AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 25, 2005

Ms. Darla Wise
Ventura County Watershed Protection District
Flood Control District
800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1005.202

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005202	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-CC				

Conc-%	1	2	3	4
N Control	0.9800	1.0000	0.9900	0.9700
6.25	1.0000	1.0000	1.0000	1.0000
12.5	0.9900	1.0000	1.0000	1.0000
25	1.0000	1.0000	1.0000	1.0000
50	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000

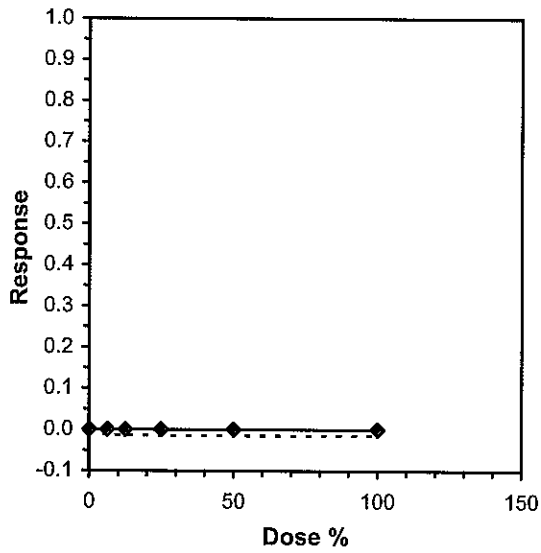
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	0.9850	1.0000	1.4543	1.3967	1.5208	3.692	4			0.9971	1.0000
6.25	1.0000	1.0152	1.5208	1.5208	1.5208	0.000	4	24.00	10.00	0.9971	1.0000
12.5	0.9975	1.0127	1.5082	1.4706	1.5208	1.662	4	23.00	10.00	0.9971	1.0000
25	1.0000	1.0152	1.5208	1.5208	1.5208	0.000	4	24.00	10.00	0.9971	1.0000
50	1.0000	1.0152	1.5208	1.5208	1.5208	0.000	4	24.00	10.00	0.9971	1.0000
100	1.0000	1.0152	1.5208	1.5208	1.5208	0.000	4	24.00	10.00	0.9971	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.72021	0.884	0.21608	5.4776
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	100	>100		1
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			

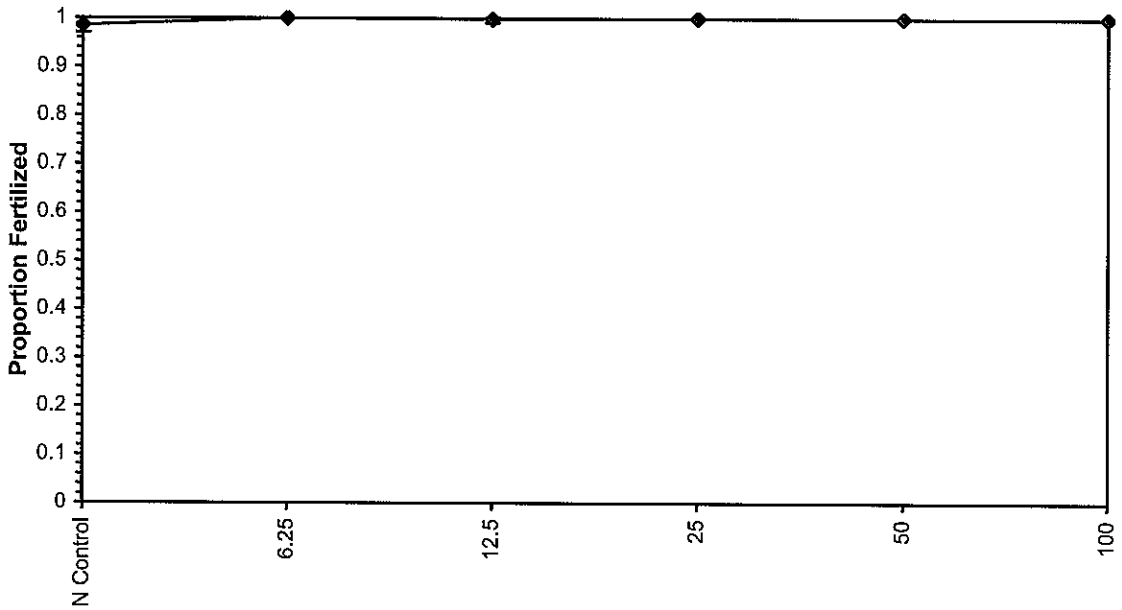


Reviewed by:

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005202	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-CC				

Dose-Response Plot



Reviewed by:

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005202	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-CC				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.20	14.20	14.20	0.00	0.00	2
6.5		14.20	14.20	14.20	0.00	0.00	1
6.25		14.20	14.20	14.20	0.00	0.00	1
12.5		14.20	14.20	14.20	0.00	0.00	2
25		14.20	14.20	14.20	0.00	0.00	2
50		14.20	14.20	14.20	0.00	0.00	2
100		14.20	14.20	14.20	0.00	0.00	2
N Control	pH	8.20	8.20	8.20	0.00	0.00	2
6.5		8.20	8.20	8.20	0.00	0.00	1
6.25		8.20	8.20	8.20	0.00	0.00	1
12.5		8.20	8.20	8.20	0.00	0.00	2
25		8.20	8.20	8.20	0.00	0.00	2
50		7.90	7.90	7.90	0.00	0.00	2
100		7.80	7.80	7.80	0.00	0.00	2
N Control	DO mg/L	9.30	9.30	9.30	0.00	0.00	2
6.5		8.80	8.80	8.80	0.00	0.00	1
6.25		8.80	8.80	8.80	0.00	0.00	1
12.5		8.80	8.80	8.80	0.00	0.00	2
25		8.80	8.80	8.80	0.00	0.00	2
50		8.50	8.50	8.50	0.00	0.00	2
100		7.80	7.80	7.80	0.00	0.00	2
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	2
6.5		34.00	34.00	34.00	0.00	0.00	1
6.25		34.00	34.00	34.00	0.00	0.00	1
12.5		34.00	34.00	34.00	0.00	0.00	2
25		34.00	34.00	34.00	0.00	0.00	2
50		34.00	34.00	34.00	0.00	0.00	2
100		34.00	34.00	34.00	0.00	0.00	2

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Ms. Darla Wise
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800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1005.203

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	41.95 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005203	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-SCR				

Conc-%	1	2	3	4
N Control	0.9800	1.0000	0.9900	0.9700
6.25	0.8400	0.9800	1.0000	0.8100
12.5	1.0000	0.7300	1.0000	1.0000
25	1.0000	0.9600	0.9800	1.0000
50	1.0000	0.2900	0.3200	0.9600
100	0.8200	0.1700	0.1900	0.9800

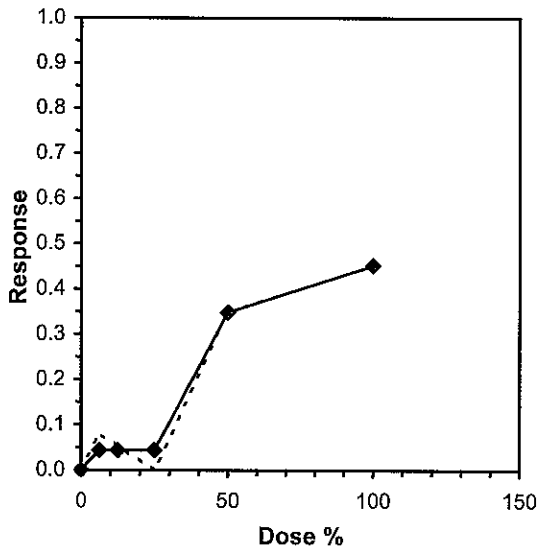
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	0.9850	1.0000	1.4543	1.3967	1.5208	3.692	4			0.9850	1.0000
6.25	0.9075	0.9213	1.3072	1.1198	1.5208	15.136	4	15.00	10.00	0.9417	0.9560
12.5	0.9325	0.9467	1.3967	1.0244	1.5208	17.770	4	20.50	10.00	0.9417	0.9560
25	0.9850	1.0000	1.4600	1.3694	1.5208	5.088	4	18.50	10.00	0.9417	0.9560
50	0.6425	0.6523	1.0150	0.5687	1.5208	49.319	4	13.50	10.00	0.6425	0.6523
100	0.5400	0.5482	0.8594	0.4250	1.4289	58.354	4	11.50	10.00	0.5400	0.5482

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.95093	0.884	0.05219	-0.3397
Bartlett's Test indicates unequal variances (p = 6.05E-03)	16.2968	15.0863		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test Treatments vs N Control	100	>100		1

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)		Skew
IC05	25.494	14.463	0.000	70.745	0.4824
IC10	29.610				
IC15	33.726				
IC20	37.841				
IC25	41.957				
IC40	75.122				
IC50	>100				

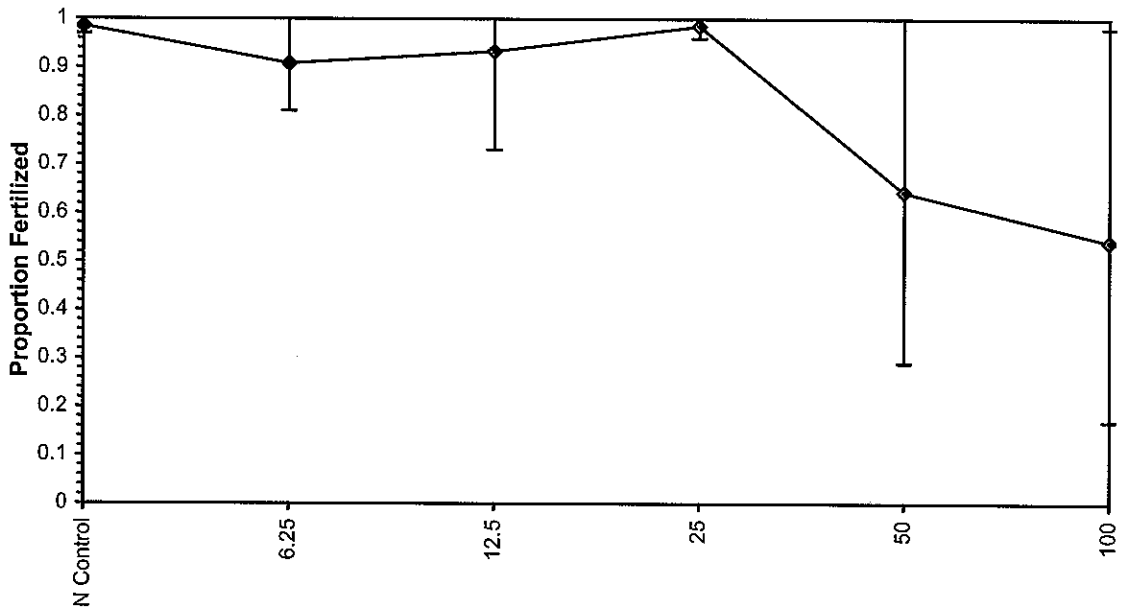


Reviewed by:

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005203	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-SCR				

Dose-Response Plot



Reviewed by:

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005203	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-SCR				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.20	14.20	14.20	0.00	0.00	2
6.5		14.20	14.20	14.20	0.00	0.00	1
6.25		14.20	14.20	14.20	0.00	0.00	1
12.5		14.20	14.20	14.20	0.00	0.00	2
25		14.20	14.20	14.20	0.00	0.00	2
50		14.20	14.20	14.20	0.00	0.00	2
100		14.20	14.20	14.20	0.00	0.00	2
N Control	pH	8.20	8.20	8.20	0.00	0.00	2
6.5		8.20	8.20	8.20	0.00	0.00	1
6.25		8.20	8.20	8.20	0.00	0.00	1
12.5		8.20	8.20	8.20	0.00	0.00	2
25		8.20	8.20	8.20	0.00	0.00	2
50		7.80	7.80	7.80	0.00	0.00	2
100		7.80	7.80	7.80	0.00	0.00	2
N Control	DO mg/L	9.30	9.30	9.30	0.00	0.00	2
6.5		8.50	8.50	8.50	0.00	0.00	1
6.25		8.50	8.50	8.50	0.00	0.00	1
12.5		8.50	8.50	8.50	0.00	0.00	2
25		8.50	8.50	8.50	0.00	0.00	2
50		8.20	8.20	8.20	0.00	0.00	2
100		7.60	7.60	7.60	0.00	0.00	2
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	2
6.5		34.00	34.00	34.00	0.00	0.00	1
6.25		34.00	34.00	34.00	0.00	0.00	1
12.5		34.00	34.00	34.00	0.00	0.00	2
25		34.00	34.00	34.00	0.00	0.00	2
50		34.00	34.00	34.00	0.00	0.00	2
100		34.00	34.00	34.00	0.00	0.00	2

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Dear Ms. Wise:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1005.204

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005204	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-VR2				

Conc-%	1	2	3	4
N Control	0.1000	0.1000	0.1000	0.1000
6.25	0.9200	0.9900	0.9800	0.8600
12.5	1.0000	0.9200	0.9800	1.0000
25	1.0000	1.0000	1.0000	1.0000
50	1.0000	0.9300	0.9600	0.9500
100	0.9400	1.0000	0.9200	0.9800

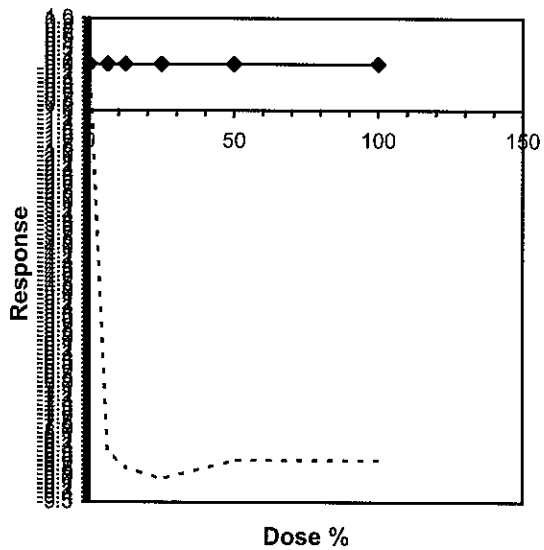
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	0.1000	1.0000	0.3218	0.3218	0.3218	0.000	4			0.8221	1.0000
6.25	0.9375	9.3750	1.3427	1.1873	1.4706	9.747	4	26.00	10.00	0.8221	1.0000
12.5	0.9750	9.7500	1.4386	1.2840	1.5208	7.770	4	26.00	10.00	0.8221	1.0000
25	1.0000	10.0000	1.5208	1.5208	1.5208	0.000	4	26.00	10.00	0.8221	1.0000
50	0.9600	9.6000	1.3846	1.3030	1.5208	6.848	4	26.00	10.00	0.8221	1.0000
100	0.9600	9.6000	1.3893	1.2840	1.5208	7.695	4	26.00	10.00	0.8221	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.9382	0.884	-0.0907	-0.2364
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test Treatments vs N Control	100	>100		1

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			

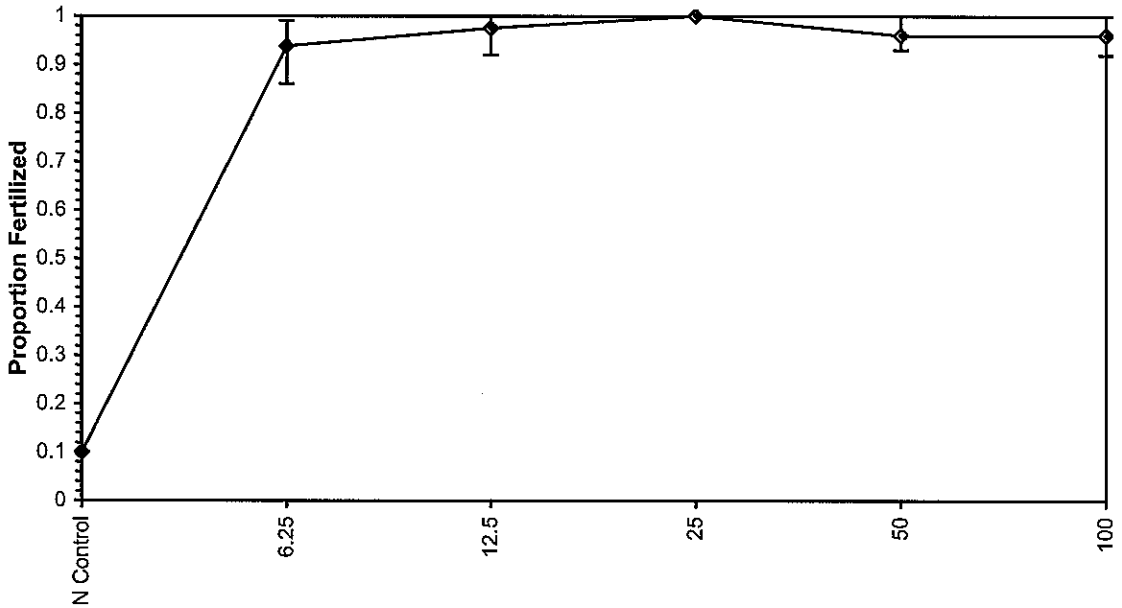


Reviewed by:

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005204	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-VR2				

Dose-Response Plot



Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	VCF1005204	Sample ID:	CA000000
End Date:	10/18/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	ME-VR2				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.20	14.20	14.20	0.00	0.00	2
6.5		14.20	14.20	14.20	0.00	0.00	1
6.25		14.20	14.20	14.20	0.00	0.00	1
12.5		14.20	14.20	14.20	0.00	0.00	2
25		14.20	14.20	14.20	0.00	0.00	2
50		14.20	14.20	14.20	0.00	0.00	2
100		14.20	14.20	14.20	0.00	0.00	2
N Control	pH	8.20	8.20	8.20	0.00	0.00	2
6.5		8.20	8.20	8.20	0.00	0.00	1
6.25		8.20	8.20	8.20	0.00	0.00	1
12.5		8.20	8.20	8.20	0.00	0.00	2
25		8.20	8.20	8.20	0.00	0.00	2
50		8.00	8.00	8.00	0.00	0.00	2
100		8.00	8.00	8.00	0.00	0.00	2
N Control	DO mg/L	9.30	9.30	9.30	0.00	0.00	2
6.5		8.40	8.40	8.40	0.00	0.00	1
6.25		8.40	8.40	8.40	0.00	0.00	1
12.5		8.20	8.20	8.20	0.00	0.00	2
25		7.70	7.70	7.70	0.00	0.00	2
50		7.60	7.60	7.60	0.00	0.00	2
100		7.50	7.50	7.50	0.00	0.00	2
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	2
6.5		34.00	34.00	34.00	0.00	0.00	1
6.25		34.00	34.00	34.00	0.00	0.00	1
12.5		34.00	34.00	34.00	0.00	0.00	2
25		34.00	34.00	34.00	0.00	0.00	2
50		34.00	34.00	34.00	0.00	0.00	2
100		34.00	34.00	34.00	0.00	0.00	2

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Ms. Darla Wise
Ventura County Watershed Protection District
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Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012.* Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	A-1 Wood
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1105.205

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival	=	90 % Survival in 100% Sample
TU (a)	=	0.59
LC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005205	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	A-1 Wood				

Conc-%	1	2	3	4
N Control	1.0000	1.0000	1.0000	1.0000
6.25	1.0000	1.0000	0.8000	1.0000
12.5	0.6000	1.0000	1.0000	1.0000
25	1.0000	0.8000	1.0000	1.0000
50	0.8000	0.8000	1.0000	1.0000
100	1.0000	1.0000	0.8000	0.8000

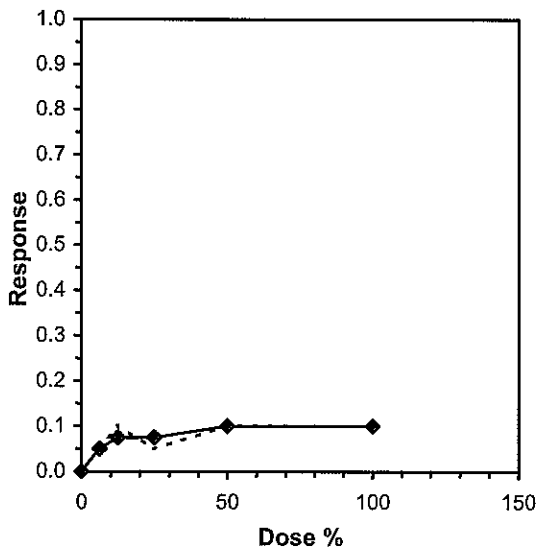
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4			1.0000	1.0000
6.25	0.9500	0.9500	1.2857	1.1071	1.3453	9.261	4	16.00	10.00	0.9500	0.9500
12.5	0.9000	0.9000	1.2305	0.8861	1.3453	18.660	4	16.00	10.00	0.9250	0.9250
25	0.9500	0.9500	1.2857	1.1071	1.3453	9.261	4	16.00	10.00	0.9250	0.9250
50	0.9000	0.9000	1.2262	1.1071	1.3453	11.212	4	14.00	10.00	0.9000	0.9000
100	0.9000	0.9000	1.2262	1.1071	1.3453	11.212	4	14.00	10.00	0.9000	0.9000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.84791	0.884	-1.1408	0.86484
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	100	>100		1
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)	Skew
IC05	6.2500			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			

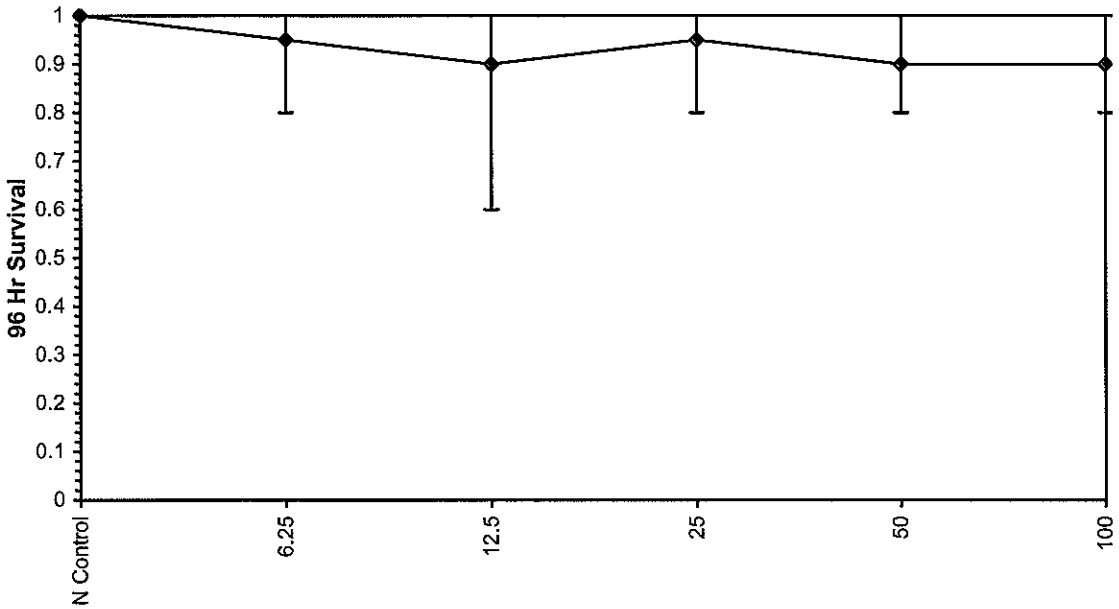


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005205	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	A-1 Wood				

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005205	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	A-1 Wood				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.00	24.00	24.00	0.00	0.00	3
6.25		24.00	24.00	24.00	0.00	0.00	3
12.5		24.00	24.00	24.00	0.00	0.00	3
25		24.00	24.00	24.00	0.00	0.00	3
50		24.00	24.00	24.00	0.00	0.00	3
100		24.00	24.00	24.00	0.00	0.00	3
N Control	pH	8.20	8.00	8.30	0.17	5.08	3
6.25		8.17	8.00	8.30	0.15	4.79	3
12.5		8.20	8.00	8.40	0.20	5.45	3
25		8.17	8.00	8.30	0.15	4.79	3
50		8.07	8.00	8.10	0.06	2.98	3
100		7.97	7.90	8.00	0.06	3.02	3
N Control	DO mg/L	7.93	7.20	8.70	0.75	10.92	3
6.25		7.47	7.10	7.70	0.32	7.59	3
12.5		7.57	7.20	7.80	0.32	7.49	3
25		7.60	7.30	7.80	0.26	6.77	3
50		7.53	7.20	7.80	0.31	7.34	3
100		7.67	7.40	8.20	0.46	8.86	3
N Control	Hardness mg/L	96.33	95.00	99.00	2.31	1.58	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Alkalinitymg/L	67.00	66.00	69.00	1.73	1.96	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		72.00	72.00	72.00	0.00	0.00	3
N Control	Conductivity	339.00	316.00	355.00	20.42	1.33	3
6.25		377.00	362.00	389.00	13.75	0.98	3
12.5		353.33	322.00	406.00	45.88	1.92	3
25		391.67	333.00	493.00	88.12	2.40	3
50		683.67	675.00	694.00	9.61	0.45	3
100		1042.67	1029.00	1054.00	12.66	0.34	3

AQUATIC
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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 25, 2005

Ms. Darla Wise
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012.* Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	I-2 Ortega
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1105.206

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival	=	100 % Survival in 100% Sample
TU (a)	=	0.00
LC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005206	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	I-2 Ortega				

Conc-%	1	2	3	4
N Control	1.0000	1.0000	1.0000	1.0000
6.25	1.0000	1.0000	1.0000	1.0000
12.5	0.6000	0.6000	0.8000	0.8000
25	1.0000	1.0000	1.0000	0.8000
50	1.0000	0.8000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000

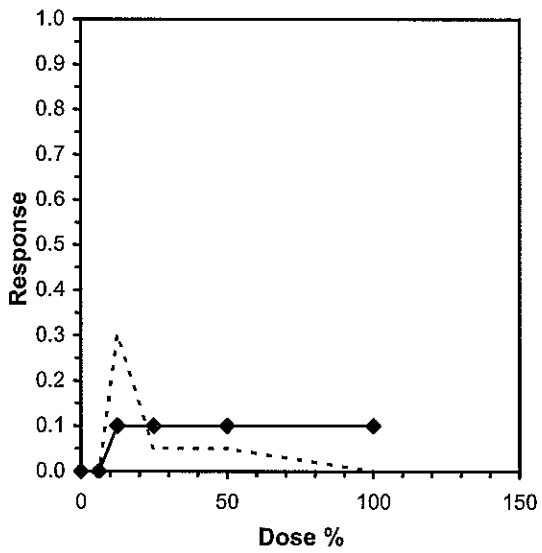
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4			1.0000	1.0000
6.25	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4	18.00	10.00	1.0000	1.0000
*12.5	0.7000	0.7000	0.9966	0.8861	1.1071	12.807	4	10.00	10.00	0.9000	0.9000
25	0.9500	0.9500	1.2857	1.1071	1.3453	9.261	4	16.00	10.00	0.9000	0.9000
50	0.9500	0.9500	1.2857	1.1071	1.3453	9.261	4	16.00	10.00	0.9000	0.9000
100	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4	18.00	10.00	0.9000	0.9000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.82548	0.884	-1.081	1.07331
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test Treatments vs N Control	100	>100		1

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)		Skew
IC05	9.375	0.672	8.011	12.375	0.5970
IC10	12.500				
IC15	>100				
IC20	>100				
IC25	>100				
IC40	>100				
IC50	>100				

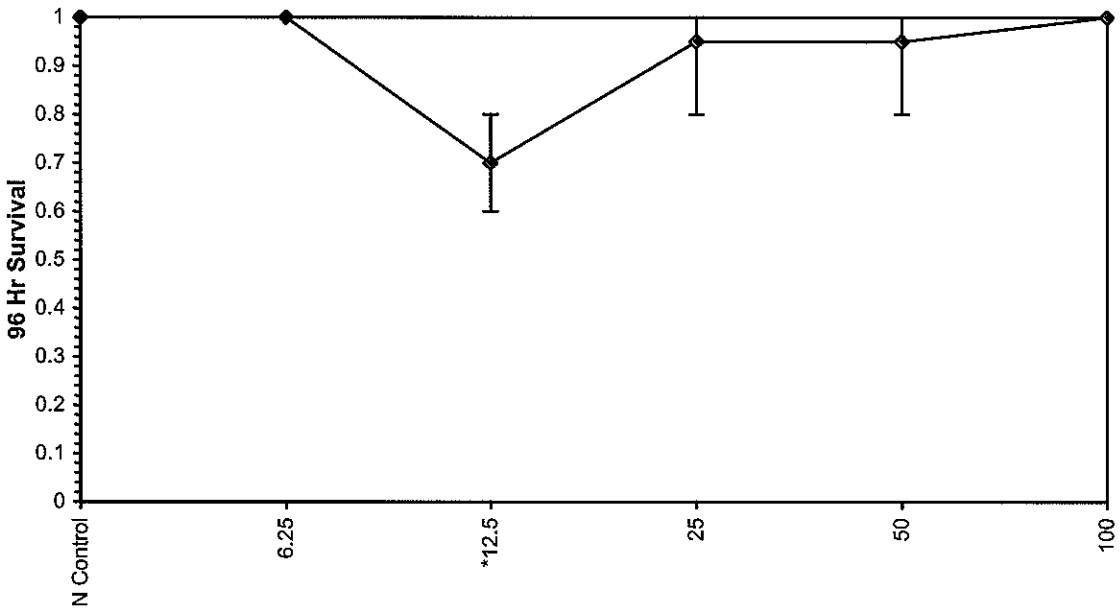


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005206	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	I-2 Ortega				

Dose-Response Plot



ToxCalc v5.0.23

Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005206	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	I-2 Ortega				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.00	24.00	24.00	0.00	0.00	3
6.25		24.00	24.00	24.00	0.00	0.00	3
12.5		24.00	24.00	24.00	0.00	0.00	3
25		24.00	24.00	24.00	0.00	0.00	3
50		24.00	24.00	24.00	0.00	0.00	3
100		24.00	24.00	24.00	0.00	0.00	3
N Control	pH	8.33	8.00	8.70	0.35	7.11	3
6.25		8.13	8.00	8.20	0.12	4.18	3
12.5		8.10	8.00	8.20	0.10	3.90	3
25		8.07	7.90	8.20	0.15	4.85	3
50		8.00	7.80	8.10	0.17	5.20	3
100		7.83	7.50	8.00	0.29	6.86	3
N Control	DO mg/L	7.93	7.20	8.70	0.75	10.92	3
6.25		7.57	7.40	7.70	0.15	5.17	3
12.5		7.53	7.20	7.80	0.31	7.34	3
25		7.53	7.30	7.80	0.25	6.66	3
50		7.37	7.30	7.40	0.06	3.26	3
100		6.77	6.40	7.10	0.35	8.76	3
N Control	Hardness mg/L	96.33	95.00	99.00	2.31	1.58	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		45.00	45.00	45.00	0.00	0.00	3
N Control	Alkalinitymg/L	67.00	66.00	69.00	1.73	1.96	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		20.00	20.00	20.00	0.00	0.00	3
N Control	Conductivity	339.00	316.00	355.00	20.42	1.33	3
6.25		318.00	306.00	326.00	10.58	1.02	3
12.5		300.33	290.00	309.00	9.61	1.03	3
25		275.67	271.00	279.00	4.16	0.74	3
50		228.00	181.00	256.00	40.95	2.81	3
100		173.00	157.00	201.00	24.33	2.85	3

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 25, 2005

Ms. Darla Wise
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012.* Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	R-1 Swan
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1105.207

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival	=	85 % Survival in 100% Sample
TU (a)	=	0.69
LC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005207	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	R-1 Swan				

Conc-%	1	2	3	4
N Control	0.8000	0.8000	1.0000	1.0000
6.25	0.8000	1.0000	0.6000	0.6000
12.5	0.6000	0.8000	1.0000	0.4000
25	0.6000	0.4000	0.8000	1.0000
50	0.6000	0.6000	0.8000	0.4000
100	1.0000	0.4000	1.0000	1.0000

			Transform: Arcsin Square Root					1-Tailed			Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	0.9000	1.0000	1.2262	1.1071	1.3453	11.212	4				0.9000	1.0000
6.25	0.7500	0.8333	1.0561	0.8861	1.3453	20.748	4	0.972	2.410	0.4219	0.7500	0.8333
12.5	0.7000	0.7778	1.0058	0.6847	1.3453	28.293	4	1.259	2.410	0.4219	0.7125	0.7917
25	0.7000	0.7778	1.0058	0.6847	1.3453	28.293	4	1.259	2.410	0.4219	0.7125	0.7917
50	0.6000	0.6667	0.8910	0.6847	1.1071	19.366	4	1.915	2.410	0.4219	0.7125	0.7917
100	0.8500	0.9444	1.1801	0.6847	1.3453	27.987	4	0.263	2.410	0.4219	0.7125	0.7917

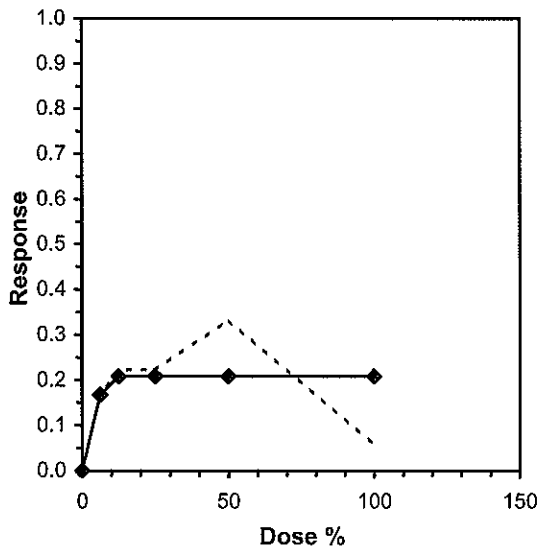
Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.9632	0.884	-0.3685	-0.3825
Bartlett's Test indicates equal variances (p = 0.75)	2.67882	15.0863		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test Treatments vs N Control	100	>100		1	0.36697	0.41423	0.0612	0.06129	0.44645	5, 18

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)	Skew
IC05*	1.875			
IC10*	3.750			
IC15*	5.625			
IC20	11.250			
IC25	>100			
IC40	>100			
IC50	>100			

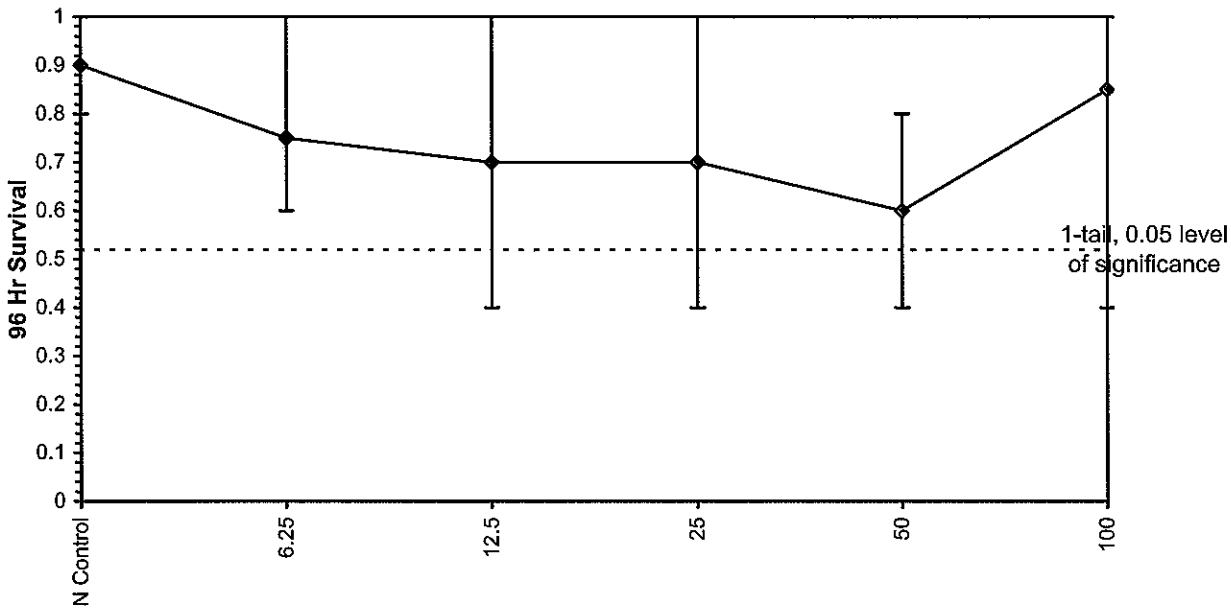
* indicates IC estimate less than the lowest concentration



Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005207	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	R-1 Swan				

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005207	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	R-1 Swan				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.00	24.00	24.00	0.00	0.00	3
6.25		24.00	24.00	24.00	0.00	0.00	3
12.5		24.00	24.00	24.00	0.00	0.00	3
25		24.00	24.00	24.00	0.00	0.00	3
50		24.00	24.00	24.00	0.00	0.00	3
100		24.00	24.00	24.00	0.00	0.00	3
N Control	pH	8.07	7.90	8.30	0.21	5.66	3
6.25		7.90	7.80	8.00	0.10	4.00	3
12.5		7.90	7.80	8.00	0.10	4.00	3
25		7.90	7.80	8.00	0.10	4.00	3
50		7.87	7.70	8.00	0.15	4.97	3
100		7.70	7.40	7.90	0.26	6.68	3
N Control	DO mg/L	7.93	7.20	8.70	0.75	10.92	3
6.25		7.40	7.20	7.60	0.20	6.04	3
12.5		7.40	7.00	7.70	0.36	8.11	3
25		7.43	7.20	7.70	0.25	6.75	3
50		7.33	7.20	7.40	0.12	4.63	3
100		6.73	6.20	7.50	0.68	12.25	3
N Control	Hardness mg/L	96.33	95.00	99.00	2.31	1.58	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		41.00	41.00	41.00	0.00	0.00	3
N Control	Alkalinitymg/L	67.00	66.00	69.00	1.73	1.96	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		20.00	20.00	20.00	0.00	0.00	3
N Control	Conductivity	339.00	316.00	355.00	20.42	1.33	3
6.25		295.33	293.00	298.00	2.52	0.54	3
12.5		290.33	288.00	294.00	3.21	0.62	3
25		271.67	266.00	279.00	6.66	0.95	3
50		224.67	223.00	226.00	1.53	0.55	3
100		131.00	127.00	136.00	4.58	1.63	3

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CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	W-3 La Vista
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1105.208

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival	=	10 % Survival in 100% Sample
TU (a)	=	2.00
LC50	=	55.56 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005208	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	W-3 La Vista				

Conc-%	1	2	3	4
N Control	1.0000	1.0000	1.0000	1.0000
6.25	0.8000	0.4000	0.6000	0.4000
12.5	1.0000	0.8000	0.8000	0.6000
25	0.8000	0.8000	1.0000	0.6000
50	0.6000	0.6000	1.0000	0.0000
100	0.0000	0.0000	0.0000	0.4000

			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4			1.0000	1.0000
*6.25	0.5500	0.5500	0.8407	0.6847	1.1071	23.960	4	10.00	10.00	0.7167	0.7167
12.5	0.8000	0.8000	1.1114	0.8861	1.3453	16.874	4	12.00	10.00	0.7167	0.7167
25	0.8000	0.8000	1.1114	0.8861	1.3453	16.874	4	12.00	10.00	0.7167	0.7167
50	0.5500	0.5500	0.8357	0.2255	1.3453	55.140	4	12.00	10.00	0.5500	0.5500
*100	0.1000	0.1000	0.3403	0.2255	0.6847	67.468	4	10.00	10.00	0.1000	0.1000

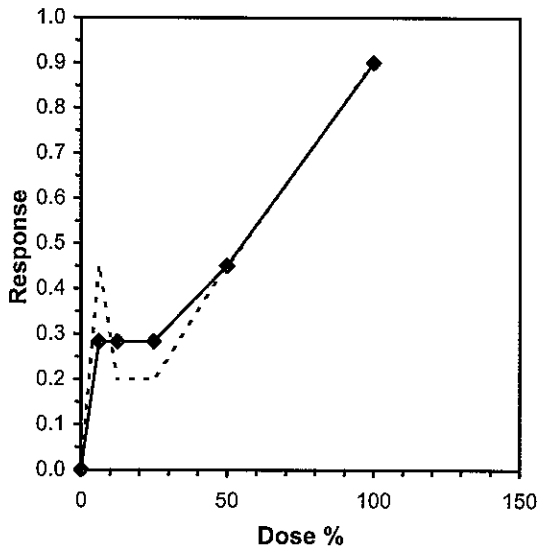
Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.92513	0.884	-0.1932	2.15363
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	50	100	70.7107	2
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)		Skew
IC05*	1.103	0.191	0.717	1.842	1.1672
IC10*	2.206	0.382	1.434	3.685	1.1672
IC15*	3.309	0.573	2.151	5.527	1.1672
IC20*	4.412	5.826	2.869	37.430	5.8981
IC25*	5.515	13.133	3.586	78.008	1.7553
IC40	42.500	11.134	21.773	74.965	-0.1161
IC50	55.556	11.028	25.228	82.016	-0.3785

* indicates IC estimate less than the lowest concentration

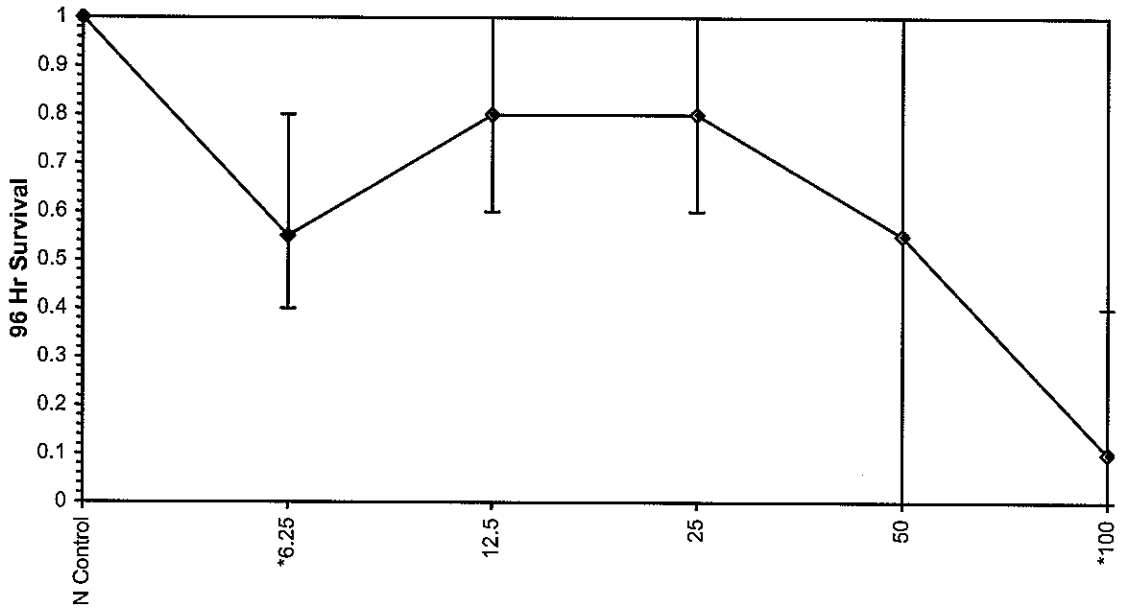


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005208	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	W-3 La Vista				

Dose-Response Plot



ToxCalc v5.0.23

Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005208	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	W-3 La Vista				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.00	24.00	24.00	0.00	0.00	3
6.25		24.00	24.00	24.00	0.00	0.00	3
12.5		24.00	24.00	24.00	0.00	0.00	3
25		24.00	24.00	24.00	0.00	0.00	3
50		24.00	24.00	24.00	0.00	0.00	3
100		24.00	24.00	24.00	0.00	0.00	3
N Control	pH	8.20	8.00	8.30	0.17	5.08	3
6.25		7.83	7.70	7.90	0.12	4.34	3
12.5		7.87	7.80	7.90	0.06	3.05	3
25		7.87	7.80	7.90	0.06	3.05	3
50		7.83	7.70	7.90	0.12	4.34	3
100		7.77	7.60	7.90	0.15	5.03	3
N Control	DO mg/L	7.93	7.20	8.70	0.75	10.92	3
6.25		7.50	7.40	7.60	0.10	4.22	3
12.5		7.57	7.40	7.70	0.15	5.17	3
25		7.57	7.40	7.70	0.15	5.17	3
50		7.43	7.30	7.50	0.12	4.57	3
100		7.23	7.00	7.40	0.21	6.31	3
N Control	Hardness mg/L	96.33	95.00	99.00	2.31	1.58	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		220.00	220.00	220.00	0.00	0.00	3
N Control	Alkalinitymg/L	67.00	66.00	69.00	1.73	1.96	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		47.00	47.00	47.00	0.00	0.00	3
N Control	Conductivity	339.00	316.00	355.00	20.42	1.33	3
6.25		324.67	322.00	327.00	2.52	0.49	3
12.5		344.33	330.00	354.00	12.66	1.03	3
25		381.33	368.00	389.00	11.59	0.89	3
50		457.33	447.00	465.00	9.29	0.67	3
100		509.67	324.00	609.00	160.92	2.49	3

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 25, 2005

Ms. Darla Wise
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We received a sample from your staff in our laboratory on October 18, 2005, identified as W-3 La Vista. We conducted an initial acute toxicity test on this sample with the the water flea, *Ceriodaphnia dubia,* as directed in your NPDES permit.

The initial results on this sample exceeded 1.00 TUc. This result exceeded the limit set forth in your permit and triggered a TIE study. The initial component of the TIE process is to conduct a "baseline" test to determine the final TIE test dilutions. The "baseline" test was conducted and toxicity was not observed in this sample. Therefore, there was no purpose to continue with further TIE manipulations.

In conclusion, the fact that toxicity was observed in the initial chronic tests and no toxicity was observed during the "baseline" tests indicate that the toxicant was most likely associated with volatile compound(s). The compound(s) apparently dissipated to non-toxic levels between the time of the initiation of the initial chronic toxicity tests and the initation of the "baseline" toxicity testing.

There will be no charges associated with the TIE investigation for this sample and no TIE report will be issued. The attached report are the results of the baseline test.

Please feel free to phone me at your convenience if you have any questions.

Sincerely,

Michael J. Machuzak
Assistant Laboratory Director

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 25, 2005

Ms. Darla Wise
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012.* Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	W-3 La Vista TIE Baseline
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1105.208

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival = 100 % Survival in 100% Sample
TU (a) = 0.00
LC50 = >100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/25/2005	Test ID:	VCF1005208	Sample ID:	CA0000000
End Date:	10/29/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	TIE Baseline for W-3 La Vista				

Conc-%	1	2	3	4
N Control	1.0000	1.0000	1.0000	1.0000
27.8	1.0000	1.0000	1.0000	1.0000
55.6	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000

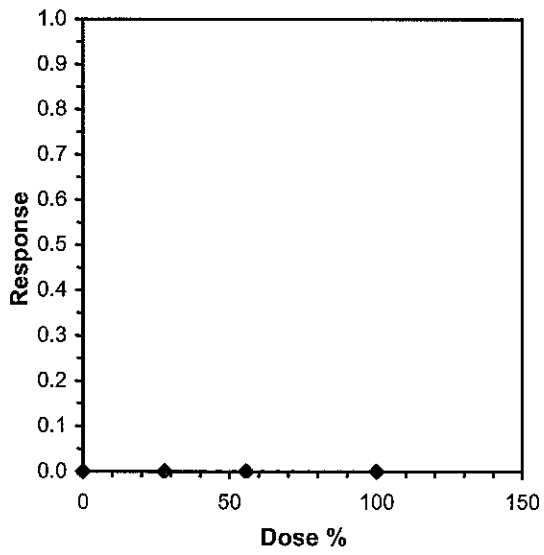
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4			1.0000	1.0000
27.8	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4	18.00	10.00	1.0000	1.0000
55.6	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4	18.00	10.00	1.0000	1.0000
100	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4	18.00	10.00	1.0000	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	1	0.844		
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	100	>100		1
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			

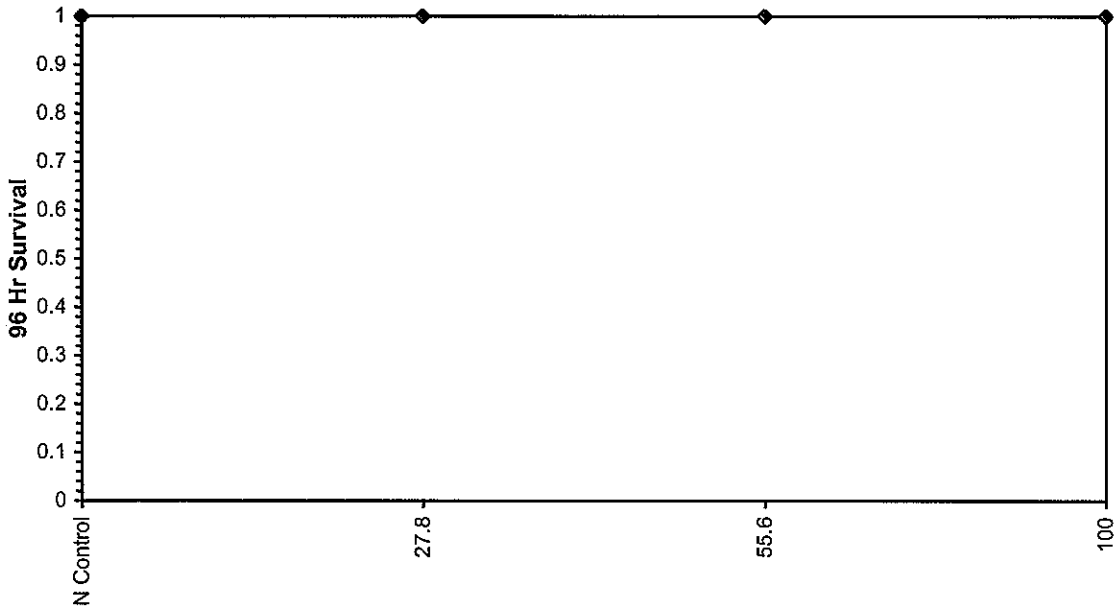


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/25/2005	Test ID:	VCF1005208	Sample ID:	CA0000000
End Date:	10/29/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	TIE Baseline for W-3 La Vista				

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/25/2005	Test ID:	VCF1005208	Sample ID:	CA0000000
End Date:	10/29/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	TIE Baseline for W-3 La Vista				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.00	24.00	24.00	0.00	0.00	3
27.8		24.00	24.00	24.00	0.00	0.00	3
55.6		24.00	24.00	24.00	0.00	0.00	3
100		24.00	24.00	24.00	0.00	0.00	3
N Control	pH	8.30	8.30	8.30	0.00	0.00	3
27.8		8.23	8.10	8.30	0.12	4.13	3
55.6		8.27	8.00	8.40	0.23	5.81	3
100		8.30	7.90	8.50	0.35	7.09	3
N Control	DO mg/L	7.30	6.80	7.90	0.56	10.22	3
27.8		7.20	6.50	7.60	0.61	10.83	3
55.6		7.10	6.50	7.40	0.52	10.15	3
100		7.00	6.50	7.30	0.44	9.43	3
N Control	Hardness mg/L	94.33	92.00	99.00	4.04	2.13	3
27.8		0.00	0.00	0.00	0.00		0
55.6		0.00	0.00	0.00	0.00		0
100		233.00	233.00	233.00	0.00	0.00	3
N Control	Alkalinitymg/L	66.33	65.00	69.00	2.31	2.29	3
27.8		0.00	0.00	0.00	0.00		0
55.6		0.00	0.00	0.00	0.00		0
100		69.00	69.00	69.00	0.00	0.00	3
N Control	Conductivity	330.00	320.00	345.00	13.23	1.10	3
27.8		330.33	305.00	345.00	22.03	1.42	3
55.6		529.67	519.00	545.00	13.61	0.70	3
100		640.33	637.00	645.00	4.16	0.32	3

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November 25, 2005

Ms. Darla Wise
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Ms. Wise:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012.* Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	W-4 Revolon
DATE RECEIVED:	18 Oct - 05
ABC LAB. NO.:	VCF1105.209

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival	=	80 % Survival in 100% Sample
TU (a)	=	0.77
LC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005209	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	W-4 Revolon				

Conc-%	1	2	3	4
N Control	1.0000	1.0000	1.0000	1.0000
6.25	1.0000	1.0000	1.0000	1.0000
12.5	0.6000	0.6000	0.8000	1.0000
25	0.8000	0.8000	0.6000	0.6000
50	1.0000	1.0000	1.0000	0.8000
100	1.0000	0.8000	0.8000	0.6000

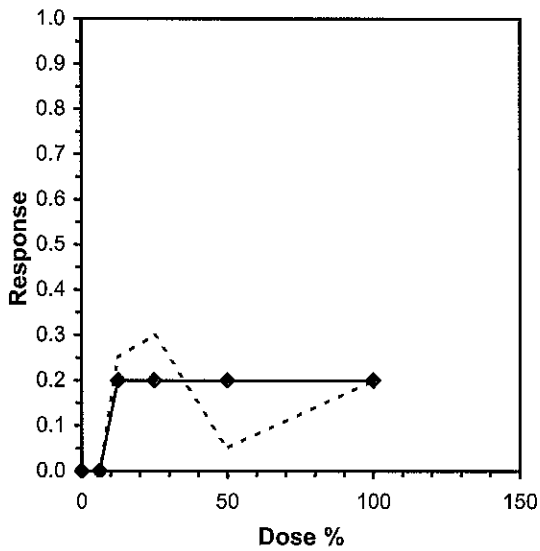
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-%	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4			1.0000	1.0000
6.25	1.0000	1.0000	1.3453	1.3453	1.3453	0.000	4	18.00	10.00	1.0000	1.0000
12.5	0.7500	0.7500	1.0561	0.8861	1.3453	20.748	4	12.00	10.00	0.8000	0.8000
*25	0.7000	0.7000	0.9966	0.8861	1.1071	12.807	4	10.00	10.00	0.8000	0.8000
50	0.9500	0.9500	1.2857	1.1071	1.3453	9.261	4	16.00	10.00	0.8000	0.8000
100	0.8000	0.8000	1.1114	0.8861	1.3453	16.874	4	12.00	10.00	0.8000	0.8000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.92203	0.884	0.28253	0.64795
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	100	>100		1
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	%	SD	95% CL(Exp)		Skew
IC05	7.813	0.619	7.217	10.313	4.2787
IC10	9.375	1.136	8.183	14.375	3.5540
IC15	10.938				
IC20	>100				
IC25	>100				
IC40	>100				
IC50	>100				

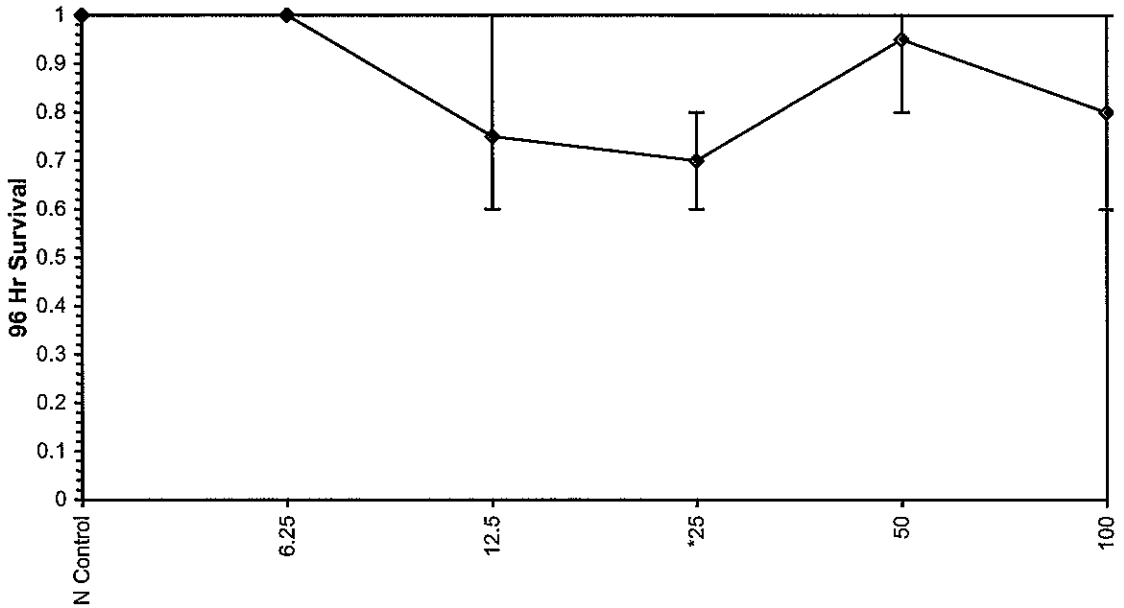


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005209	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	W-4 Revolon				

Dose-Response Plot



ToxCalc v5.0.23

Reviewed by:

Ceriodaphnia Survival and Reproduction Test-96 Hr Survival

Start Date:	10/18/2005	Test ID:	VCF1005209	Sample ID:	CA0000000
End Date:	10/22/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	10/18/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	W-4 Revolon				

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.00	24.00	24.00	0.00	0.00	3
6.25		24.00	24.00	24.00	0.00	0.00	3
12.5		24.00	24.00	24.00	0.00	0.00	3
25		24.00	24.00	24.00	0.00	0.00	3
50		24.00	24.00	24.00	0.00	0.00	3
100		24.00	24.00	24.00	0.00	0.00	3
N Control	pH	8.20	8.00	8.30	0.17	5.08	3
6.25		7.90	7.90	7.90	0.00	0.00	3
12.5		7.90	7.90	7.90	0.00	0.00	3
25		7.83	7.80	7.90	0.06	3.07	3
50		7.83	7.80	7.90	0.06	3.07	3
100		7.77	7.70	7.80	0.06	3.09	3
N Control	DO mg/L	7.93	7.20	8.70	0.75	10.92	3
6.25		7.50	7.10	7.80	0.36	8.01	3
12.5		7.53	7.20	7.80	0.31	7.34	3
25		7.53	7.30	7.80	0.25	6.66	3
50		7.33	7.30	7.40	0.06	3.28	3
100		6.83	6.60	7.20	0.32	8.30	3
N Control	Hardness mg/L	96.33	95.00	99.00	2.31	1.58	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		250.00	250.00	250.00	0.00	0.00	3
N Control	Alkalinitymg/L	67.00	66.00	69.00	1.73	1.96	3
6.25		0.00	0.00	0.00	0.00		0
12.5		0.00	0.00	0.00	0.00		0
25		0.00	0.00	0.00	0.00		0
50		0.00	0.00	0.00	0.00		0
100		170.00	170.00	170.00	0.00	0.00	3
N Control	Conductivity	339.00	316.00	355.00	20.42	1.33	3
6.25		431.00	418.00	441.00	11.79	0.80	3
12.5		569.00	547.00	598.00	26.21	0.90	3
25		752.00	737.00	763.00	13.45	0.49	3
50		1196.33	1184.00	1204.00	10.79	0.27	3
100		1956.33	1856.00	2012.00	87.07	0.48	3

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CHRONIC CERIODAPHNIA SURVIVAL AND REPRODUCTION BIOASSAY

DATE: 04 October - 05

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 10.00 ug/l

EC25 = 12.34 ug/l
EC50 = 15.31 ug/l

ENDPOINT: REPRODUCTION

NOEC = 10.00 ug/l

IC25 = 4.86 ug/l
IC50 = 15.21 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	10/4/2005	Test ID:	CER10405	Sample ID:	CA0000000
End Date:	10/11/2005	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	10/4/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

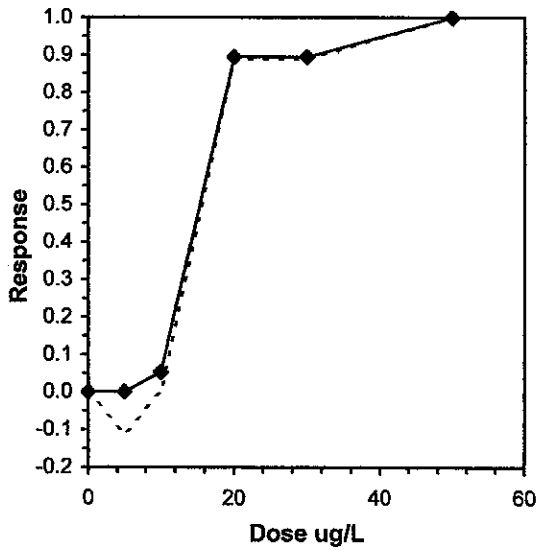
Conc-ug/L	1	2	3	4	5	6	7	8	9	10
N Control	1.0000	1.0000	1.0000	1.0000	1.0000	0.0000	1.0000	1.0000	1.0000	1.0000
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Conc-ug/L	Mean	N-Mean		Resp	Not Resp	Total	N	Fisher's Exact P	1-Tailed Critical	Isotonic Mean	Isotonic N-Mean
N Control	0.9000	1.0000	0.99484	1	9	10	10			0.9500	1.0000
5	1.0000	1.1111	1.0472	0	10	10	10	0.5000	0.0500	0.9500	1.0000
10	0.9000	1.0000	0.99484	1	9	10	10	0.7632	0.0500	0.9000	0.9474
*20	0.1000	0.1111	0.57596	9	1	10	10	0.0005	0.0500	0.1000	0.1053
*30	0.1000	0.1111	0.57596	9	1	10	10	0.0005	0.0500	0.1000	0.1053
*50	0.0000	0.0000	0.5236	10	0	10	10	0.0001	0.0500	0.0000	0.0000

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Fisher's Exact Test	10	20	14.1421	
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL		Skew
IC05	9.750	1.788	5.950	10.675	-0.3532
IC10	10.563	1.366	6.900	11.351	-1.1256
IC15	11.156	1.132	7.850	12.026	-1.3526
IC20	11.750	1.008	8.800	12.702	-1.3890
IC25	12.344	0.956	9.750	13.377	-1.3236
IC40	14.125	0.891	12.163	15.716	-1.0225
IC50	15.313	0.894	13.743	17.146	-0.5542

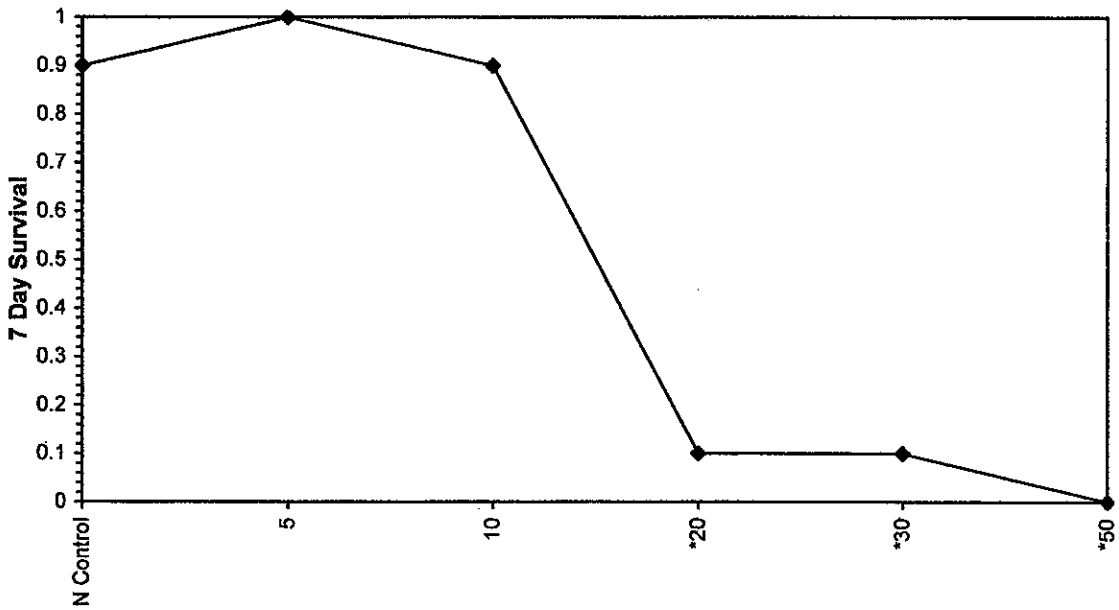


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	10/4/2005	Test ID:	CER10405	Sample ID:	CA0000000
End Date:	10/11/2005	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	10/4/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Dose-Response Plot



ToxCalc v5.0.23

Reviewed by:

Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	10/4/2005	Test ID:	CER10405	Sample ID:	CA0000000
End Date:	10/11/2005	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	10/4/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Conc-ug/L	1	2	3	4	5	6	7	8	9	10
N Control	37.000	31.000	35.000	31.000	24.000	18.000	29.000	19.000	29.000	25.000
5	21.000	20.000	21.000	26.000	25.000	22.000	20.000	10.000	8.000	18.000
10	23.000	22.000	13.000	26.000	20.000	25.000	30.000	18.000	21.000	24.000
20	10.000	4.000	12.000	7.000	7.000	6.000	6.000	10.000	7.000	8.000
30	0.000	0.000	0.000	18.000	7.000	8.000	6.000	0.000	0.000	0.000
50	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

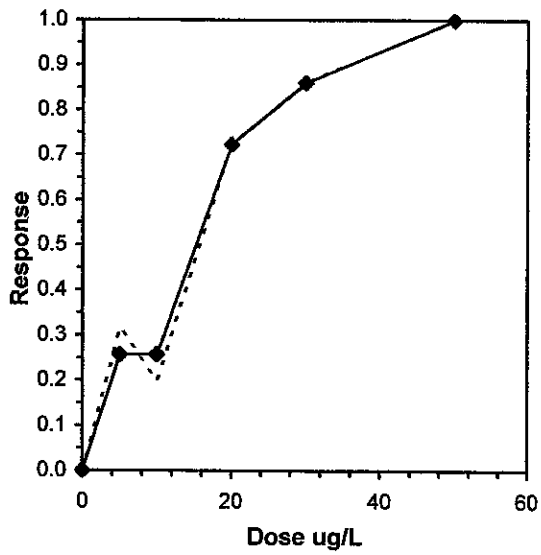
			Transform: Untransformed					Rank	1-Tailed	Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	27.800	1.0000	27.800	18.000	37.000	22.611	10			27.800	1.0000
*5	19.100	0.6871	19.100	8.000	26.000	30.573	10	73.00	75.00	20.650	0.7428
10	22.200	0.7986	22.200	13.000	30.000	21.000	10	79.50	75.00	20.650	0.7428
*20	7.700	0.2770	7.700	4.000	12.000	30.641	10	55.00	75.00	7.700	0.2770
*30	3.900	0.1403	3.900	0.000	18.000	153.108	10	55.50	75.00	3.900	0.1403
*50	0.000	0.0000	0.000	0.000	0.000	0.000	10	55.00	75.00	0.000	0.0000

Auxiliary Tests					Statistic	Critical	Skew	Kurt
Kolmogorov D Test indicates normal distribution (p > 0.01)					0.82946	1.035	0.04842	1.3623
Equality of variance cannot be confirmed								
Hypothesis Test (1-tail, 0.05)	**NOEC**	**LOEC**	**ChV**	**TU**				
Steel's Many-One Rank Test	10	20	14.1421					
Treatments vs N Control								

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL		Skew
IC05*	0.972	0.723	0.677	2.058	10.1889
IC10*	1.944	0.906	1.353	4.117	5.3669
IC15*	2.916	1.820	2.030	10.355	3.2080
IC20*	3.888	2.624	2.706	11.216	1.7763
IC25*	4.860	3.329	3.383	12.143	0.4797
IC40	13.066	1.219	10.714	14.929	-1.3378
IC50	15.212	0.916	13.348	16.787	0.0059

* indicates IC estimate less than the lowest concentration

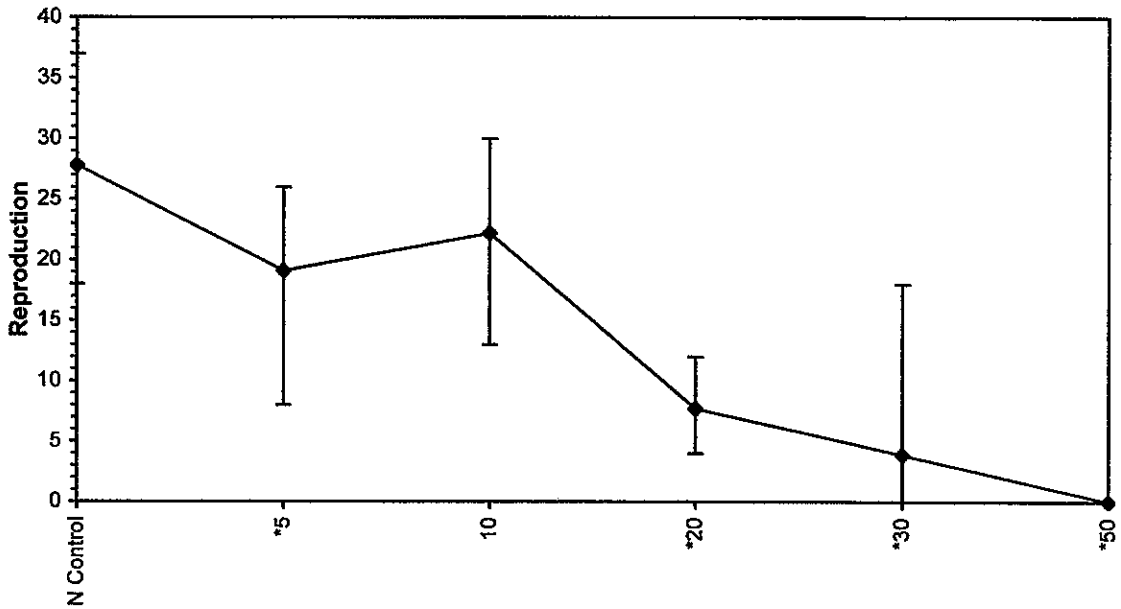


Reviewed by:

Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	10/4/2005	Test ID:	CER10405	Sample ID:	CA0000000
End Date:	10/11/2005	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	10/4/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Dose-Response Plot



Reviewed by:

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	10/4/2005	Test ID:	CER10405	Sample ID:	CA0000000
End Date:	10/11/2005	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	10/4/2005	Protocol:	EPAA 85-EPA Acute	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.99	24.00	25.70	0.54	2.94	8
5		25.05	24.20	26.00	0.55	2.95	8
10		25.03	24.00	26.00	0.59	3.08	8
20		25.04	24.00	26.00	0.59	3.07	8
30		25.05	24.00	26.00	0.60	3.08	8
50		24.90	24.00	26.00	0.86	3.72	4
N Control	pH	8.09	7.90	8.30	0.12	4.37	8
5		7.98	7.90	8.00	0.05	2.70	8
10		7.95	7.90	8.00	0.05	2.91	8
20		7.90	7.80	8.00	0.05	2.93	8
30		7.90	7.80	8.00	0.05	2.93	8
50		7.88	7.80	8.00	0.10	3.93	4
N Control	DO mg/L	7.70	6.90	8.20	0.39	8.06	8
5		7.30	6.60	7.90	0.49	9.59	8
10		7.26	6.50	7.90	0.54	10.16	8
20		7.30	6.70	7.90	0.52	9.84	8
30		7.30	6.80	7.90	0.51	9.81	8
50		7.55	6.80	7.90	0.51	9.43	4
N Control	Hardness mg/L	96.13	90.00	100.00	4.09	2.10	8
5		0.00	0.00	0.00	0.00		0
10		0.00	0.00	0.00	0.00		0
20		0.00	0.00	0.00	0.00		0
30		0.00	0.00	0.00	0.00		0
50		99.00	99.00	99.00	0.00	0.00	4
N Control	Cond umhos	333.38	326.00	340.00	6.07	0.74	8
5		325.00	309.00	338.00	10.23	0.98	8
10		308.88	301.00	317.00	5.99	0.79	8
20		307.13	299.00	316.00	5.67	0.78	8
30		307.25	295.00	315.00	7.44	0.89	8
50		305.00	301.00	307.00	2.71	0.54	4
N Control	Alkalinity mg/L	63.38	60.00	65.00	2.33	2.41	8
5		0.00	0.00	0.00	0.00		0
10		0.00	0.00	0.00	0.00		0
20		0.00	0.00	0.00	0.00		0
30		0.00	0.00	0.00	0.00		0
50		66.00	66.00	66.00	0.00	0.00	4

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

DATE: 18 Otcober - 05

STANDARD TOXICANT: Copper Chloride

NOEC = 56.00 ug/l

IC25 = 56.99 ug/l
IC50 = 72.21 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	URCfert266	Sample ID:	REF-Ref Toxicant
End Date:	10/18/2005	Lab ID:	ABC LABORA	Sample Type:	CUCL-Copper chloride
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	Standard Toxicant				

Conc-ug/L	1	2	3	4
Control	0.9500	0.9500	0.9500	0.9800
18	1.0000	1.0000	1.0000	1.0000
32	0.9800	0.9700	1.0000	0.9600
56	1.0000	0.7900	0.6200	0.5900
100	0.0800	0.0000	0.0400	0.0500
180	0.0000	0.0000	0.0000	0.0000

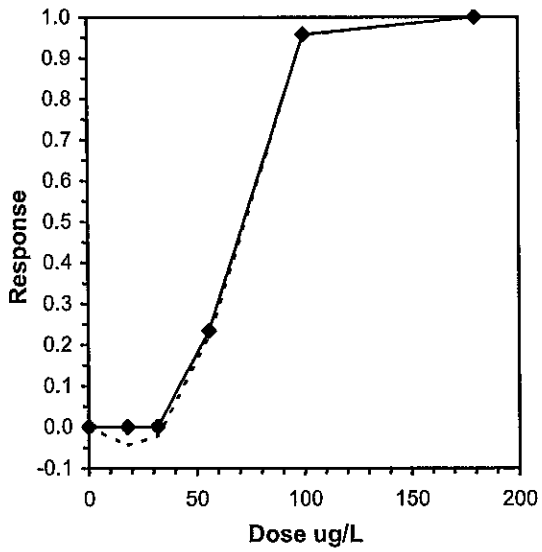
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
Control	0.9575	1.0000	1.3662	1.3453	1.4289	3.060	4			0.9788	1.0000
18	1.0000	1.0444	1.5208	1.5208	1.5208	0.000	4	26.00	10.00	0.9788	1.0000
32	0.9775	1.0209	1.4290	1.3694	1.5208	4.609	4	23.50	10.00	0.9775	0.9987
56	0.7500	0.7833	1.0995	0.8759	1.5208	27.017	4	14.00	10.00	0.7500	0.7663
*100	0.0425	0.0444	0.1909	0.0500	0.2868	52.679	4	10.00	10.00	0.0425	0.0434
*180	0.0000	0.0000	0.0500	0.0500	0.0500	0.000	4	10.00	10.00	0.0000	0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.75613	0.884	1.64904	7.50758
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	56	100	74.8331	
Treatments vs Control				

Linear Interpolation (200 Resamples)

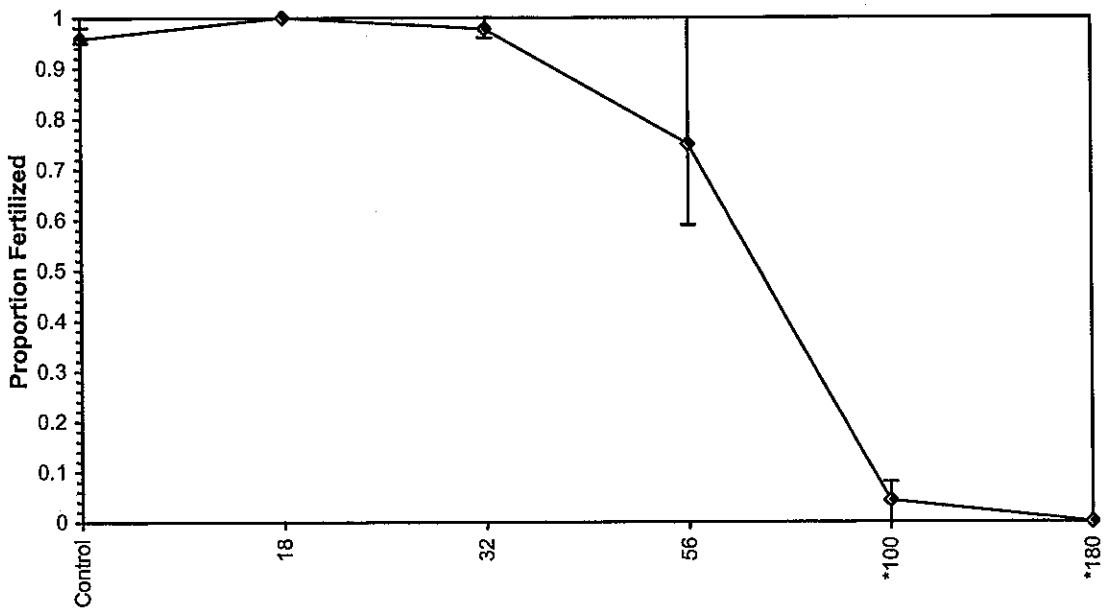
Point	ug/L	SD	95% CL(Exp)		Skew
IC05	37.031	4.708	33.868	68.725	2.7828
IC10	42.193	5.766	35.929	69.397	1.3513
IC15	47.356	5.931	37.853	70.077	0.6728
IC20	52.519	5.565	39.778	70.758	0.2395
IC25	56.991	5.063	42.126	71.852	-0.0117
IC40	66.122	4.051	52.670	77.708	-0.2289
IC50	72.208	3.331	60.912	81.611	-0.2372



Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	URCfert266	Sample ID:	REF-Ref Toxicant
End Date:	10/18/2005	Lab ID:	ABC LABORA	Sample Type:	CUCL-Copper chloride
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	Standard Toxicant				

Dose-Response Plot



Reviewed by:

Sperm Cell Fertilization Test-Proportion Fertilized

Start Date:	10/18/2005	Test ID:	URCfert266	Sample ID:	REF-Ref Toxicant
End Date:	10/18/2005	Lab ID:	ABC LABORA	Sample Type:	CUCL-Copper chloride
Sample Date:	10/18/2005	Protocol:	EPA/600/R	Test Species:	SP-Strongylocentrotus purpuratus
Comments:	Standard Toxicant				

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
Control	Temp C	14.20	14.20	14.20	0.00	0.00	2
18		14.20	14.20	14.20	0.00	0.00	2
32		14.20	14.20	14.20	0.00	0.00	2
56		14.20	14.20	14.20	0.00	0.00	2
100		14.20	14.20	14.20	0.00	0.00	2
180		14.20	14.20	14.20	0.00	0.00	2
Control	pH	8.20	8.20	8.20	0.00	0.00	2
18		8.20	8.20	8.20	0.00	0.00	2
32		8.20	8.20	8.20	0.00	0.00	2
56		8.20	8.20	8.20	0.00	0.00	2
100		8.20	8.20	8.20	0.00	0.00	2
180		8.20	8.20	8.20	0.00	0.00	2
Control	Diss Oxygen	9.30	9.30	9.30	0.00	0.00	2
18		9.30	9.30	9.30	0.00	0.00	2
32		9.30	9.30	9.30	0.00	0.00	2
56		9.30	9.30	9.30	0.00	0.00	2
100		9.30	9.30	9.30	0.00	0.00	2
180		9.30	9.30	9.30	0.00	0.00	2
Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	2
18		34.00	34.00	34.00	0.00	0.00	2
32		34.00	34.00	34.00	0.00	0.00	2
56		34.00	34.00	34.00	0.00	0.00	2
100		34.00	34.00	34.00	0.00	0.00	2
180		34.00	34.00	34.00	0.00	0.00	2

Ventura CountyWatershed Protection District
NPDES Stormwater Monitoing Program

Grab Toxicity Samples - ABC

CHAIN-OF-CUSTODY RECORD 1 OF 1

CLIENT: Ventura County Watershed Protection District - Manager: Darla Wise 654-3942

SAMPLING DATE: EVENT #1 (Wet)

SAMPLERS:

SAMPLE INFORMATION FOR GRAB SAMPLES

SAMPLE ID	DATE/TIME COLLECTED	Acute Ceriodaphnia - 6.25, 12.5, 25, 50, 100%	Chronic Echinoderm Fertilization - 6.25, 12.5, ;						No. of 5 gal. Buckets	NOTES	Field H_2O Temp
ME-CC	10-17-05 13:00		X						1	See Note 1	19.7°C
ME-SCR	14:50		X						1	See Note 1	17.4°C
ME-VR2	16:00		X						1	See Note 1	18.0°C
A-1 Wood	17:00	X							1	See Note 2	16.8°C
I-2 Ortega	12:30	X							1	See Note 2 CS	—
R-1 Swan	11:30	X							1	See Note 2 CS	—
W-3 La Vista	12:30	X							1	See Note 2	18.1°C
W-4 Revolon	11 13:35	X							1	See Note 2	19.3°C

	Relinquished By:	Date/Time
Signature	David F Thomas	10-18-05 9:45
Printed Name	DAVID F. THOMAS	
Affiliation	VCWPD	

	Received By:	Date/Time
		10-18-05 9:48
Printed Name	Scott C. Johnson	
Affiliation	HBC Labs	

Miscellaneous Notes (Hazardous Materials, Quick turn-around time, etc.):

1. **Mass Emmission: No TIE for Chronic Samples.**
2. **Land Use: Run TIE if Tua (Acute) is >1 for any wet or dry weather event.**