

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI S01 CSR F4 CPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00
1	0	1	0	0	1	2	NONE MG 3/2/00
2	0	0	0	0	0	2	NONE MG 3/3/00
3	0	0	0	0	0	2	NONE PBB 3/4/00
4	0	0	0	0	0	2	NONE MG 3/5/00
5	0	0	0	0	0	2	NONE PBB 3/6/00
6	0	0	0	0	0	2	NONE MG 3/7/00
7	0	0	0	0	0	2	NONE MG 3/8/00
8	0	0	0	0	0	2	NONE MG 3/9/00
9	0	0	0	0	0	2	NONE MG 3/10/00
10	0	0 ⁰	1	0	0	3	NONE AM 3/11/00
Total	0	1	1	0	1	3	

20 amphipods per replicate vessel (total of 100 per concentration).

① ac AM 3/11/00

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LISDI CSRF3CPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00 ^{IE MG 3/2/00}
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE P88 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE P88 3/10/00
6	0	0	0	0	0	0	NONE MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	0	1	0	1	0	2	0.71 sieved sand NONE MG 3/11/00
Total	0	1	0	1	0	2	MG 3/11/00

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI 501 NL 1KE CPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00
1	0	1	1	1	0	3	NONE MG 3/2/00
2	0	0	0	0	0	3	NONE MG 3/3/00
3	0	0	1	0	0	4	NONE P ₃₃ 3/4/00
4	0	0	0	0	1	5	NONE MG 3/5/00
5	0	0	0	0	0	5	NONE P ₃₃ 3/6/00
6	0	0	0	0	0	5	NONE MG 3/7/00
7	0	0	0	0	0	5	NONE MG 3/8/00
8	0	0	0	0	0	5	NONE MG 3/9/00
9	0	0	0	0	0	5	NONE MG 3/10/00
10	1	1	1	0	0	8	NONE P ₃₃ 3/11/00
Total	1	2	3	1	1	8	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SOI NL 2KE CPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00
1	1	0	1	0	0	2	NONE MG 3/2/00
2	0	0	0	0	0	2	NONE MG 3/3/00
3	0	0	1	0	0	3	NONE MG 3/4/00
4	0	0	0	0	0	3	NONE MG 3/5/00
5	0	0	0	0	0	3	NONE MG 3/6/00
6	0	0	0	0	0	3	NONE MG 3/7/00
7	0	0	0	0	1	4	NONE MG 3/8/00
8	0	0	0	0	0	4	NONE MG 3/9/00
9	0	0	0	0	0	4	NONE MG 3/10/00
10	0	0	1	0	1	6	NONE AEP 3/11/00
Total	1	0	3	0	2	6	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI S01 NLL R F CPG

TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00
1	1	0	0	0	0	1	NONE MG 3/2/00
2	0	0	0	0	0	0 [⊙] 1	NONE MG 3/3/00
3	0	0	0	0	0	1	NONE MG 3/4/00
4	0	0	0	0	0	1	NONE MG 3/5/00
5	0	0	0	1	0	2	NONE MG 3/6/00
6	0	0	0	0	0	2	NONE MG 3/7/00
7	0	0	0	0	0	2	NONE MG 3/8/00
8	0	0	0	0	0	2	NONE MG 3/9/00
9	0	0	0	0	0	2	NONE MG 3/10/00
10	0	1	1	0	1	5	NONE AM 3/11/00
Total	1	1	1	1	1	5	

20 amphipods per replicate vessel (total of 100 per concentration).

⊙ IE MG 3/3/00

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SOI NLRL CCPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00
1	0	0	0	0	1	1	NONE MG 3/2/00
2	0	0	0	0	0	1	NONE MG 3/3/00
3	0	0	0	0	0	1	NONE PS 3/4/00
4	0	0	0	0	0	1	NONE MG 3/5/00
5	0	0	0	0	0	1	NONE PS 3/6/00
6	0	0	0	0	0	1	NONE MG 3/7/00
7	0	0	0	0	0	1	NONE MG 3/8/00
8	0	0	0	0	0	1	NONE MG 3/9/00
9	0	0	0	0	0	1	NONE MG 3/10/00
10	1	0	0	0	0	2	NONE MG 3/11/00
Total	1	0	0	0	1	2	MG 3/11/00

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LISDINL SEACPG

TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/2/00 IEMG 3/2/00
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE P _{BB} 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE P _{BB} 3/6/00
6	0	0	0	0	0	0	NONE P _{BB} 3/7/00 MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/7/00 IEMG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	1	0	0	0	0	1	NONE dnc 3/10/00
Total	1	0	0	0	0	1	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SDI NL WRFCPG

TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/2/00 IE MG 3/2/00
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE P ₃₀ 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE P₃₀ 3/6/00
6	0	0	0	0	0	0	NONE MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	0	2	2	0	0	4	NONE P ₃₀ 3/11/00
Total	0	2	2	0	0	4	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SOI WLE 5H CPG

TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/1/00
1	0	0	0	1	0	1	NONE MG 3/2/00
2	0	0	0	0	0	1	NONE MG 3/3/00
3	0	0	0	0	0	1	NONE MG 3/4/00
4	0	0	0	0	0	1	NONE MG 3/5/00
5	0	0	0	0	0	1	NONE MG 3/6/00
6	0	0	0	0	0	1	NONE MG 3/7/00
7	0	0	0	0	0	1	NONE MG 3/8/00
8	0	0	0	0	0	1	NONE MG 3/9/00
9	0	0	0	0	0	1	NONE MG 3/10/00
10	1	1	0	0	1	4	NONE AEP 3/11/00
Total	1	1	0	1	1	4	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LISOL WL WSH CPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/2/00 ^{IE MG 3/2/00}
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE MG 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE MG 3/6/00
6	0	0	0	0	0	0	NONE MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	1	1	0	0	0	2	NONE AM 3/11/00
Total	1	1	0	0	0	2	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SOL WLEBI CPG

TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/2/00 TEMP 3/2/00
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE PBB 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE PBB 3/6/00
6	0	0	0	0	0	0	NONE MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	1	0	1	0	0	2	NONE PAC 3/11/00
Total	1	0	1	0	0	2	

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SOL WL MDI CRG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/2/00 ^{IF MG 3/2/00}
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE PBB 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE PBB 3/6/00
6	0	0	0	0	0	0	NONE MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	0	0	0	0	0	0	NONE MG 3/11/00
Total	0	0	0	0	0	0	MG 3/11/00

20 amphipods per replicate vessel (total of 100 per concentration).

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LISDI WLSTH CPG							
TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE 3/1/00 MG
1	1	0	0	0	0	1	NONE 3/2/00 MG
2	0	0	0	0	0	1	NONE MG 3/2/00 ³ JEMG 3/3/00
3	0	0	0	0	0	1	NONE 983 3/4/00
4	0	0	0	0	0	1	NONE MG 3/5/00
5	0	0	0	0	0	1	NONE 783 3/6/00
6	0	0	0	0	0	1	NONE MG 3/7/00
7	0	0	0	0	0	1	NONE MG 3/8/00
8	0	0	0	0	0	1	NONE MG 3/9/00
9	0	0	0	0	0	1	NONE MG 3/10/00
10	0	0	0	1	0	2	NONE 783 3/11/00
Total	1	0	0	1	0	2	

20 amphipods per replicate vessel (total of 100 per concentration).

13013 6107

0 073

BIOLOGICAL OBSERVATIONS FOR TEST SAMPLE: LI SOI WLSWR CPG

TEST DAY	REPLICATE					CUM. # DEAD	OBSERVATIONS:
	A	B	C	D	E		
	# DEAD	# DEAD	# DEAD	# DEAD	# DEAD		
0	0	0	0	0	0	0	NONE MG 3/2/00 ^{IE MG 3/2/00}
1	0	0	0	0	0	0	NONE MG 3/2/00
2	0	0	0	0	0	0	NONE MG 3/3/00
3	0	0	0	0	0	0	NONE 988 3/4/00
4	0	0	0	0	0	0	NONE MG 3/5/00
5	0	0	0	0	0	0	NONE 988 3/6/00
6	0	0	0	0	0	0	NONE MG 3/7/00
7	0	0	0	0	0	0	NONE MG 3/8/00
8	0	0	0	0	0	0	NONE MG 3/9/00
9	0	0	0	0	0	0	NONE MG 3/10/00
10	0	0	0	0	1	1	NONE PEP 3/11/00
Total	0	0	0	0	1	1	

20 amphipods per replicate vessel (total of 100 per concentration).

ID names for statistical analyses

<u>Test Sample</u>	<u>Statistical ID</u>
Lab Control - NR	LabControl
Lab Control - LH	ControlB
LIS01CL1KWCPG	z1
LIS01CL2KWCPG	z2
LIS01CL25WCPG	z3
LIS01CLFVPCPG	z4
LIS01CLN74CPG	z5
LIS01CLN93CPG	z6
LIS01CLREFCPG	z7
LIS01CS2KWCPG	z8
LIS01CS4KWCPG	z9
LIS01CSB92CPG	z10
LIS01CSS94CPG	z11
LIS01CSR4CPG	z12
LIS01CSR3CPG	z13
LIS01NL1KECPG	z14
LIS01NL2KECPG	z15
LIS01NLLRFCPG	z16
LIS01NLRLCCPG	z17
LIS01NLSEACPG	z18
LIS01NLWRFPCPG	z19
LIS01WLE5HCPG	z20
LIS01WLW5HCPG	z21
LIS01WLEB1CPG	z22
LIS01WLMDICPG	z23
LIS01WLSTHCPG	z24
LIS01WLSWRCPG	z25

data by: *AEH*

date: *3/16/00*

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = ControlB

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = LabControl

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z1

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z10

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	16.000
MAXIMUM	18.000
MEAN	17.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z11

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z12

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z13

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z14

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	19.000
MEAN	18.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z15

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.800
STANDARD DEV	1.304

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z16

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	19.000
MEAN	19.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z17

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z18

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z19

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.200
STANDARD DEV	1.095

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs LabControl
 LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$

ControlB	LabControl	z1	z10	z11	z12
z13	z14	z15	z16	z17	z18
z19					

DEP VAR: SURVIVAL N: 65 MULTIPLE R: 0.687 SQUARED MULTIPLE R: 0.473

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	27.600	12	2.300	3.883	0.000
ERROR	30.800	52	0.592		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/

ROW	CONC\$
1	ControlB
2	LabControl
3	z1
4	z10
5	z11
6	z12
7	z13
8	z14
9	z15
10	z16
11	z17
12	z18
13	z19

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL

DUNNETT TEST WITH CONTROL = LabControl

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	-0.400
2	0.000
3	-0.200
4	-2.400
5	-0.200
6	-0.400
7	-0.200
8	-1.400
9	-1.000
10	-0.800
11	-0.200
12	0.000
13	-0.600

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	0.493
2	1.000
3	0.500
4	0.000 *
5	0.500
6	0.493
7	0.500
8	0.025 *
9	0.143
10	0.272
11	0.500
12	0.500
13	0.418

* Statistically different (p < 0.05) compared to the lab control - NR (99%)

	CONC\$	SURVIVAL
CASE 1	ControlB	20.000
CASE 2	ControlB	19.000
CASE 3	ControlB	18.000
CASE 4	ControlB	20.000
CASE 5	ControlB	20.000
CASE 6	LabControl	20.000
CASE 7	LabControl	20.000
CASE 8	LabControl	20.000
CASE 9	LabControl	20.000
CASE 10	LabControl	19.000
CASE 11	z2	20.000
CASE 12	z2	20.000
CASE 13	z2	20.000
CASE 14	z2	19.000
CASE 15	z2	19.000
CASE 16	z20	19.000
CASE 17	z20	19.000
CASE 18	z20	20.000
CASE 19	z20	19.000
CASE 20	z20	19.000
CASE 21	z21	19.000
CASE 22	z21	19.000
CASE 23	z21	20.000
CASE 24	z21	20.000
CASE 25	z21	20.000
CASE 26	z22	19.000
CASE 27	z22	20.000
CASE 28	z22	19.000
CASE 29	z22	20.000
CASE 30	z22	20.000
CASE 31	z23	20.000
CASE 32	z23	20.000
CASE 33	z23	20.000
CASE 34	z23	20.000
CASE 35	z23	20.000
CASE 36	z24	19.000
CASE 37	z24	20.000
CASE 38	z24	20.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = ControlB

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = LabControl

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z2

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z20

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.200
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:

CONC\$ = z21

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:

CONC\$ = z22

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:

CONC\$ = z23

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:

CONC\$ = z24

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z25

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z3

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z4

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.800
STANDARD DEV	1.095

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z5

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z6

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z7

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z8

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.600
STANDARD DEV	1.140

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z9

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs LabControl
 LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$

ControlB	LabControl	z2	z20	z21	z22
z23	z24	z25	z3	z4	z5
z6	z7	z8	z9		

DEP VAR: SURVIVAL N: 80 MULTIPLE R: 0.561 SQUARED MULTIPLE R: 0.315

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	11.950	15	0.797	1.961	0.033
ERROR	26.000	64	0.406		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/

ROW	CONC\$
1	ControlB
2	LabControl
3	z2
4	z20
5	z21
6	z22
7	z23
8	z24
9	z25
10	z3
11	z4
12	z5
13	z6
14	z7
15	z8
16	z9

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL

DUNNETT TEST WITH CONTROL = LabControl

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	-0.400
2	0.000
3	-0.200
4	-0.600
5	-0.200
6	-0.200
7	0.200
8	-0.200
9	0.000
10	0.200
11	-1.000
12	0.200
13	-0.200
14	-0.400
15	-1.200
16	-0.400

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	0.486
2	1.000
3	0.500
4	0.357
5	0.500
6	0.500
7	0.500
8	0.500
9	0.500
10	0.500
11	0.069
12	0.500
13	0.500
14	0.486
15	0.021 *
16	0.486

* Statistically different ($p \leq 0.05$) compared to the lab control- NR (99%).

	CONC\$	SURVIVAL
CASE	1	ControlB 20.000
CASE	2	ControlB 19.000
CASE	3	ControlB 18.000
CASE	4	ControlB 20.000
CASE	5	ControlB 20.000
CASE	6	LabControl 20.000
CASE	7	LabControl 20.000
CASE	8	LabControl 20.000
CASE	9	LabControl 20.000
CASE	10	LabControl 19.000
CASE	11	z1 20.000
CASE	12	z1 20.000
CASE	13	z1 20.000

CASE	14	z1	19.000
CASE	15	z1	19.000
CASE	16	z10	16.000
CASE	17	z10	18.000
CASE	18	z10	17.000
CASE	19	z10	18.000
CASE	20	z10	18.000
CASE	21	z11	18.000
CASE	22	z11	20.000
CASE	23	z11	20.000
CASE	24	z11	20.000
CASE	25	z11	20.000
CASE	26	z12	20.000
CASE	27	z12	19.000
CASE	28	z12	19.000
CASE	29	z12	20.000
CASE	30	z12	19.000
CASE	31	z13	20.000
CASE	32	z13	19.000
CASE	33	z13	20.000
CASE	34	z13	19.000
CASE	35	z13	20.000
CASE	36	z14	19.000
CASE	37	z14	18.000
CASE	38	z14	17.000
CASE	39	z14	19.000
CASE	40	z14	19.000
CASE	41	z15	19.000
CASE	42	z15	20.000
CASE	43	z15	17.000
CASE	44	z15	20.000
CASE	45	z15	18.000
CASE	46	z16	19.000
CASE	47	z16	19.000
CASE	48	z16	19.000
CASE	49	z16	19.000
CASE	50	z16	19.000
CASE	51	z17	19.000
CASE	52	z17	20.000
CASE	53	z17	20.000
CASE	54	z17	20.000
CASE	55	z17	19.000
CASE	56	z18	19.000
CASE	57	z18	20.000
CASE	58	z18	20.000
CASE	59	z18	20.000
CASE	60	z18	20.000
CASE	61	z19	20.000
CASE	62	z19	18.000
CASE	63	z19	18.000
CASE	64	z19	20.000
CASE	65	z19	20.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = ControlB

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = LabControl

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z1

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z10

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	16.000
MAXIMUM	18.000
MEAN	17.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z11

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z12

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z13

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z14

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	19.000
MEAN	18.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z15

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.800
STANDARD DEV	1.304

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z16

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	19.000
MEAN	19.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z17

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z18

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z19

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.200
STANDARD DEV	1.095

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs ControlB
LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$

ControlB	LabControl	z1	z10	z11	z12
z13	z14	z15	z16	z17	z18
z19					

DEP VAR: SURVIVAL N: 65 MULTIPLE R: 0.687 SQUARED MULTIPLE R: 0.473

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	27.600	12	2.300	3.883	0.000
ERROR	30.800	52	0.592		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/

ROW	CONC\$
1	ControlB
2	LabControl
3	z1
4	z10
5	z11
6	z12
7	z13
8	z14
9	z15
10	z16
11	z17
12	z18
13	z19

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL

DUNNETT TEST WITH CONTROL = ControlB

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	0.000
2	0.400
3	0.200
4	-2.000
5	0.200
6	0.000
7	0.200
8	-1.000
9	-0.600
10	-0.400
11	0.200
12	0.400
13	-0.200

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	1.000
2	0.493
3	0.500
4	0.001 *
5	0.500
6	0.500
7	0.500
8	0.143
9	0.418
10	0.493
11	0.500
12	0.493
13	0.500

* Statistically different ($p \leq 0.05$) compared to the lab control - LH (97%).

	CONC\$	SURVIVAL
CASE 1	ControlB	20.000
CASE 2	ControlB	19.000
CASE 3	ControlB	18.000
CASE 4	ControlB	20.000
CASE 5	ControlB	20.000
CASE 6	LabControl	20.000
CASE 7	LabControl	20.000
CASE 8	LabControl	20.000
CASE 9	LabControl	20.000
CASE 10	LabControl	19.000
CASE 11	z2	20.000
CASE 12	z2	20.000
CASE 13	z2	20.000
CASE 14	z2	19.000
CASE 15	z2	19.000
CASE 16	z20	19.000
CASE 17	z20	19.000
CASE 18	z20	20.000
CASE 19	z20	19.000
CASE 20	z20	19.000
CASE 21	z21	19.000
CASE 22	z21	19.000
CASE 23	z21	20.000
CASE 24	z21	20.000
CASE 25	z21	20.000
CASE 26	z22	19.000
CASE 27	z22	20.000
CASE 28	z22	19.000
CASE 29	z22	20.000
CASE 30	z22	20.000
CASE 31	z23	20.000
CASE 32	z23	20.000
CASE 33	z23	20.000
CASE 34	z23	20.000
CASE 35	z23	20.000
CASE 36	z24	19.000
CASE 37	z24	20.000

CASE	38	z24	20.000
CASE	39	z24	19.000
CASE	40	z24	20.000
CASE	41	z25	20.000
CASE	42	z25	20.000
CASE	43	z25	20.000
CASE	44	z25	20.000
CASE	45	z25	19.000
CASE	46	z3	20.000
CASE	47	z3	20.000
CASE	48	z3	20.000
CASE	49	z3	20.000
CASE	50	z3	20.000
CASE	51	z4	17.000
CASE	52	z4	19.000
CASE	53	z4	20.000
CASE	54	z4	19.000
CASE	55	z4	19.000
CASE	56	z5	20.000
CASE	57	z5	20.000
CASE	58	z5	20.000
CASE	59	z5	20.000
CASE	60	z5	20.000
CASE	61	z6	20.000
CASE	62	z6	20.000
CASE	63	z6	20.000
CASE	64	z6	20.000
CASE	65	z6	18.000
CASE	66	z7	20.000
CASE	67	z7	19.000
CASE	68	z7	19.000
CASE	69	z7	20.000
CASE	70	z7	19.000
CASE	71	z8	19.000
CASE	72	z8	20.000
CASE	73	z8	19.000
CASE	74	z8	18.000
CASE	75	z8	17.000
CASE	76	z9	19.000
CASE	77	z9	19.000
CASE	78	z9	20.000
CASE	79	z9	20.000
CASE	80	z9	19.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = ControlB

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = LabControl

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z2

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z20

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.200
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z21

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES 5
MINIMUM 19.000
MAXIMUM 20.000
MEAN 19.600
STANDARD DEV 0.548

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z22

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES 5
MINIMUM 19.000
MAXIMUM 20.000
MEAN 19.600
STANDARD DEV 0.548

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z23

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES 5
MINIMUM 20.000
MAXIMUM 20.000
MEAN 20.000
STANDARD DEV 0.000

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z24

TOTAL OBSERVATIONS: 5
SURVIVAL

N OF CASES 5
MINIMUM 19.000
MAXIMUM 20.000
MEAN 19.600
STANDARD DEV 0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z25

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z3

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z4

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.800
STANDARD DEV	1.095

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z5

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z6

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z7

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z8

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.600
STANDARD DEV	1.140

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z9

TOTAL OBSERVATIONS: 5
 SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs ControlB
 LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$					
ControlB	LabControl	z2	z20	z21	z22
z23	z24	z25	z3	z4	z5
z6	z7	z8	z9		

DEP VAR: SURVIVAL N: 80 MULTIPLE R: 0.561 SQUARED MULTIPLE R: 0.315

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	11.950	15	0.797	1.961	0.033
ERROR	26.000	64	0.406		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/

ROW	CONC\$
1	ControlB
2	LabControl
3	z2
4	z20
5	z21
6	z22
7	z23
8	z24
9	z25
10	z3
11	z4
12	z5
13	z6
14	z7
15	z8
16	z9

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL
DUNNETT TEST WITH CONTROL = ControlB

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	0.000
2	0.400
3	0.200
4	-0.200
5	0.200
6	0.200
7	0.600
8	0.200
9	0.400
10	0.600
11	-0.600
12	0.600
13	0.200
14	0.000
15	-0.800
16	0.000

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	1.000
2	0.486
3	0.500
4	0.500
5	0.500
6	0.500
7	0.357
8	0.500
9	0.486
10	0.357
11	0.357
12	0.357
13	0.500
14	0.500
15	0.180
16	0.500

Dunnets Test for Amphipods Survival Effects vs LISO1CSRF3CPG
 LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$

z10	z11	z12	z13	z8	z9
-----	-----	-----	-----	----	----

DEP VAR: SURVIVAL N:30 MULTIPLE R: 0.744 SQUARED MULTIPLE R: 0.553

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	18.800	5	3.760	5.937	0.001
ERROR	15.200	24	0.633		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/

ROW CONC\$

1	z10
2	z11
3	z12
4	z13
5	z8
6	z9

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL

DUNNETT TEST WITH CONTROL = z13

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	-2.200
2	0.000
3	-0.200
4	0.000
5	-1.000
6	-0.200

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	0.000 *
2	0.500
3	0.497
4	1.000
5	0.101
6	0.497

* Statistically different (p < 0.05) compared to the reference control
 LISO1CSRF3CPG (98%).

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z10

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	16.000
MAXIMUM	18.000
MEAN	17.400
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z11

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z12

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z13

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z8

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.600
STANDARD DEV	1.140

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z9

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

SUMMARY STATISTICS FOR SURVIVAL

BARTLETT TEST FOR HOMOGENEITY OF GROUP VARIANCES = 4.221

APPROXIMATE F = 0.768 DF = 5,740 PROBABILITY = 0.573

ANALYSIS OF VARIANCE

SOURCE	SUM OF SQUARES	DF	MEAN SQUARE	F	PROBABILITY
BETWEEN GROUPS	18.800	5	3.760	5.937	0.001
WITHIN GROUPS	15.200	24	0.633		

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z1

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z2

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z3

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z4

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	17.000
MAXIMUM	20.000
MEAN	18.800
STANDARD DEV	1.095

THE FOLLOWING RESULTS ARE FOR:

CONCŞ = z5

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:

CONCŞ = z6

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.894

THE FOLLOWING RESULTS ARE FOR:

CONCŞ = z7

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.400
STANDARD DEV	0.548

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs LIS01CLREFCPG
 LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$
 z1 z2 z3 z4 z5 z6
 z7

DEP VAR: SURVIVAL N: 35 MULTIPLE R: 0.548 SQUARED MULTIPLE R: 0.300

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	4.971	6	0.829	2.000	0.099
ERROR	11.600	28	0.414		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/
 ROW CONC\$
 1 z1
 2 z2
 3 z3
 4 z4
 5 z5
 6 z6
 7 z7

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL
 DUNNETT TEST WITH CONTROL = z7

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	0.200
2	0.200
3	0.600
4	-0.600
5	0.600
6	0.200
7	0.000

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	0.496
2	0.496
3	0.250
4	0.250
5	0.250
6	0.496
7	1.000

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z18

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
CONC\$ = z19

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	18.000
MAXIMUM	20.000
MEAN	19.200
STANDARD DEV	1.095

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs LISO1NLLRFCPG
LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$

z14	z15	z16	z17	z18	z19
-----	-----	-----	-----	-----	-----

DEP VAR: SURVIVAL N: 30 MULTIPLE R: 0.533 SQUARED MULTIPLE R: 0.284

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	6.667	5	1.333	1.905	0.131
ERROR	16.800	24	0.700		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/

ROW CONC\$

1	z14
2	z15
3	z16
4	z17
5	z18
6	z19

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL

DUNNETT TEST WITH CONTROL = z16

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	-0.600
2	-0.200
3	0.000
4	0.600
5	0.800
6	0.200

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	0.343
2	0.497
3	1.000
4	0.343
5	0.217
6	0.497

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z20

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.200
STANDARD DEV	0.447

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z21

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z22

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z23

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	20.000
MAXIMUM	20.000
MEAN	20.000
STANDARD DEV	0.000

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z24

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.600
STANDARD DEV	0.548

THE FOLLOWING RESULTS ARE FOR:
 CONC\$ = z25

TOTAL OBSERVATIONS: 5

SURVIVAL

N OF CASES	5
MINIMUM	19.000
MAXIMUM	20.000
MEAN	19.800
STANDARD DEV	0.447

SUMMARY STATISTICS FOR SURVIVAL

ONE OR MORE OF YOUR GROUPS HAS NO VARIANCE.

Dunnets Test for Amphipods Survival Effects vs LIS01WLSTHCPG
 LEVELS ENCOUNTERED DURING PROCESSING ARE:

CONC\$ z21 z22 z23 z24 z25

DEP VAR: SURVIVAL N: 30 MULTIPLE R: 0.504 SQUARED MULTIPLE R: 0.254

ANALYSIS OF VARIANCE

SOURCE	SUM-OF-SQUARES	DF	MEAN-SQUARE	F-RATIO	P
CONC\$	1.767	5	0.353	1.631	0.190
ERROR	5.200	24	0.217		

ALPHA OPTION IGNORED. IT IS NO LONGER NEEDED FOR ANY TEST.

COL/
 ROW CONC\$

1	z20
2	z21
3	z22
4	z23
5	z24
6	z25

USING LEAST SQUARES MEANS.

POST HOC TEST OF SURVIVAL

DUNNETT TEST WITH CONTROL = z24

MATRIX OF MEAN DIFFERENCES FROM CONTROL:

1	-0.400
2	0.000
3	0.000
4	0.400
5	0.000
6	0.200

DUNNETT ONE SIDED TEST.

MATRIX OF PAIRWISE COMPARISON PROBABILITIES:

1	0.266
2	0.500
3	0.500
4	0.266
5	1.000
6	0.469



U.S. Army Corps of Engineers, New England District (NED)
Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey Analytical Lab ID COC_ID

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boye	<i>[Signature]</i>	ENSR	18 FEB 13 10	<input type="text"/>
Rec'd	H. Costa	<i>[Signature]</i>	WHTG	2/18/00 1310	Num of Coolers <input type="text" value="1"/>
Released	H. Costa	<i>[Signature]</i>	WHTG	2/18/00 1600	Num of Bottles <input type="text"/>
Rec'd	A. Pott	<i>[Signature]</i>	Springhouse	2/12/00 1600	COC Tape No's <input type="text"/>
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All four containers were received at 3°C. REF 2/18/00
All samples placed in refrigerator #10

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01NL1KECPG		02/16/00 22:40:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01NLWRFCPG		02/17/00 1:12:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO

TO: Dave Mitchell (ENSR)

(978) 635-9180

2/21/00

Dave:

Attached, are 5 CoC. for the first sample group.

Arthur



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey LIS01 Analytical Lab ID SPRB COC_ID 27

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boye	<i>[Signature]</i>	ENSR	21 FEB 0915	0200A380
Rec'd	Dianne M Jank	<i>[Signature]</i>	WHO	2/21/2000 0915	Num of Coolers 1
Released	Dianne M Jank	<i>[Signature]</i>	WHO	2/21/2000 0916	Num of Bottles 4
Rec'd	A Pett	<i>[Signature]</i>	Springburn	2/21/00 0916	COC Tape No's
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All 4 containers were received at 1°C and then placed in refrigerator #10 AEP 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CLN74CPG		02/20/00 7:47:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01CLN93CPG		02/20/00 1:09:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey	LIS01	Analytical Lab ID	SPRB	COC_ID	28
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	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boye	<i>[Signature]</i>	ENSR	21 FEB 0917	0200A380
Rec'd	Dianne M. Junick	<i>[Signature]</i>	WHA	2/21/00 0917	Num of Coolers 1
Released	Dianne M. Junick	<i>[Signature]</i>	WHA	2/21/00 0958	Num of Bottles 4
Rec'd	A. D. H.	<i>[Signature]</i>	Springboro	2/21/00 0956	COC Tape No's
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All 4 containers were received at 2°C and then placed in refrigerator #10.
NED 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CL2KWCPG		02/19/00 20:05:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01CLFVPCPG		02/20/00 9:02:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey LIS01 Analytical Lab ID SPRB COC_ID 23

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Bopp	<i>[Signature]</i>	ENSR	21 FEB 0908	0200A380
Rec'd	Dianne M. Jank	<i>[Signature]</i>	WHE	2/21/2000 0908	Num of Coolers 1
Released	A. P. H.	<i>[Signature]</i>	WHE	2/21/2000 0958	Num of Bottles 2
Rec'd	A. P. H.	<i>[Signature]</i>	Springboro	2/21/00 0956	COC Tape No's
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

The 2 containers were received at 7°C and then placed in refrigerator #10 PER 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01WLSWRCPG		02/19/00 8:25:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey LIS01 Analytical Lab ID SPRB COC_ID 26

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boy	<i>[Signature]</i>	ENSR	21 Feb 0911	0200A380
Rec'd	Dianne M Janek	<i>[Signature]</i>	W/HG	2/21/2000 0911	Num of Coolers 1
Released	Dianne M Janek	<i>[Signature]</i>	W/HG	2/21/2000 0930	Num of Bottles 4
Rec'd	A. Pott	<i>[Signature]</i>	Springhorn	2/21/00 0954	COC Tape No's
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All four samples were received at 2°C and then placed in refrigerator #10
 AEP 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01WLMDICPG		02/19/00 11:53:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01WLW5HCPG		02/19/00 10:14:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey LIS01 Analytical Lab ID SPRB COC_ID 24

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boyer	<i>[Signature]</i>	ENSR	21 Feb 0913	0200A380
Rec'd	Dianne M. Janak	<i>[Signature]</i>	WTH	2/21/2000 0913	Num of Coolers 1
Released	Dianne M. Janak	<i>[Signature]</i>	WTH	2/21/2000 0913	Num of Bottles 4
Rec'd	A. Port	<i>[Signature]</i>	Springborn	2/21/00 0913	COC Tape No's
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All samples were received at 10C
 All 4 samples were placed in Ref #10
 AEP 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01WLE5HCPG		02/18/00 23:13:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01WLSTHCPG		02/19/00 1:47:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey	LIS01	Analytical Lab ID	SPRB	COC_ID	29
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	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Baye	<i>[Signature]</i>	ENSR	21 FEB 0921	0200A380
Rec'd	Dianne M. Jank	<i>[Signature]</i>	WHA	2/21/2000 0921	Num of Coolers 1
Released	Dianne M. Jank	<i>[Signature]</i>	WHA	2/21/2000 0958	Num of Bottles 2
Rec'd	A. Pott	<i>[Signature]</i>	Springborn	2/21/00 0958	COC Tape No's
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

Both containers were reviewed at 1°C and placed in refrigerator #10 - AEF 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CL1KWCPG		02/19/00 21:39:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO

To: Dore Mitchell (ENSR)

(978) 635-9160

2/21/00

Dore.

Here are the six COCs for the 10 samples we received today.

Arthur



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey LIS01 Analytical Lab ID SPRB COC_ID 25

	Name	Signature	Affiliation	Date and Time
Released	D. Boye	<i>[Signature]</i>	ENSR	21 Feb 0924
Rec'd	Dianne H. Javel	<i>[Signature]</i>	WHO	2/21/2000 0924
Released	Dianne H. Javel	<i>[Signature]</i>	WHO	2/21/2000 1120
Rec'd	A. Pratt	<i>[Signature]</i>	Springhouse	2/21/00 1120
Released				
Rec'd				

Fieldbook Nu
 0200A380
 Num of Coolers
 1
 Num of Bottles
 6
 COC Tape No's
 []

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All six containers were received at 12°C and placed in refrigerator #10. ASP 2/21/00

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CL25WCPG		02/19/00 18:53:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01CLREFCPG		02/19/00 23:07:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01WLEB1CPG		02/19/00 14:34:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO

To: Dave Mitchell (ENSR)

(978) 635-9180

2/21/00

Date: Here is the COC for the last 3 samples. Now have a total of 25.

[Signature]



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey Analytical Lab ID COC_ID

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boye	<i>[Signature]</i>	ENSR	18 Feb 1310	
Rec'd	H. Costa	<i>[Signature]</i>	W.H.G.	2/18/00 1310	Num of Coolers <input type="text" value="1"/>
Released	A. Costa	<i>[Signature]</i>	W.H.G.	2/18/00 1600	Num of Bottles <input type="text"/>
Rec'd	A. Roth	<i>[Signature]</i>	Springburn	2/18/00 1600	COC Tape No's <input type="text"/>
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All eight containers were received at 2°C NED 2/18/00
 All samples placed in refrigerator #10

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CS2KWCPG		02/17/00 22:06:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01CS4KWCPG		02/17/00 19:44:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01NLRLCCPG		02/17/00 11:49:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01NLSEACPG		02/17/00 9:11:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey Analytical Lab ID COC_ID

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boye	<i>[Signature]</i>	ENSR	8 Feb 1310	<input type="text"/>
Rec'd	H. Costa	<i>[Signature]</i>	WAG	2/18/00 1310	Num of Coolers <input type="text" value="1"/>
Released	H. Costa	<i>[Signature]</i>	WAG	2/18/00 1400	Num of Bottles <input type="text"/>
Rec'd	A. Post	<i>[Signature]</i>	Springborn	2/18/00 1400	COC Tape No's <input type="text"/>
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All four containers were received at 2°C. PER 2/18/00
 All samples placed in refrigerator #10

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CSRF3CPG		02/17/00 17:01:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01CSRF4CPG		02/17/00 14:35:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey Analytical Lab ID COC_ID

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boye	<i>[Signature]</i>	ENSR	18 FEB 13 10	<input type="text"/>
Rec'd	H. Costa	<i>[Signature]</i>	WITG	2/18/00 1310	Num of Coolers <input type="text" value="1"/>
Released	H. Costa	<i>[Signature]</i>	WITG	2/18/00 1600	Num of Bottles <input type="text"/>
Rec'd	A. Pitt	<i>[Signature]</i>	Springern	2/18/00 1600	COC Tape No's <input type="text"/>
Released					
Rec'd					

Recipient's Address

375 Paramount Drive Suite B Raynham, MA 02767

Comments

All four containers were received at 1°C. AEP 2/18/00
 All samples placed in refrigerator #10

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01NL2KECPG		02/16/00 19:05:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01NLLRFCPG		02/16/00 15:43:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO



U.S. Army Corps of Engineers, New England District (NED)
 Long Island Sound EIS Sampling - February 2000

CHAIN OF CUSTODY

Survey Analytical Lab ID COC_ID

	Name	Signature	Affiliation	Date and Time	Fieldbook Nu
Released	D. Boyle	<i>[Signature]</i>	ENSR	18 Feb 1310	<input type="text"/>
Rec'd	H. Costa	<i>[Signature]</i>	WHD	2/18/00 1310	Num of Coolers <input type="text" value="1"/>
Released	H. Costa	<i>[Signature]</i>	WHD	2/18/00 1600	Num of Bottles <input type="text"/>
Rec'd	A. Pitt	<i>[Signature]</i>	Springham	2/18/00 1600	COC Tape No's <input type="text"/>
Released					
Rec'd					

Recipient's Address

790 Main Street, Wareham, MA 02571

Comments

All four containers were received at 1°C
 IEP 2/18/00
 All samples placed in refrigerator #10

BOTTLE_ID	Bar Code	DATE/TIME	Container	Media	Analysis	Preservative	Filtered
LIS01CSB92CPG		02/18/00 9:05:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO
LIS01CSS94CPG		02/17/00 23:55:00	(2) 1 GAL CONTAINERS	SED	TOXICITY	4C	NO