Date:	02 Jun-11	**Material:**	Potassium chloride	**Project:**	
Receive Date:	02 Jun-11	**Source:**	KCl Reference Toxicant		
Sample Age:	15h	**Station:**			

Data Transform	Zeta	Alt Hyp	MC Trials	NOEL	LOEL	TOEL	TU
Untransformed		C > T	Not Run	0.5	1	0.7071	

Fisher Exact Test

Control	vs	Conc-gm/L	Test Stat	P-Value	Decision(0.05)
DMW		0.25	1	1.0000	Non-Significant Effect
		0.5	0.5	0.5000	Non-Significant Effect
		1	0	<0.0001	Significant Effect

Test Acceptability Criteria

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.9 - NL	Yes	Passes Acceptibility Criteria

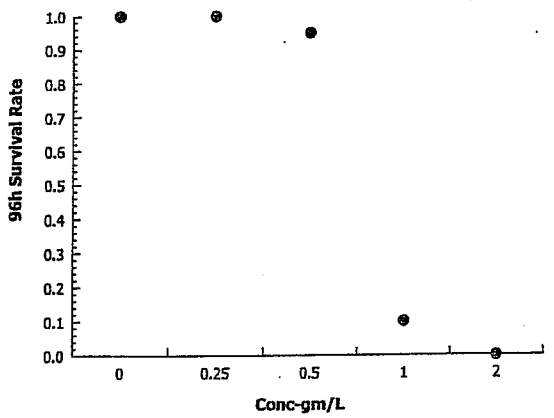
Data Summary

Conc-gm/L	Control Type	No-Resp	Resp	Total
0	DMW	20	0	20
0.25		20	0	20
0.5		19	1	20
1		2	18	20
2		0	20	20

96h Survival Rate Detail

Conc-gm/L	Control Type	Rep 1	Rep 2
0	DMW	1	1
0.25		1	1
0.5		0.9	1
1		0.2	0
2		0	0

Graphics

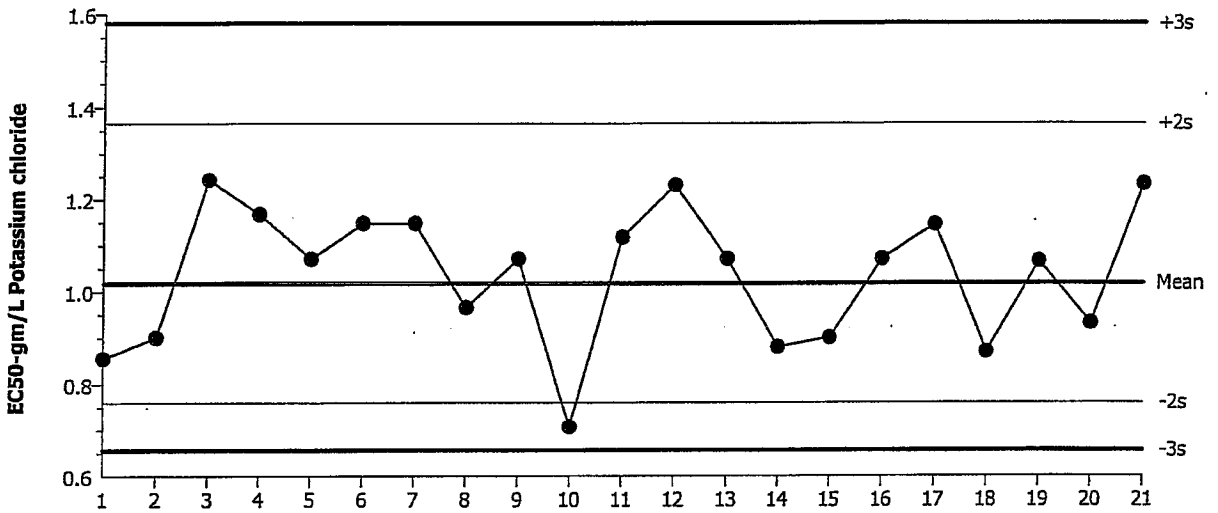


CETIS QC Plot

Report Date: 10 Jun-11 12:50 (1 of 1)

Fathead Minnow 96-h Acute Survival Test			Sierra Foothill Laboratory Inc.
Test Type: Survival (96h)	**Organism:** Pimephales promelas (Fathead Minn	**Material:**	Potassium chloride
Protocol: EPA/821/R-02-012 (2002)	**Endpoint:** 96h Survival Rate	**Source:**	KCl Reference Toxicant-RT1

Fathead Minnow 96-h Acute Survival Test



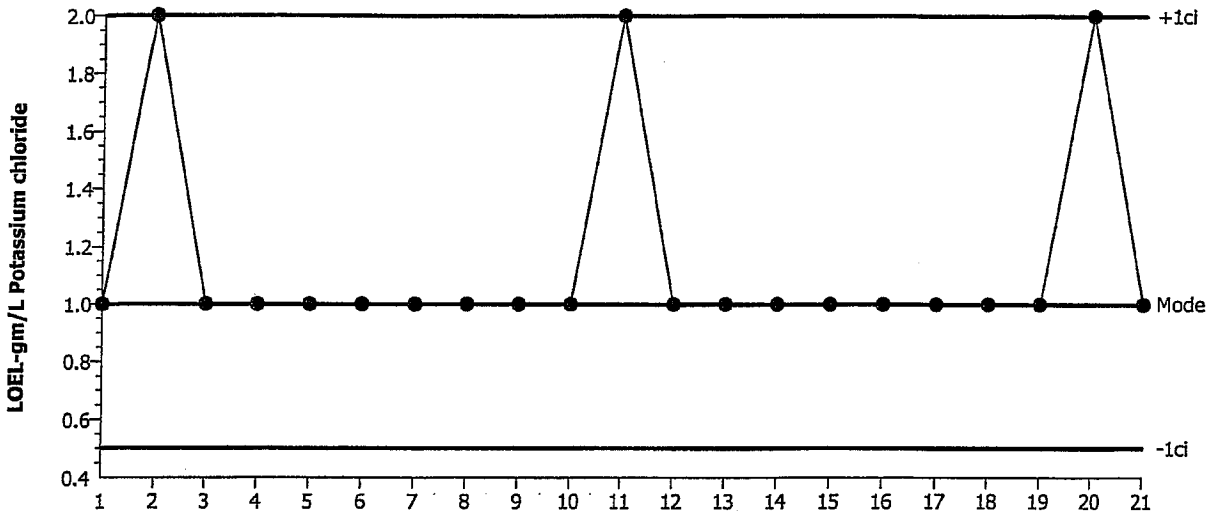
Mean:	1.019	**Count:**	20	**-2s Warning Limit:**	0.7597	**-3s Action Limit:**	0.6561
Sigma:	N/A	**CV:**	15.80%	**+2s Warning Limit:**	1.366	**+3s Action Limit:**	1.581

Quality Control Data

Point	Year	Month	Day	QC Data	Delta	Sigma	Warning	Action	Test ID	Analysis ID
1	2010	Oct	20	0.8556	-0.1629	-1.189			10-7352-0068	05-0990-0025
2		Nov	4	0.9013	-0.1173	-0.8343			00-6675-5277	19-6537-5686
3			16	1.243	0.2243	1.357			02-9968-1817	06-2576-1877
4	2011	Jan	11	1.168	0.1496	0.9347			18-8371-8811	00-1115-4720
5			19	1.072	0.05326	0.3477			09-2139-5321	04-4799-3707
6			25	1.149	0.1302	0.8205			18-1743-4639	06-8312-6442
7		Feb	8	1.149	0.1302	0.8205			08-9402-3489	13-7781-3667
8			15	0.9659	-0.05257	-0.3615			17-6195-7280	03-9107-8564
9			16	1.072	0.05326	0.3477			06-5671-2864	10-2487-8187
10			25	0.7071	-0.3114	-2.489	(-)		15-4252-8537	09-0293-1438
11		Mar	1	1.118	0.09957	0.6362			05-1161-5369	13-0338-0834
12			9	1.231	0.2126	1.293			20-3224-9970	15-7695-3646
13			15	1.072	0.05326	0.3477			11-6948-7973	01-4706-2655
14			16	0.8805	-0.138	-0.9929			04-5563-5050	02-5202-1790
15		Apr	6	0.9013	-0.1173	-0.8343			15-5427-6829	07-6291-6658
16			12	1.072	0.05326	0.3477			10-0204-4934	15-6996-7495
17			19	1.146	0.1273	0.8036			12-9769-3312	08-5775-0461
18			26	0.8706	-0.148	-1.071			04-9029-1617	01-3987-8470
19		May	5	1.066	0.04782	0.313			11-3091-3534	20-6934-7500
20			10	0.933	-0.08548	-0.5979			20-6137-7443	14-2897-3259
21			18	1.234	0.2152	1.308			12-6961-7174	06-0019-4189

Fathead Minnow 96-h Acute Survival Test					Sierra Foothill Laboratory Inc.
Test Type:	Survival (96h)	**Organism:**	Pimephales promelas (Fathead Minn	**Material:**	Potassium chloride
Protocol:	EPA/821/R-02-012 (2002)	**Endpoint:**	96h Survival Rate	**Source:**	KCl Reference Toxicant-RT1

Fathead Minnow 96-h Acute Survival Test



Mode: 1 **Count:** 20 **-1ci Action Limit:** 0.5
Dil Fact: 0.5 **+1ci Action Limit:** 2

Quality Control Data

Point	Year	Month	Day	QC Data	Delta	Sigma	Warning	Action	Test ID	Analysis ID
1	2010	Nov	4	1	0				00-6675-5277	17-9174-0120
2			16	2	1				02-9968-1817	20-6860-3566
3	2011	Jan	11	1	0				18-8371-8811	00-0939-8736
4			19	1	0				09-2139-5321	18-6187-1403
5			25	1	0				18-1743-4639	01-4470-4210
6		Feb	8	1	0				08-9402-3489	20-7180-8873
7			15	1	0				17-6195-7280	16-3976-4280
8			16	1	0				06-5671-2864	04-6023-9354
9			25	1	0				15-4252-8537	05-6416-6587
10		Mar	1	1	0				05-1161-5369	04-3056-1547
11			9	2	1				20-3224-9970	15-8757-2597
12			15	1	0				11-6948-7973	14-4618-6875
13			16	1	0				04-5563-5050	05-8801-1472
14		Apr	6	1	0				15-5427-6829	05-3552-9022
15			12	1	0				10-0204-4934	03-4729-3336
16			19	1	0				12-9769-3312	19-7871-1296
17			26	1	0				04-9029-1617	07-2802-1526
18		May	5	1	0				11-3091-3534	12-7375-8874
19			10	1	0				20-6137-7443	09-7249-2003
20			18	2	1				12-6961-7174	10-6070-1201
21		Jun	2	1	0				21-4067-6835	15-6468-1871

J L ANALYTICAL SERVICES, INC.

217 Primo Way • Modesto, California 95358 • Office (209) 538-8111 • FAX (209) 538-3966

Sconza Candy Company
Attn: Jesse Hodges
1 Sconza Candy Lane
Oakdale,CA 95361

Report # L2.2-14R12692
Report Date: 06/09/2011
Received Date: 06/07/2011
Work Order: 242339

Laboratory Number: 24233901
Description: Water, Pond Effluent, 6/7/11, 755

Analytical Results

Constituent		Result		Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
Turbidity	<	0.1	NTU	0.1	0.04	SM 2130B	06/07/2011	14:10	GP

QC Results

Constituent	QC Units	Blank	Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
Turbidity	NTU	< 0.1	0.2	40	40	40	40	0.5	100.3	99.3

Notes

Authorized By: Amy Ballinger 06/09/2011
Amy Ballinger Chemist

ELAP Accreditation Laboratory Certificate #1203. These results relate only to the samples tested. This report shall not be reproduced except in fullwithout written approval of the laboratory.

J L ANALYTICAL SERVICES, INC.

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Sconza Candy Company
Attn: Jesse Hodges
1 Sconza Candy Lane
Oakdale,CA 95361

Report # L2.2-14R12692
Report Date: 06/09/2011
Received Date: 06/07/2011
Work Order: 242339

Laboratory Number: 24233902
Description: Water, Receiving Water R1, 6/7/11, 750

Analytical Results

Constituent	Result	Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
Turbidity	3.1 NTU	0.1	0.04	SM 2130B	06/07/2011	14:10	GP

QC Results

Constituent	QC Units	Blank	Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
Turbidity	NTU	< 0.1	0.2	40	40	40	40	0.5	100.3	99.3

Notes

Authorized E Amy Ballinger 06/09/2011
Amy Ballinger Chemist

ELAP Accreditation Laboratory Certificate #1203. These results relate only to the samples tested. This report shall not be reproduced except in fullwithout written approval of the laboratory.

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Sconza Candy Company
Attn: Jesse Hodges
1 Sconza Candy Lane
Oakdale,CA 95361

Report # L2.2-14R12692
Report Date: 06/09/2011
Received Date: 06/07/2011
Work Order: 242339

Laboratory Number: 24233903
Description: Water, Receiving Water R2, 6/7/11, 800

Analytical Results

Constituent	Result		Minimum Level	Method Detection Limit	Method Reference	Analysis Date	Analysis Time	Analyst
Turbidity	3.1	NTU	0.1	0.04	SM 2130B	06/07/2011	14:10	GP

QC Results

Constituent	QC Units	Blank	Matrix	Theoretical Spike	Matrix Spike	Matrix Spike Duplicate	Lab Control Spike	Precision %	Accuracy %	Response %
Turbidity	NTU	< 0.1	0.2	40	40	40	40	0.5	100.3	99.3

Notes

Authorized By: Amy Ballinger 06/09/2011
Amy Ballinger Chemist

ELAP Accreditation Laboratory Certificate #1203. These results relate only to the samples tested. This report shall not be reproduced except in fullwithout written approval of the laboratory.

Sample Site	Time	Date	Temperature °C	°F	Conductivity	pH	Dissolved -O2 mg/L	Residual Chlorine PPM	Remarks: Conditions, outside tests, Storm water observations
R_1	10:45	5/26/11	15.3	59.5	59.19	7.13	9.52	0.00	Down MH's flow 0.44
E	11:00		22.9	73.2	249.4	7.74	8.71	0.02	
R_2	11:10		15.3	59.5	73.38	7.50	1039	0.00	
R_1	4:25	6/3/11	17.5	63.5	59.09	6.93	9.69	0.00	SW No Flow Down MH's Flow 0.82 Flow=3548 cfm
E	4:50		21.6	70.9	249.2	8.13	8.67	0.04	
R_2	5:00		14.9	58.8	73.13	6.87	10.51	0.00	
R_1	7:40	6/6/11							SW No Flow ~~COD, BOD~~ Turbidity
E	7:45								COD BOD Oil & Grease Turbidity
R_2	7:50								Turbidity
Water supply TN syrup	7:25	6/7/11							SW Flowing ok Coliforms – JLA
R_1	7:50								Turbidity – JLA lab
E	7:55								(Previous samples lost —)
R_2	8:00								
Well 2	5:40	6/8/11			365				Coliforms – JLA
Well 3	6:35	6/8/11	18.0		277				

Sample Site	Time	Date	Temperature °C	°F	Conductivity	pH	Dissolved -O2 mg/L	Residual Chlorine PPM	Remarks: Conditions, outside tests, Storm water observations
Well 4	6:15	6/8/11	16.9		283				Coli Farm 1
Next Storage	6:25							0.02	
Locker Room	7:05							0.05	
D7	4:25	6/9/11	16.8	62.2	57.32	6.98	10.03	0.00	21" down 0.71 Flow Flow=2964 cfm
E	4:40		24.6	76.3	247.0	8.04	9.54	0.01	clear
R2	4:55		17.5	63.5	69.03	7.12	10.47	0.00	SW No flow -
R1	5:10p	6/17/11	19.4	66.9	65.41	7.07	9.01	0.00	19" down 0.94 Flow Flow=4068
E	5:30		25.2	77.4	247.9	7.93	8.86	0.01	Clear
R2	5:45		20.0	68.0	77.02	7.34	9.28	0.00	SW no flow
R1	10:05	6/24/11	16.1	61.0	58.16	6.79	9.70	0.01	23" down 0.90 Flow Flow=3621 cfm
E	10:25		23.1	73.6	252.5	8.10	7.63	0.02	Clear
R2	10:35		16.6	61.9	74.21	7.05	9.76	0.01	SW - No Flow
R1	4:15	7/1/11	~~21.6~~ 17.2	63.0	57.49	7.80	8.88	0.00	Down 26" Flow 0.73 Flow=2772 cfm
E	4:35		26.3	79.3	249.1	7.97	8.78	0.03	
R2	4:45		17.9	64.2	70.24	7.81	8.89	0.01	SW Flow briefly