APPENDIX D

Amphipod Laboratory Replicate Data

Amphipod Laboratory Replicate Data - Leg 1.

LA HARBOR LEG 2 AMPHIPOD SEDIMENT TEST

	Sites	Lab rep	# start	# surv	% survival
1	home rep1	L1	20	18	90
2	home rep1	L2	20	20	100
3	home rep1	L3	20	18	90
4	home rep1	L4	20	15	75
5	home rep1	L5	20	19	95
6	home rep2	L1	20	17	85
7	home rep2	L2	20	20	100
8	home rep2	L3	20	18	90
9	home rep2	L4	20	20	100
10	home rep2	L5	20	18	90
11	home rep3	L1	20	19	95
12	home rep3	L2	20	20	100
13	home rep3	L3	20	18	90
14	home rep3	L4	20	20	100
15	home rep3	L5	20	17	85
16	30035.1	L1	20	19	95
17	30035.1	L2	20	12	60
18	30035.1	L3	20	16	80
19	30035.1	L4	20	15	75
20	30035.1	L5	20	15	75
21	30035.2	L1	20	17	85
22	30035.2	L2	20	20	100
23	30035.2	L3	20	12	60
24	30035.2	L4	20	11	55
25	30035.2	L5	20	11	55
26	30035.3	L1	20	16	80
27	30035.3	L2	20	20	100
28	30035.3	L3	20	11	55
29	30035.3	L4	20	10	50
30	30035.3	L5	20	14	70
31	40001.1	L1	20	14	70
32	40001.1	L2	20	14	70
33	40001.1	L3	20	17	85
34	40001.1	L4	20	17	85
35	40001.1	L5	20	3	15
36	40001.2	L1	20	5	25
37	40001.2	L2	20	10	50
38	40001.2	L3	20	9	45
39	40001.2	L4	20	14	70
40	40001.2	L5	20	13	65

	Sites	Lab rep	# start	# surv	% survival
41	40001.3	L1	20	14	70
42	40001.3	L2	20	10	50
43	40001.3	L3	20	16	80
44	40001.3	L4	20	14	70
45	40001.3	L5	20	17	85
46	40002.1	L1	20	12	60
47	40002.1	L2	20	14	70
48	40002.1	L3	20	18	90
49	40002.1	L4	21	14	67
50	40002.1	L5	20	18	90
51	40002.2	L1	20	15	75
52	40002.2	L2	20	13	65
53	40002.2	L3	20	15	75
54	40002.2	L4	21	21	100
55	40002.2	L5	20	15	75
56	40002.3	L1	20	11	55
57	40002.3	L2	20	16	80
58	40002.3	L3	20	16	80
59	40002.3	L4	20	15	75
60	40002.3	L5	20	16	80
61	40003.1	L1	20	11	55
62	40003.1	L2	20	18	90
63	40003.1	L3	20	10	50
64	40003.1	L4	20	14	70
65	40003.1	L5	20	11	55
66	40003.2	L1	20	20	100
67	40003.2	L2	20	10	50
68	40003.2	L3	20	14	70
69	40003.2	L4	20	15	75
70	40003.2	L5	20	4	20
71	40003.3	L1	20	13	65
72	40003.3	L2	20	18	90
73	40003.3	L3	20	17	85
74	40003.3	L4	20	16	80
75	40003.3	L5	20	17	85
76	40004.1	L1	20	15	75
77	40004.1	L2	20	17	85
78	40004.1	L3	20	15	75
79	40004.1	L4	20	17	85
80	40004.1	L5	20	14	70

	Sites	Lab rep	# start	# surv	% survival
81	40004.2	L1	20	15	75
82	40004.2	L2	20	14	70
83	40004.2	L3	20	16	80
84	40004.2	L4	20	17	85
85	40004.2	L5	20	18	90
86	40004.3	L1	20	15	75
87	40004.3	L2	20	17	85
88	40004.3	L3	20	14	70
89	40004.3	L4	20	19	95
90	40004.3	L5	20	16	80
91	40005.1	L1	20	16	80
92	40005.1	L2	20	15	75
93	40005.1	L3	20	18	90
94	40005.1	L4	20	13	65
95	40005.1	L5	20	12	60
96	40005.2	L1	20	16	80
97	40005.2	L2	20	13	65
98	40005.2	L3	20	16	80
99	40005.2	L4	20	13	65
100	40005.2	L5	20	15	75
101	40005.3	L1	20	15	75
102	40005.3	L2	20	16	80
103	40005.3	L3	20	18	90
104	40005.3	L4	20	19	95
105	40005.3	L5	20	11	55
106	40006.1	L1	20	13	65
107	40006.1	L2	20	15	75
108	40006.1	L3	20	11	55
109	40006.1	L4	20	13	65
110	40006.1	L5	20	6	30
111	40006.2	L1	20	10	50
112	40006.2	L2	20	13	65
113	40006.2	L3	20	17	85
114	40006.2	L4	20	10	50
115	40006.2	L5	20	9	45
116	40006.3	L1	20	14	70
117	40006.3	L2	20	17	85
118	40006.3	L3	20	13	65
119	40006.3	L4	20	12	60
120	40006.3	L5	20	11	55

	Sites	Lab rep	# start	# surv	% survival
121	40032.1	L1	20	17	85
122	40032.1	L2	20	18	90
123	40032.1	L3	20	17	85
124	40032.1	L4	20	18	90
125	40032.1	L5	20	16	80
126	40032.2	L1	20	19	95
127	40032.2	L2	20	15	75
128	40032.2	L3	20	16	80
129	40032.2	L4	20	19	95
130	40032.2	L5	20	16	80
131	40032.3	L1	20	19	95
132	40032.3	L2	20	19	95
133	40032.3	L3	20	19	95
134	40032.3	L4	20	18	90
135	40032.3	L5	20	18	90
136	40033.1	L1	20	16	80
137	40033.1	L2	20	16	80
138	40033.1	L3	20	17	85
139	40033.1	L4	20	15	75
140	40033.1	L5	20	7	35
141	40033.2	L1	20	19	95
142	40033.2	L2	20	15	75
143	40033.2	L3	20	9	45
144	40033.2	L4	20	17	85
145	40033.2	L5	20	10	50
146	40033.3	L1	20	14	70
147	40033.3	L2	20	16	80
148	40033.3	L3	20	11	55
149	40033.3	L4	20	8	40
150	40033.3	L5	20	16	80

Amphipod Laboratory Replicate Data - Leg 2

LA HARBOR — AMPELISCID SEDIMENT TEST

	Sites	Lab rep	# start	# surv	% survival
1	40008.1	L1	20	19	95
2	40008.1	L2	20	18	90
3	40008.1	L3	20	12	60
4	40008.1	L4	20	13	65
5	40008.1	L5	20	18	90
6	40008.2	L1	20	16	80
7	40008.2	L2	20	15	75
8	40008.2	L3	20	12	60
9	40008.2	L4	20	18	90
10	40008.2	L5	20	17	85
11	40008.3	L1	20	13	65
12	40008.3	L2	20	15	75
13	40008.3	L3	20	14	70
14	40008.3	L4	20	17	85
15	40008.3	L5	20	17	85
16	40009.1	L1	20	16	80
17	40009.1	L2	20	17	85
18	40009.1	L3	20	18	90
19	40009.1	L4	20	18	90
20	40009.1	L5	20	19	95
21	40009.2	L1	20	17	85
22	40009.2	L2	20	16	80
23	40009.2	L3	20	16	80
24	40009.2	L4	20	16	80
25	40009.2	L5	20	16	80
26	40009.3	L1	20	16	80
27	40009.3	L2	20	18	90
28	40009.3	L3	20	17	85
29	40009.3	L4	20	17	85
30	40009.3	L5	20	19	95
31	40010.1	L1	20	19	95
32	40010.1	L2	20	19	95
33	40010.1	L3	20	16	80
34	40010.1	L4	20	20	100
35	40010.1	L5	20	18	90
36	40010.2	L1	20	18	90
37	40010.2	L2	22	22	100
38	40010.2	L3	20	17	85
39	40010.2	L4	20	15	75
40	40010.2	L5	20	18	90

	Sites	Lab rep	# start	# surv	% survival
41	40010.3	L1	20	20	100
42	40010.3	L2	20	15	75
43	40010.3	L3	20	19	95
44	40010.3	L4	20	19	95
45	40010.3	L5	20	18	90
46	home rep1	L1	20	20	100
47	home rep1	L2	20	17	85
48	home rep1	L3	20	18	90
49	home rep1	L4	20	19	95
50	home rep1	L5	20	20	100
51	home rep2	L1	20	18	90
52	home rep2	L2	20	19	95
53	home rep2	L3	20	19	95
54	home rep2	L4	20	18	90
55	home rep2	L5	20	18	90
56	home rep3	L1	20	18	90
57	home rep3	L2	20	19	95
58	home rep3	L3	20	20	100
59	home rep3	L4	20	18	90
60	home rep3	L5	20	20	100
61	40012.1	L1	20	14	70
62	40012.1	L2	20	13	65
63	40012.1	L3	20	20	100
64	40012.1	L4	20	16	80
65	40012.1	L5	20	14	70
66	40012.2	L1	20	12	60
67	40012.2	L2	20	16	80
68	40012.2	L3	20	17	85
69	40012.2	L4	20	19	95
70	40012.2	L5	20	14	70
71	40012.3	L1	20	13	65
72	40012.3	L2	20	15	75
73	40012.3	L3	20	9	45
74	40012.3	L4	20	18	90
75	40012.3	L5	20	14	70
76	40015.1	L1	20	17	85
77	40015.1	L2	20	15	75
78	40015.1	L3	20	•	•
79	40015.1	L4	20	17	85
80	40015.1	L5	20	17	85

	Sites	Lab rep	# start	# surv	% survival
81	40015.2	L1	20	19	95
82	40015.2	L2	20	17	85
83	40015.2	L3	20	16	80
84	40015.2	L4	20	16	80
85	40015.2	L5	20	15	75
86	40015.3	L1	20	16	80
87	40015.3	L2	20	20	100
88	40015.3	L3	20	19	95
89	40015.3	L4	20	18	90
90	40015.3	L5	20	19	95
91	40016.1	L1	20	14	70
92	40016.1	L2	20	14	70
93	40016.1	L3	20	13	65
94	40016.1	L4	20	15	75
95	40016.1	L5	20	16	80
96	40016.2	L1	20	16	80
97	40016.2	L2	20	20	100
98	40016.2	L3	20	16	80
99	40016.2	L4	20	18	90
100	40016.2	L5	20	18	90
101	40016.3	L1	20	17	85
102	40016.3	L2	20	15	75
103	40016.3	L3	20	18	90
104	40016.3	L4	20	18	90
105	40016.3	L5	20	12	60
106	40030.1	L1	20	18	90
107	40030.1	L2	20	18	90
108	40030.1	L3	20	18	90
109	40030.1	L4	20	17	85
110	40030.1	L5	20	19	95
111	40030.2	L1	20	19	95
112	40030.2	L2	20	20	100
113	40030.2	L3	21	21	100
114	40030.2	L4	20	18	90
115	40030.2	L5	20	17	85
116	40030.3	L1	20	19	95
117	40030.3	L2	20	17	85
118	40030.3	L3	22	22	100
119	40030.3	L4	20	19	95
120	40030.3	L5	20	20	100

	Sites	Lab rep	# start	# surv	% survival
121	40019.1	L1	20	17	85
122	40019.1	L2	22	22	100
123	40019.1	L3	22	22	100
124	40019.1	L4	20	11	55
125	40019.1	L5	20	15	75
126	40019.2	L1	20	14	70
127	40019.2	L2	20	15	75
128	40019.2	L3	20	14	70
129	40019.2	L4	20	16	80
130	40019.2	L5	20	14	70
131	40019.3	L1	20	12	60
132	40019.3	L2	20	6	30
133	40019.3	L3	20	11	55
134	40019.3	L4	20	8	40
135	40019.3	L5	20	17	85
136	40032.1	L1	20	18	90
137	40032.1	L2	20	20	100
138	40032.1	L3	20	18	90
139	40032.1	L4	20	18	90
140	40032.1	L5	20	20	100
141	40032.2	L1	20	19	95
142	40032.2	L2	20	17	85
143	40032.2	L3	20	19	95
144	40032.2	L4	20	20	100
145	40032.2	L5	20	19	95
146	40032.3	L1	20	13	65
147	40032.3	L2	20	15	75
148	40032.3	L3	20	19	95
149	40032.3	L4	20	20	100
150	40032.3	L5	20	19	95

Amphipod Laboratory Replicate Data Leg 3

	Sites	Lab rep	# start	# surv	% survival
1	40017.1	L1	20	18	90
2	40017.1	L2	20	13	65
3	40017.1	L3	20	15	75
4	40017.1	L4	20	13	65
5	40017.1	L5	20	17	85
6	40017.2	L1	20	17	85
7	40017.2	L2	20	13	65
8	40017.2	L3	20	17	85
9	40017.2	L4	20	17	85
10	40017.2	L5	20	18	90
11	40017.3	L1	20	18	90
12	40017.3	L2	20	18	90
13	40017.3	L3	20	20	100
14	40017.3	L4	20	16	80
15	40017.3	L5	20	16	80
16	40011.1	L1	20	16	80
17	40011.1	L2	20	19	95
18	40011.1	L3	20	19	95
19	40011.1	L4	20	12	60
20	40011.1	L5	20	19	95
21	40011.2	L1	20	17	85
22	40011.2	L2	20	15	75
23	40011.2	L3	20	20	100
24	40011.2	L4	20	18	90
25	40011.2	L5	20	14	70
26	40011.3	L1	20	17	85
27	40011.3	L2	20	16	80
28	40011.3	L3	20	15	75
29	40011.3	L4	20	18	90
30	40011.3	L5	20	16	80
31	40007.1	L1	20	17	85
32	40007.1	L2	20	16	80
33	40007.1	L3	20	18	90
34	40007.1	L4	20	13	65
35	40007.1	L5	20	18	90
36	40007.2	L1	20	18	90
37	40007.2	L2	20	14	70
38	40007.2	L3	20	17	85
39	40007.2	L4	20	20	100
40	40007.2	L5	20	19	95

	Sites	Lab rep	# start	# surv	% survival
41	40007.3	L1	20	20	100
42	40007.3	L2	20	16	80
43	40007.3	L3	20	15	75
44	40007.3	L4	20	15	75
45	40007.3	L5	20	12	60
46	40014.1	L1	20	13	70
47	40014.1	L2	20	14	70
48	40014.1	L3	20	16	80
49	40014.1	L4	20	15	75
50	40014.1	L5	20	19	95
51	40014.2	L1	20	15	75
52	40014.2	L2	20	20	100
53	40014.2	L3	20	17	85
54	40014.2	L4	20	12	60
55	40014.2	L5	20	16	80
56	40014.3	L1	20	15	75
57	40014.3	L2	20	0	0
58	40014.3	L3	20	18	90
59	40014.3	L4	20	16	80
60	40014.3	L5	20	15	75
61	40013.1	L1	20	17	85
62	40013.1	L2	20	18	90
63	40013.1	L3	20	12	60
64	40013.1	L4	20	18	90
65	40013.1	L5	20	18	90
66	40013.2	L1	20	16	80
67	40013.2	L2	20	18	90
68	40013.2	L3	20	15	75
69	40013.2	L4	20	17	85
70	40013.2	L5	20	18	90
71	40013.3	L1	20	15	75
72	40013.3	L2	20	16	80
73	40013.3	L3	20	20	100
74	40013.3	L4	20	15	75
75	40013.3	L5	20	15	75
76	40020.1	L1	20	15	75
77	40020.1	L2	20	15	75
78	40020.1	L3	20	18	90
79	40020.1	L4	20	18	90
80	40020.1	L5	20	17	85

	Sites	Lab rep	# start	# surv	% survival
81	40020.2	L1	20	16	80
82	40020.2	L2	20	20	100
83	40020.2	L3	20	20	100
84	40020.2	L4	20	20	100
85	40020.2	L5	20	16	80
86	40020.3	L1	20	16	80
87	40020.3	L2	20	14	70
88	40020.3	L3	20	17	85
89	40020.3	L4	20	19	95
90	40020.3	L5	20	18	90
91	40031.1	L1	20	17	85
92	40031.1	L2	20	18	90
93	40031.1	L3	20	17	85
94	40031.1	L4	20	15	75
95	40031.1	L5	20	19	95
96	40031.2	L1	20	17	85
97	40031.2	L2	20	17	85
98	40031.2	L3	20	20	100
99	40031.2	L4	20	19	95
100	40031.2	L5	20	20	100
101	40031.3	L1	20	19	95
102	40031.3	L2	20	19	95
103	40031.3	L3	20	19	95
104	40031.3	L4	20	20	100
105	40031.3	L5	20	19	95
106	30035.1	L1	20	15	75
107	30035.1	L2	20	16	80
108	30035.1	L3	20	16	80
109	30035.1	L4	20	16	80
110	30035.1	L5	20	15	75
111	30035.2	L1	20	15	75
112	30035.2	L2	20	16	80
113	30035.2	L3	20	12	60
114	30035.2	L4	20	15	75
115	30035.2	L5	20	17	85
116	30035.3	L1	20	14	70
117	30035.3	L2	20	13	65
118	30035.3	L3	20	17	85
119	30035.3	L4	20	13	65
120	30035.3	L5	20	17	85

	Sites	Lab rep	# start	# surv	% survival
121	home rep1	L1	20	18	90
122	home rep1	L2	20	20	100
123	home rep1	L3	20	20	100
124	home rep1	L4	20	19	95
125	home rep1	L5	20	17	85
126	home rep2	L1	20	18	90
127	home rep2	L2	20	20	100
128	home rep2	L3	20	18	90
129	home rep2	L4	20	17	85
130	home rep2	L5	20	18	90
131	home rep3	L1	20	17	85
132	home rep3	L2	20	20	100
133	home rep3	L3	20	20	100
134	home rep3	L4	20	18	90
135	home rep3	L5	20	19	95
136	40018.1	L1	20	14	70
137	40018.1	L2	20	10	50
138	40018.1	L3	20	15	75
139	40018.1	L4	20	11	55
140	40018.1	L5	20	17	85
141	40018.2	L1	20	17	85
142	40018.2	L2	20	16	80
143	40018.2	L3	20	16	80
144	40018.2	L4	20	18	90
145	40018.2	L5	20	12	60
146	40018.3	L1	20	19	95
147	40018.3	L2	20	19	95
148	40018.3	L3	20	17	85
149	40018.3	L4	20	19	95
150	40018.3	L5	20	19	95

Amphipod Laboratory Replicate Data - Leg 4

	Sites	Lab rep	# start	# alive	% survival
1	40021.1	L1	20	17	85
2	40021.1	L2	20	17	85
3	40021.1	L3	20	12	60
4	40021.1	L4	20	13	65
5	40021.1	L5	20	16	80
6	40021.2	L1	20	17	85
7	40021.2	L2	20	15	75
8	40021.2	L3	20	10	50
9	40021.2	L4	20	17	85
10	40021.2	L5	20	18	90
11	40021.3	L1	20	15	75
12	40021.3	L2	20	13	65
13	40021.3	L3	20	14	70
14	40021.3	L4	20	18	90
15	40021.3	L5	20	11	55
16	40021.4	L1	20	18	90
17	40021.4	L2	20	18	90
18	40021.4	L3	20	20	100
19	40021.4	L4	20	18	90
20	40021.4	L5	20	19	95
21	40022.1	L1	20	18	90
22	40022.1	L2	20	19	95
23	40022.1	L3	20	18	90
24	40022.1	L4	20	18	90
25	40022.1	L5	20	19	95
26	40022.2	L1	20	20	100
27	40022.2	L2	20	19	95
28	40022.2	L3	20	19	95
29	40022.2	L4	20	18	90
30	40022.2	L5	20	16	80
31	40022.3	L1	20	16	80
32	40022.3	L2	20	17	85
33	40022.3	L3	20	14	70
34	40022.3	L4	20	18	90
35	40022.3	L5	20	16	80
36	40023.1	L1	20	18	90
37	40023.1	L2	20	10	50
38	40023.1	L3	20	18	90
39	40023.1	L4	20	16	80
40	40023.1	L5	20	19	95

	Sites	Lab rep	# start	# alive	% survival
41	40023.2	L1	20	19	95
42	40023.2	L2	20	14	70
43	40023.2	L3	20	15	75
44	40023.2	L4	20	18	90
45	40023.2	L5	20	13	65
46	40023.3	L1	20	16	80
47	40023.3	L2	20	20	100
48	40023.3	L3	20	19	95
49	40023.3	L4	20	16	80
50	40023.3	L5	20	20	100
51	80024.1	L1	20	17	85
52	80024.1	L2	20	17	85
53	80024.1	L3	20	19	95
54	80024.1	L4	20	17	85
55	80024.1	L5	20	17	85
56	80024.2	L1	20	17	85
57	80024.2	L2	20	14	70
58	80024.2	L3	20	18	90
59	80024.2	L4	20	18	90
60	80024.2	L5	20	17	85
61	80024.3	L1	20	18	90
62	80024.3	L2	20	17	85
63	80024.3	L3	20	20	100
64	80024.3	L4	20	13	65
65	80024.3	L5	20	14	70
66	80026.1	L1	20	16	80
67	80026.1	L2	20	19	95
68	80026.1	L3	20	18	90
69	80026.1	L4	20	18	90
70	80026.1	L5	20	15	75
71	80026.2	L1	20	19	95
72	80026.2	L2	20	17	85
73	80026.2	L3	20	18	90
74	80026.2	L4	20	18	90
75	80026.2	L5	20	20	100
76	80026.3	L1	20	15	75
77	80026.3	L2	20	16	80
78	80026.3	L3	20	19	95
79	80026.3	L4	20	16	80
80	80026.3	L5	20	16	80

	Sites	Lab rep	# start	# alive	% survival
81	40010.4	L1	20	18	90
82	40010.4	L2	20	20	100
83	40010.4	L3	20	18	90
84	40010.4	L4	20	13	65
85	40010.4	L5	20	20	100
86	40010.5	L1	20	19	95
87	40010.5	L2	20	19	95
88	40010.5	L3	20	17	85
89	40010.5	L4	20	17	85
90	40010.5	L5	20	17	85
91	40010.6	L1	20	17	85
92	40010.6	L2	20	17	85
93	40010.6	L3	20	18	90
94	40010.6	L4	20	17	85
95	40010.6	L5	20	15	75
96	80027.1	L1	20	12	60
97	80027.1	L2	20	13	65
98	80027.1	L3	20	11	55
99	80027.1	L4	20	16	80
100	80027.1	L5	20	12	60
101	80027.2	L1	20	14	70
102	80027.2	L2	20	17	85
103	80027.2	L3	20	10	50
104	80027.2	L4	20	14	70
105	80027.2	L5	20	12	60
106	80027.3	L1	20	9	45
107	80027.3	L2	20	10	50
108	80027.3	L3	20	5	25
109	80027.3	L4	20	16	80
110	80027.3	L5	20	4	20
111	80028.1	L1	20	16	80
112	80028.1	L2	20	14	70
113	80028.1	L3	20	18	90
114	80028.1	L4	20	11	55
115	80028.1	L5	20	14	70
116	80028.2	L1	20	12	60
117	80028.2	L2	20	11	55
118	80028.2	L3	20	15	75
119	80028.2	L4	20	16	80
120	80028.2	L5	20	19	95

	Sites	Lab rep	# start	# alive	% survival
121	80028.3	L1	20	12	60
122	80028.3	L2	20	9	45
123	80028.3	L3	20	13	65
124	80028.3	L4	20	12	60
125	80028.3	L5	20	6	30
126	home rep1	L1	20	20	100
127	home rep1	L2	20	20	100
128	home rep1	L3	20	17	85
129	home rep1	L4	20	18	90
130	home rep1	L5	20	20	100
131	home rep2	L1	20	17	85
132	home rep2	L2	20	19	95
133	home rep2	L3	21	21	100
134	home rep2	L4	20	19	95
135	home rep2	L5	20	20	100
136	home rep3	L1	21	21	100
137	home rep3	L2	20	18	90
138	home rep3	L3	20	20	100
139	home rep3	L4	20	17	85
140	home rep3	L5	20	20	100
141	30035.4	L1	20	17	85
142	30035.4	L2	20	17	85
143	30035.4	L3	20	18	90
144	30035.4	L4	20	14	70
145	30035.4	L5	20	16	80
146	30035.5	L1	20	10	50
147	30035.5	L2	20	16	80
148	30035.5	L3	20	9	45
149	30035.5	L4	20	15	75
150	30035.5	L5	20	17	85
151	30035.6	L1	20	15	75
152	30035.6	L2	20	16	80
153	30035.6	L3	20	18	90
154	30035.6	L4	20	13	65
155	30035.6	L5	20	17	85

Amphipod Laboratory Replicate Data - Leg 5

	Site	# start	# surv	% survival
1	home rep 1	20	19	95
2	home rep 1	20	20	100
3	home rep 1	20	20	100
4	home rep 1	20	19	95
5	home rep 1	20	20	100
6	home rep 2	20	18	90
7	home rep 2	20	17	85
8	home rep 2	20	20	100
9	home rep 2	20	18	90
10	home rep 2	20	17	85
11	home rep 3	20	20	100
12	home rep 3	20	19	95
13	home rep 3	20	18	90
14	home rep 3	20	19	95
15	home rep 3	20	17	85
16	80025.2	20	13	65
17	80025.1	20	14	70
18	80025.1	20	13	65
19	80025.1	20	16	80
20	80025.1	20	12	60
21	80025.1	20	10	50
22	80025.2	20	17	85
23	80025.2	20	17	85
24	80025.2	20	18	90
25	80025.2	20	15	75
26	80025.3	20	13	65
27	80025.3	20	13	65
28	80025.3	20	17	85
29	80025.3	20	17	85
30	80025.3	20	15	75

Amphipod Water Quality Data

BPTCP LA HARBOR LEGS 1-5 AMPHIPOD AND ABALONE WATER QUALITY DATA

LEG 1 RHEPOXYNIUS TESTS

Site code	Total NH3 at test end (mg/L)	pH at test end	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40001.1	0.06	8.08	0.00	7.57	8.89		
40001.2	0.06	8.06	0.00	7.63	8.87		
40001.3	0.07	8.03	0.00	7.73	9.10		
40002.1	0.08	8.07	0.00				
40002.2	0.08	8.05	0.00			29	32
40002.3	0.08	8.10	0.00	7.62	8.50	29	32
40003.1	0.97	8.11	0.03				
40003.2	0.21	8.14	0.01	7.63	8.78		
40003.3	0.20	8.11	0.01				
40004.1	0.45	8.04	0.01				
40004.2	0.39	8.03	0.01				
40004.3	0.10	8.10	0.00			29	32
40005.1	no data	8.13	no data				
40005.2	1.10	8.16	0.04			29	32
40005.3	0.24	8.28	0.01				
40006.1	0.96	8.49	0.07			29	33
40006.2	7.40	8.48	0.56			29	32
40006.3	1.60	8.13	0.05				
40032.1	0.24	8.03	0.01				
40032.2	0.34	8.26	0.02			29	32
40032.3	0.43	8.22	0.02			29	32
40033.1	1.30	8.09	0.04				
40033.2	0.53	8.04	0.01			29	32
40033.3	0.17	8.14	0.01			29	32
30034.1	0.08	8.13	0.00	7.70	8.74	29	32
30034.2	0.19	8.09	0.01	7.65	8.93		
30034.3	0.07	8.12	0.00	7.76	8.93	29	32
30035.1	0.05	9.07	0.01	7.70	8.70	29	32
30035.2	0.16	9.58	0.14				
Home rep.1	0.04	9.27	0.02	7.62	8.68	29	32
Home rep. 2	0.15	8.44	0.01				
Home rep. 3	0.13	8.97	0.03				

LEG 2

RHEPOXYNIUS TESTS

Site code	Total NH3 at test end (mg/L)	pH at test end	Unionized NH3 (mg/L)	Dissolved Oxygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40008.1	0.30	8.28	0.01				
40008.2	0.20	7.99	0.00				
40008.3	0.40	8.00	0.01			30	32
40009.1	0.10	8.12	0.00			30	33
40009.2	0.10	8.02	0.00			30	32
40009.3	0.10	7.95	0.00				
40010.1	0.20	8.03	0.01				
40010.2	0.20	8.13	0.01			30	32
40010.3	0.20	8.17	0.01			30	32
40012.1	0.20	8.00	0.01				
40012.2	0.10	8.00	0.00				
40012.3	0.10	8.09	0.00			30	32
40015.1	0.30	8.17	0.01			30	33
40015.2	0.10	7.94	0.00			29	33
40015.3	0.40	7.99	0.01			29	33
40016.1	0.00	7.97	0.00				
40016.2	0.10	8.06	0.00			30	32
40016.3	0.10	7.98	0.00				
40019.1	2.50	8.26	0.11				
40019.2	0.00	8.03	0.00				
40019.3	0.00	8.31	0.00				
40030.1	2.50	8.22	0.10			29	32
40030.2	2.00	8.09	0.06				
40030.3	2.00	8.27	0.09				
40032.1	0.10	8.17	0.00				
40032.2	0.40	8.25	0.02				
40032.3	0.20	8.14	0.01				
Home rep.1	0.09	8.07	0.00	6.98	8.61	30	32
Home rep. 2	0.08	8.07	0.00	6.89	8.60		
Home rep. 3	0.07	8.02	0.00				

LEG 3 **RHEPOXYNIUS TESTS**

Site code	Total NH3 at test end (mg/L)	pH at test end	Unionized NH3 (mg/L)	Dissolved Oxygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40007.1	no data	7.94	no data				
40007.2	no data	7.91	no data				
40007.3	0.00	7.92	0.00				
40011.1	0.20	8.03	0.01			29	32
40011.2	no data	7.98	no data				
40011.3	no data	8.20	no data				
40013.1	1.00	8.14	0.03				
40013.2	1.00	8.11	0.03				
40013.3	2.00	8.04	0.06				
40014.1	0.20	8.19	0.01				
40014.2	0.30	8.38	0.02				
40014.3	3.00	8.36	0.17				
40017.1	0.80	8.02	0.02			28	32
40017.2	0.60	8.00	0.02				
40017.3	0.80	8.05	0.02				
40018.1	0.00	7.88	0.00				
40018.2	0.00	7.86	0.00				
40018.3	0.00	7.92	0.00				
40020.1	0.10	8.00	0.00				
40020.2	no data	7.96	no data				
40020.3	no data	7.90	no data				
40031.1	0.70	7.95	0.02				
40031.2	no data	7.93	no data				
40031.3	0.00	7.95	0.00				
30035.1	0.90	8.14	0.03				
30035.2	no data	8.31	no data				
30035.3	no data	8.11	no data				
Home rep.1	1.50	7.88	0.03				
Home rep. 2	0.10	7.89	0.00				
Home rep. 3	1.00	7.95	0.02				

LEG 4 RHEPOXYNIUS TESTS

Site code	Total NH3 at test end (mg/L)	pH at test end	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40010.4	8.02	8.19	0.31				
40010.5	0.30	7.91	0.01				
40010.6	0.19	7.89	0.00				
40021.1	0.91	8.00	0.02				
40021.2	1.37	8.00	0.03				
40021.3	0.92	7.96	0.02				
40022.1	3.53	8.01	0.09				
40022.2	0.25	8.02	0.01				
40022.3	0.10	8.05	0.00				
40023.1	5.08	8.02	0.13				
40023.2	3.50	8.15	0.12				
40023.3	3.42	8.09	0.11				
80024.1	0.38	7.92	0.01				
80024.2	0.34	7.93	0.01				
80024.3	0.37	7.94	0.01				
80024.4	0.37	7.86	0.01				
80026.1	7.64	8.10	0.24				
80026.2	3.08	8.03	0.08				
80026.3	3.98	8.10	0.13				
80027.1	2.51	7.88	0.05				
80027.2	6.09	8.03	0.17				
80027.3	3.94	7.87	0.07				
80028.1	5.53	7.99	0.14				
80028.2	5.70	8.00	0.14				
80028.3	7.95	8.10	0.25				
30035.4	1.24	8.30	0.06				
30035.5	1.90	8.22	0.08				
30035.6	1.29	7.72	0.02				
Travel contr	1.16	8.12	0.04				
Home rep. 1	0.13	7.75	0.00				
Home rep. 2	0.08	7.72	0.00				
Home rep. 3	0.09	7.83	0.00				

LEG 5

RHEPOXYNIUS TESTS

Site code	Total NH3 at test end (mg/L)	pH at test end	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
80025.1	1.90	8.37	0.11				
80025.2	1.80	8.62	0.19				
80025.3	2.70	8.50	0.21				
Home rep. 1	0.20	8.22	0.01				
Home rep. 2	0.10	8.12	0.00				
Home rep. 3	0.10	8.22	0.00				

Amphipod Test Ammonia Data

BPTC LA HARBOR AMMONIA SUMMARY (ppb)

STATION #	STATION	IDORG	LEG	UNIONIZED AMMONIA
30034.1	Monterey Bay-REF	100	1	2.7
30034.2	Monterey Bay-REF	101	1	5.9
30034.3	Monterey Bay-REF	102	1	2.3
40001.1	Southwest Slip	1	1	1.8
40001.2	Southwest Slip	2	1	1.7
40001.3	Southwest Slip	3	1	1.9
40002.1	West Basin, Pier 143	4	1	2.4
40002.2	West Basin, Pier 143	5	1	2.3
40002.3	West Basin, Pier 143	6	1	2.5
40003.1	Turning Basin, Pier 151	7	1	31.6
40003.2	Turning Basin, Pier 151	8	1	7.3
40003.3	Turning Basin, Pier 151	9	1	6.5
40004.1	Lower Main Channel	10	1	12.5
40004.2	Lower Main Channel	11	1	10.6
40004.3	Lower Main Channel	12	1	3.2
40005.1	East Basin,Turning Basin	13	1	-9.0
40005.2	East Basin,Turning Basin	14	1	40.1
40005.3	East Basin,Turning Basin	15	1	11.5
40006.1	Consolidated Slip	16	1	73.8
40006.2	Consolidated Slip	17	1	556.0
40006.3	Consolidated Slip	18	1	54.5
40032.1	San Pedro Bay, POLA 19	79	1	6.5
40032.2	San Pedro Bay, POLA 19	80	1	15.5
40032.3	San Pedro Bay, POLA 19	81	1	17.9
40033.1	Outer Harbor, POLA 10	82	1	40.4
40033.2	Outer Harbor, POLA 10	83	1	14.7
40033.3	Outer Harbor, POLA 10	84	1	5.9
40008.1	East Basin Pier C	22	2	14.3
40008.2	East Basin Pier C	23	2	5.0
40008.3	East Basin Pier C	24	2	10.2
40009.1	West Basin Entrance	25	2	3.3
40009.2	West Basin Entrance	26	2	2.7
40009.3	West Basin Entrance	27	2	2.3
40010.1	Off Cabrillo Beach	28	2	5.4
40010.2	Off Cabrillo Beach	29	2	6.8
40010.3	Off Cabrillo Beach	30	2	7.5
40012.1	Southeast Basin	34	2	5.1
40012.2	Southeast Basin	35	2	2.5
40012.3	Southeast Basin	36	2	3.1
40015.1	Fish Harbor Entrance	43	2	11.2
40015.2	Fish Harbor Entrance	44	2	2.2
40015.3	Fish Harbor Entrance	45	2	9.9
40016.1	Terminal Island STP	46	2	-9.0
40016.2	Terminal Island STP	47	2	2.9
40016.3	Terminal Island STP	48	2	2.4
40019.1	Inner Fish Harbor	55	2	114.2
40019.2	Inner Fish Harbor	56	2	-9.0
40019.3	Inner Fish Harbor	57	2	-9.0
40030.1	San Pedro Breakwater	73	2	104.3
40030.2	San Pedro Breakwater	74	2	62.2
40030.3	San Pedro Breakwater	75	2	93.5
40032.1	San Pedro Bay, POLA 19	103	2	3.7
40032.2	San Pedro Bay, POLA 19	104	2	17.9
40032.3	San Pedro Bay, POLA 19	105	2	7.0

* -5 = not detected
* -9 = not analyzed

BPTC LA HARBOR AMMONIA SUMMARY (ppb)

STATION #	STATION	IDORG	LEG	UNIONIZED AMMONIA
30035.1	Elkhorn Slough,Seal Point-REF	130	3	14.3
30035.2	Elkhorn Slough,Seal Point-REF	131	3	144.6
30035.3	Elkhorn Slough,Seal Point-REF	132	3	-9.0
40007.1	Long Beach Harbor (Channel2)	19	3	-9.0
40007.2	Long Beach Harbor (Channel2)	20	3	-9.0
40007.3	Long Beach Harbor (Channel2)	21	3	-9.0
40011.1	Inner Harbor (Channel 3)	31	3	5.4
40011.2	Inner Harbor (Channel 3)	32	3	-9.0
40011.3	Inner Harbor (Channel 3)	33	3	-9.0
40013.1	Inner Queensway Bay	37	3	34.8
40013.2	Inner Queensway Bay	38	3	32.5
40013.3	Inner Queensway Bay	39	3	55.6
40014.1	Outer Queensway Bay	40	3	7.8
40014.2	Outer Queensway Bay	41	3	18.0
40014.3	Outer Queensway Bay	42	3	171.8
40017.1	Long Beach Channel	49	3	21.2
40017.2	Long Beach Channel	50	3	15.2
40017.3	Long Beach Channel	51	3	22.7
40018.1	Long Beach Outer Harbor-18	52	3	-9.0
40018.2	Long Beach Outer Harbor-18	53	3	-9.0
40018.3	Long Beach Outer Harbor-18	54	3	-9.0
40020.1	Long Beach Outer Harbor-20	58	3	2.5
40020.2	Long Beach Outer Harbor-20	59	3	-9.0
40020.3	Long Beach Outer Harbor-20	60	3	-9.0
40031.1	Palos Verdes(Swartz 6)	76	3	15.9
40031.2	Palos Verdes(Swartz 6)	77	3	-9.0
40031.3	Palos Verdes(Swartz 6)	78	3	-9.0
30036.1	Elkhorn Slough,Seal Bend-REF	133	4	62.0
30036.2	Elkhorn Slough,Seal Bend-REF	134	4	79.3
30036.3	Elkhorn Slough,Seal Bend-REF	135	4	17.4
40010.1	Off Cabrillo Beach	136	4	312.7
40010.2	Off Cabrillo Beach	137	4	6.2
40010.3	Off Cabrillo Beach	138	4	3.8
40021.1	Alamitos Bay, Marine Stadium	61	4	23.1
40021.2	Alamitos Bay, Marine Stadium	62	4	34.8
40021.3	Alamitos Bay, Marine Stadium	63	4	21.3
40022.1	Alamitos Bay, Entrance	64	4	91.6
40022.2	Alamitos Bay, Entrance	65	4	6.6
40022.3	Alamitos Bay, Entrance	66	4	2.8
40023.1	Alamitos Bay, Long Beach Marina	67	4	134.9
40023.2	Alamitos Bay, Long Beach Marina	68	4	124.7
40023.3	Alamitos Bay, Long Beach Marina	69	4	106.4
80024.1	Anaheim Bay, Outer	85	4	8.0
80024.2	Anaheim Bay, Outer	86	4	7.4
80024.3	Anaheim Bay, Outer	87	4	8.2
80026.1	Huntington Harbor, Lower	91	4	243.1
80026.2	Huntington Harbor, Lower	92	4	83.1
80026.3	Huntington Harbor, Lower	93	4	126.6
80027.1	Huntington Harbor, Middle	94	4	48.6
80027.2	Huntington Harbor, Middle	95	4	165.4
80027.3	Huntington Harbor, Middle	96	4	74.5
80028.1	Huntington Harbor, Upper	97	4	137.2
80028.2	Huntington Harbor, Upper	98	4	144.6
80028.3	Huntington Harbor, Upper	99	4	252.9

* -8 = not detected
* -9 = not analyzed

Amphipod Reference Toxicant Data

Zinc sulfate reference toxicant test data for abalone pore water tests for sampling legs 1-5. Data are mean percent ± sd normal larvae.

Zn conc µg/L	LEG				
	1	2	3	4	5
0	94±3.6	96±2.3	91±1.8	98±1.8	94±2.1
18	94±3.0	97±2.3	91±3.5	95±1.7	97±1.8
32	78±23.7	94±4.4	90±4.4	96±2.8	96±1.2
56	82±9.1	17±0.7	46±16.6	79±13.6	23±14
100	-	-	-	-	0±0.0
LC 50	-	44	53	-	47

Cadmium chloride reference toxicant test data for amphipod sediment tests run on sampling legs 1-5. Data are mean percent amphipod survival ± sd.

Cd conc µg/L	LEG				
	1	2	3	4	5
0	93±2.9	85±10.0	90±13.2	85±8.7	92±2.9
500	64±16.2	75±18.0	57±20.8	53±20.2	60±5.0
1000	37±21.9	37±19	48±15.3	40±10.0	42±2.9
2000	9±16.5	13±15.3	10±5.0	8±5.8	18±7.6
4000	0±0.0	0±0.0	0±0.0	2±2.9	0±0.0
LC 50	716	801	813	665	734

APPENDIX E

Abalone Laboratory Replicate Data

Abalone Laboratory Replicate Data (100%) - Leg 1

LA HARBOR LEG 1 ABALONE 100 % PORE WATER TEST

	Site	Lab rep	# Abnormal	#Normal	% Normal
1	40005.1	L1	63	0	0
2	40005.1	L2	72	0	0
3	40005.1	L3	84	0	0
4	40005.2	L1	88	2	2
5	40005.2	L2	100	0	0
6	40005.2	L3	87	0	0
7	40005.3	L1	86	0	0
8	40005.3	L2	86	0	0
9	40005.3	L3	92	0	0
10	40006.1	L1	78	0	0
11	40006.1	L2	80	0	0
12	40006.1	L3	102	0	0
13	40006.2	L1	6	0	0
14	40006.2	L2	73	0	0
15	40006.2	L3	69	0	0
16	40006.3	L1	89	0	0
17	40006.3	L2	63	0	0
18	40006.3	L3	93	0	0
19	40033.1	L1	92	0	0
20	40033.1	L2	91	0	0
21	40033.1	L3	87	2	2
22	40033.2	L1	80	4	5
23	40033.2	L2	82	1	1
24	40033.2	L3	47	12	20
25	40033.3	L1	63	0	0
26	40033.3	L2	84	0	0
27	40033.3	L3	92	10	10
28	40032.1	L1	33	60	65
29	40032.1	L2	53	39	42
30	40032.1	L3	10	91	90
31	40032.2	L1	78	0	0
32	40032.2	L2	8	92	92
33	40032.2	L3	53	0	0
34	40032.3	L1	81	0	0
35	40032.3	L2	71	0	0
36	40032.3	L3	73	0	0
37	40001.1	L1	10	86	90
38	40001.1	L2	30	67	69
39	40001.1	L3	33	46	58
40	40001.2	L1	9	86	91

	Site	Lab rep	# Abnormal	#Normal	% Normal
41	40001.2	L2	22	76	78
42	40001.2	L3	21	67	76
43	40001.3	L1	94	1	1
44	40001.3	L2	89	0	0
45	40001.3	L3	91	1	1
46	40002.1	L1	69	0	0
47	40002.1	L2	76	0	0
48	40002.1	L3	72	0	0
49	40002.2	L1	91	0	0
50	40002.2	L2	99	0	0
51	40002.2	L3	50	0	0
52	40002.3	L1	95	0	0
53	40002.3	L2	78	0	0
54	40002.3	L3	69	0	0
55	40003.1	L1	96	0	0
56	40003.1	L2	92	0	0
57	40003.1	L3	123	0	0
58	40003.2	L1	84	4	5
59	40003.2	L2	79	0	0
60	40003.2	L3	88	0	0
61	40003.3	L1	96	2	2
62	40003.3	L2	32	68	68
63	40003.3	L3	102	0	0
64	40004.1	L1	86	1	1
65	40004.1	L2	40	6	13
66	40004.1	L3	35	63	64
67	40004.2	L1	15	90	86
68	40004.2	L2	66	35	35
69	40004.2	L3	12	80	87
70	40004.3	L1	3	71	96
71	40004.3	L2	5	80	94
72	40004.3	L3	35	30	46
73	30034.1	L1	5	0	0
74	30034.1	L2	46	0	0
75	30034.1	L3	64	0	0
76	30034.2	L1	154	0	0
77	30034.2	L2	67	0	0
78	30034.2	L3	88	0	0
79	30034.3	L1	76	0	0
80	30034.3	L2	78	0	0

	Site	Lab rep	# Abnormal	#Normal	% Normal
81	30034.3	L3	88	0	0

Abalone Laboratory Replicate Data (100%) - Leg 2

LA HARBOR LEG 2 ABALONE 100 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40008.1	L1	7	123	95
2	40008.1	L2	9	106	92
3	40008.1	L3	7	88	93
4	40008.2	L1	106	4	4
5	40008.2	L2	115	0	0
6	40008.2	L3	99	5	5
7	40008.3	L1	118	0	0
8	40008.3	L2	121	0	0
9	40008.3	L3	103	0	0
10	40009.1	L1	103	1	1
11	40009.1	L2	88	2	2
12	40009.1	L3	108	0	0
13	40009.2	L1	88	0	0
14	40009.2	L2	117	0	0
15	40009.2	L3	118	0	0
16	40009.3	L1	118	0	0
17	40009.3	L2	111	0	0
18	40009.3	L3	118	0	0
19	40010.1	L1	11	88	89
20	40010.1	L2	7	106	94
21	40010.1	L3	6	122	95
22	40010.2	L1	8	98	92
23	40010.2	L2	7	95	93
24	40010.2	L3	6	141	96
25	40010.3	L1	8	104	93
26	40010.3	L2	3	116	97
27	40010.3	L3	3	81	96
28	40012.1	L1	104	3	3
29	40012.1	L2	106	1	1
30	40012.1	L3	38	76	67
31	40012.2	L1	4	103	96
32	40012.2	L2	9	103	92
33	40012.2	L3	6	109	95
34	40012.3	L1	113	1	1
35	40012.3	L2	110	0	0
36	40012.3	L3	95	26	21
37	40015.1	L1	35	72	67
38	40015.1	L2	84	26	24
39	40015.1	L3	36	61	63
40	40015.2	L1	74	25	25

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	40015.2	L2	107	27	20
42	40015.2	L3	33	48	59
43	40015.3	L1	81	19	19
44	40015.3	L2	111	0	0
45	40015.3	L3	77	9	10
46	40016.1	L1	14	113	89
47	40016.1	L2	9	101	92
48	40016.1	L3	6	95	94
49	40016.2	L1	8	90	92
50	40016.2	L2	72	49	40
51	40016.2	L3	21	91	81
52	40016.3	L1	7	103	94
53	40016.3	L2	4	99	96
54	40016.3	L3	6	89	94
55	40030.1	L1	103	0	0
56	40030.1	L2	116	0	0
57	40030.1	L3	95	0	0
58	40030.2	L1	112	0	0
59	40030.2	L2	105	0	0
60	40030.2	L3	108	0	0
61	40030.3	L1	128	0	0
62	40030.3	L2	112	0	0
63	40030.3	L3	80	0	0
64	40019.1	L1	114	0	0
65	40019.1	L2	111	0	0
66	40019.1	L3	100	0	0
67	40019.2	L1	7	97	93
68	40019.2	L2	19	85	82
69	40019.2	L3	10	98	91
70	40019.3	L1	90	0	0
71	40019.3	L2	113	0	0
72	40019.3	L3	115	0	0
73	40032.1	L1	118	0	0
74	40032.1	L2	96	0	0
75	40032.1	L3	117	0	0
76	40032.2	L1	118	0	0
77	40032.2	L2	107	0	0
78	40032.2	L3	116	0	0
79	40032.3	L1	99	0	0
80	40032.3	L2	112	0	0

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	40032.3	L3	110	0	0

Abalone Laboratory Replicate Data (100%) - Leg 3

LA HARBOR LEG 3 ABALONE 100 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40007.1	L1	87	0	0
2	40007.1	L2	78	0	0
3	40007.1	L3	75	0	0
4	40007.2	L1	91	0	0
5	40007.2	L2	86	0	0
6	40007.2	L3	95	0	0
7	40007.3	L1	98	0	0
8	40007.3	L2	86	0	0
9	40007.3	L3	79	0	0
10	40011.1	L1	80	0	0
11	40011.1	L2	81	0	0
12	40011.1	L3	112	0	0
13	40011.2	L1	102	0	0
14	40011.2	L2	105	0	0
15	40011.2	L3	90	0	0
16	40011.3	L1	86	0	0
17	40011.3	L2	82	0	0
18	40011.3	L3	91	0	0
19	40013.1	L1	73	0	0
20	40013.1	L2	85	0	0
21	40013.1	L3	97	0	0
22	40013.2	L1	100	0	0
23	40013.2	L2	72	0	0
24	40013.2	L3	97	0	0
25	40013.3	L1	93	0	0
26	40013.3	L2	84	14	14
27	40013.3	L3	90	2	2
28	40014.1	L1	101	0	0
29	40014.1	L2	86	0	0
30	40014.1	L3	83	0	0
31	40014.2	L1	78	0	0
32	40014.2	L2	104	0	0
33	40014.2	L3	89	0	0
34	40014.3	L1	67	0	0
35	40014.3	L2	97	0	0
36	40014.3	L3	79	0	0
37	40017.1	L1	91	0	0
38	40017.1	L2	79	0	0
39	40017.1	L3	90	0	0
40	40017.2	L1	57	25	30

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	40017.2	L2	74	16	18
42	40017.2	L3	58	9	13
43	40017.3	L1	47	41	47
44	40017.3	L2	42	36	46
45	40017.3	L3	35	51	59
46	40018.1	L1	82	0	0
47	40018.1	L2	105	0	0
48	40018.1	L3	97	0	0
49	40018.2	L1	98	0	0
50	40018.2	L2	94	0	0
51	40018.2	L3	110	0	0
52	40018.3	L1	7	61	90
53	40018.3	L2	2	74	97
54	40018.3	L3	10	89	90
55	40020.1	L1	89	0	0
56	40020.1	L2	78	0	0
57	40020.1	L3	109	0	0
58	40020.2	L1	98	0	0
59	40020.2	L2	64	0	0
60	40020.2	L3	96	0	0
61	40020.3	L1	84	9	10
62	40020.3	L2	63	14	18
63	40020.3	L3	52	42	45
64	40031.1	L1	100	0	0
65	40031.1	L2	88	0	0
66	40031.1	L3	79	0	0
67	40031.2	L1	64	38	37
68	40031.2	L2	55	42	43
69	40031.2	L3	11	69	86
70	40031.3	L1	96	0	0
71	40031.3	L2	85	0	0
72	40031.3	L3	102	0	0
73	30035.1	L1	90	5	5
74	30035.1	L2	90	10	10
75	30035.1	L3	107	0	0
76	30035.2	L1	88	0	0
77	30035.2	L2	108	0	0
78	30035.2	L3	80	0	0
79	30035.3	L1	75	0	0
80	30035.3	L2	78	0	0

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	30035.3	L3	90	0	0

Abalone Laboratory Replicate Data (100%) - Leg 4

LA HARBOR LEG 4 ABALONE 100 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40021.1	L1	99	0	0
2	40021.1	L2	124	0	0
3	40021.1	L3	88	1	1
4	40021.2	L1	83	0	0
5	40021.2	L2	85	0	0
6	40021.2	L3	86	0	0
7	40021.3	L1	68	0	0
8	40021.3	L2	100	0	0
9	40021.3	L3	90	0	0
10	40022.1	L1	87	0	0
11	40022.1	L2	78	0	0
12	40022.1	L3	104	0	0
13	40022.2	L1	97	0	0
14	40022.2	L2	68	0	0
15	40022.2	L3	106	1	1
16	40022.3	L1	93	0	0
17	40022.3	L2	113	1	1
18	40022.3	L3	98	0	0
19	40023.1	L1	78	0	0
20	40023.1	L2	75	0	0
21	40023.1	L3	88	0	0
22	40023.2	L1	85	0	0
23	40023.2	L2	106	0	0
24	40023.2	L3	87	0	0
25	40023.3	L1	85	0	0
26	40023.3	L2	92	0	0
27	40023.3	L3	100	0	0
28	80024.1	L1	75	0	0
29	80024.1	L2	82	21	20
30	80024.1	L3	74	14	16
31	80024.2	L1	90	0	0
32	80024.2	L2	76	0	0
33	80024.2	L3	85	0	0
34	80024.3	L1	47	32	41
35	80024.3	L2	81	3	4
36	80024.3	L3	75	7	9
37	80024.4	L1	73	0	0
38	80024.4	L2	105	0	0
39	80024.4	L3	109	0	0
40	80026.1	L1	81	0	0

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	80026.1	L2	100	0	0
42	80026.1	L3	94	0	0
43	80026.2	L1	87	0	0
44	80026.2	L2	103	0	0
45	80026.2	L3	102	0	0
46	80026.3	L1	66	0	0
47	80026.3	L2	101	0	0
48	80026.3	L3	84	0	0
49	40010.4	L1	57	3	5
50	40010.4	L2	73	0	0
51	40010.4	L3	19	0	0
52	40010.5	L1	85	0	0
53	40010.5	L2	90	0	0
54	40010.5	L3	104	0	0
55	40010.6	L1	83	0	0
56	40010.6	L2	0	85	100
57	40010.6	L3	98	0	0
58	80027.1	L1	95	0	0
59	80027.1	L2	79	0	0
60	80027.1	L3	80	0	0
61	80027.2	L1	76	0	0
62	80027.2	L2	96	0	0
63	80027.2	L3	101	0	0
64	80027.3	L1	100	0	0
65	80027.3	L2	80	0	0
66	80027.3	L3	95	0	0
67	80028.1	L1	80	0	0
68	80028.1	L2	98	0	0
69	80028.1	L3	106	0	0
70	80028.2	L1	109	0	0
71	80028.2	L2	90	0	0
72	80028.2	L3	92	0	0
73	80028.3	L1	80	0	0
74	80028.3	L2	112	0	0
75	80028.3	L3	105	0	0
76	30035.4	L1	92	4	4
77	30035.4	L2	34	48	59
78	30035.4	L3	62	19	23
79	30035.5	L1	46	40	47
80	30035.5	L2	24	15	38

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	30035.5	L3	39	34	47
82	30035.6	L1	72	0	0
83	30035.6	L2	73	0	0
84	30035.6	L3	72	0	0

Abalone Laboratory Replicate Data (100%) - Leg 5

LA HARBOR LEG 5 ABALONE 100 % PORE WATER Test

	Site	Lab rep	#Abnormal	# Normal	% Normal
1	80025.1	L1	110	18	14
2	80025.1	L2	103	26	20
3	80025.1	L3	97	3	3
4	80025.2	L1	91	20	18
5	80025.2	L2	72	56	44
6	80025.2	L3	79	42	35
7	80025.3	L1	82	41	33
8	80025.3	L2	52	54	51
9	80025.3	L3	95	3	3

Abalone Laboratory Replicate Data (50%) - Leg 1

LA HARBOR LEG 1 ABALONE 50 % PORE WATER TEST

	Sites	lab rep	# Abnormal	# Normal	% Normal
1	40005.1	L1	10	53	84
2	40005.1	L2	45	32	42
3	40005.1	L3	82	0	0
4	40005.2	L1	13	96	88
5	40005.2	L2	5	72	94
6	40005.2	L3	17	91	84
7	40005.3	L1	30	28	48
8	40005.3	L2	19	35	65
9	40005.3	L3	50	48	49
10	40006.1	L1	6	62	91
11	40006.1	L2	6	100	94
12	40006.1	L3	16	94	85
13	40006.2	L1	98	0	0
14	40006.2	L2	87	0	0
15	40006.2	L3	94	0	0
16	40006.3	L1	98	2	2
17	40006.3	L2	69	0	0
18	40006.3	L3	89	0	0
19	40033.1	L1	92	0	0
20	40033.1	L2	112	0	0
21	40033.1	L3	70	0	0
22	40033.2	L1	3	101	97
23	40033.2	L2	14	92	87
24	40033.2	L3	21	65	76
25	40033.3	L1	11	79	88
26	40033.3	L2	1	96	99
27	40033.3	L3	5	81	94
28	40032.1	L1	14	89	86
29	40032.1	L2	5	95	95
30	40032.1	L3	12	90	88
31	40032.2	L1	62	48	44
32	40032.2	L2	73	4	5
33	40032.2	L3	106	0	0
34	40032.3	L1	66	20	23
35	40032.3	L2	72	6	8
36	40032.3	L3	79	13	14
37	40001.1	L1	8	104	93
38	40001.1	L2	3	59	95
39	40001.1	L3	2	17	89
40	40001.2	L1	4	101	96

	Sites	lab rep	# Abnormal	# Normal	% Normal
41	40001.2	L2	16	77	83
42	40001.2	L3	19	80	81
43	40001.3	L1	42	23	35
44	40001.3	L2	28	57	67
45	40001.3	L3	99	24	20
46	40002.1	L1	98	2	2
47	40002.1	L2	118	0	0
48	40002.1	L3	95	2	2
49	40002.2	L1	57	0	0
50	40002.2	L2	107	0	0
51	40002.2	L3	110	0	0
52	40002.3	L1	93	0	0
53	40002.3	L2	70	0	0
54	40002.3	L3	94	0	0
55	40003.1	L1	7	71	91
56	40003.1	L2	41	38	48
57	40003.1	L3	41	42	51
58	40003.2	L1	1	68	99
59	40003.2	L2	1	83	99
60	40003.2	L3	3	76	96
61	40003.3	L1	5	70	93
62	40003.3	L2	10	75	88
63	40003.3	L3	1	71	99
64	40004.1	L1	6	87	94
65	40004.1	L2	5	61	92
66	40004.1	L3	5	76	94
67	40004.2	L1	3	66	96
68	40004.2	L2	6	101	94
69	40004.2	L3	6	92	94
70	40004.3	L1	13	95	88
71	40004.3	L2	4	50	93
72	40004.3	L3	6	84	93
73	30034.1	L1	83	1	1
74	30034.1	L2	109	0	0
75	30034.1	L3	89	0	0
76	30034.2	L1	95	0	0
77	30034.2	L2	61	0	0
78	30034.2	L3	91	0	0
79	30034.3	L1	101	0	0
80	30034.3	L2	86	0	0

	Sites	lab rep	# Abnormal	# Normal	% Normal
81	30034.3	L3	112	0	0

Abalone Laboratory Replicate Data (50%) - Leg 2

LA HARBOR LEG 2 ABALONE 50 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40008.1	L1	117	0	0
2	40008.1	L2	112	1	1
3	40008.1	L3	120	0	0
4	40008.2	L1	6	112	95
5	40008.2	L2	8	99	93
6	40008.2	L3	2	109	98
7	40008.3	L1	11	88	89
8	40008.3	L2	6	115	95
9	40008.3	L3	5	110	96
10	40009.1	L1	6	95	94
11	40009.1	L2	5	90	95
12	40009.1	L3	3	99	97
13	40009.2	L1	2	112	98
14	40009.2	L2	7	98	93
15	40009.2	L3	5	108	96
16	40009.3	L1	3	109	97
17	40009.3	L2	4	100	96
18	40009.3	L3	3	95	97
19	40010.1	L1	3	114	97
20	40010.1	L2	5	96	95
21	40010.1	L3	3	91	97
22	40010.2	L1	0	107	100
23	40010.2	L2	5	108	96
24	40010.2	L3	6	105	95
25	40010.3	L1	7	107	94
26	40010.3	L2	8	98	92
27	40010.3	L3	9	115	93
28	40012.1	L1	7	106	94
29	40012.1	L2	10	88	90
30	40012.1	L3	1	94	99
31	40012.2	L1	3	107	97
32	40012.2	L2	5	123	96
33	40012.2	L3	3	97	97
34	40012.3	L1	9	107	92
35	40012.3	L2	89	4	4
36	40012.3	L3	10	102	91
37	40015.1	L1	4	86	96
38	40015.1	L2	0	105	100
39	40015.1	L3	2	115	98
40	40015.2	L1	5	128	96

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	40015.2	L2	5	115	96
42	40015.2	L3	4	87	96
43	40015.3	L1	4	106	96
44	40015.3	L2	4	96	96
45	40015.3	L3	6	112	95
46	40016.1	L1	4	101	96
47	40016.1	L2	2	93	98
48	40016.1	L3	1	90	99
49	40016.2	L1	3	112	97
50	40016.2	L2	5	116	96
51	40016.2	L3	3	110	97
52	40016.3	L1	4	110	96
53	40016.3	L2	4	102	96
54	40016.3	L3	3	102	97
55	40030.1	L1	73	0	0
56	40030.1	L2	99	0	0
57	40030.1	L3	116	0	0
58	40030.2	L1	55	60	52
59	40030.2	L2	61	30	33
60	40030.2	L3	37	56	60
61	40030.3	L1	71	32	31
62	40030.3	L2	33	70	68
63	40030.3	L3	22	85	79
64	40019.1	L1	131	0	0
65	40019.1	L2	105	0	0
66	40019.1	L3	108	0	0
67	40019.2	L1	7	110	94
68	40019.2	L2	3	105	97
69	40019.2	L3	4	103	96
70	40019.3	L1	117	0	0
71	40019.3	L2	92	0	0
72	40019.3	L3	128	0	0
73	40032.1	L1	106	0	0
74	40032.1	L2	83	37	31
75	40032.1	L3	95	2	2
76	40032.2	L1	107	0	0
77	40032.2	L2	92	0	0
78	40032.2	L3	45	67	60
79	40032.3	L1	110	0	0
80	40032.3	L2	97	0	0

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	40032.3	L3	105	0	0

Abalone Laboratory Replicate Data (50%) - Leg 3

LA HARBOR LEG 3 ABALONE 50 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40007.1	L1	10	67	87
2	40007.1	L2	6	82	93
3	40007.1	L3	6	107	95
4	40007.2	L1	104	0	0
5	40007.2	L2	81	1	1
6	40007.2	L3	101	0	0
7	40007.3	L1	101	0	0
8	40007.3	L2	81	0	0
9	40007.3	L3	91	1	1
10	40011.1	L1	13	87	87
11	40011.1	L2	19	58	75
12	40011.1	L3	31	53	63
13	40011.2	L1	79	0	0
14	40011.2	L2	63	0	0
15	40011.2	L3	86	0	0
16	40011.3	L1	82	0	0
17	40011.3	L2	109	0	0
18	40011.3	L3	86	0	0
19	40013.1	L1	8	68	89
20	40013.1	L2	11	101	90
21	40013.1	L3	12	93	89
22	40013.2	L1	12	83	87
23	40013.2	L2	13	73	85
24	40013.2	L3	8	65	89
25	40013.3	L1	6	79	93
26	40013.3	L2	7	66	90
27	40013.3	L3	12	78	87
28	40014.1	L1	6	76	93
29	40014.1	L2	12	82	87
30	40014.1	L3	2	82	98
31	40014.2	L1	95	0	0
32	40014.2	L2	86	0	0
33	40014.2	L3	90	0	0
34	40014.3	L1	9	92	91
35	40014.3	L2	5	98	95
36	40014.3	L3	12	68	85
37	40017.1	L1	17	78	82
38	40017.1	L2	29	60	67
39	40017.1	L3	29	59	67
40	40017.2	L1	16	59	79

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	40017.2	L2	6	88	94
42	40017.2	L3	12	90	88
43	40017.3	L1	8	80	91
44	40017.3	L2	10	78	89
45	40017.3	L3	9	93	91
46	40018.1	L1	23	69	75
47	40018.1	L2	5	78	94
48	40018.1	L3	7	77	92
49	40018.2	L1	96	0	0
50	40018.2	L2	90	3	3
51	40018.2	L3	96	0	0
52	40018.3	L1	5	83	94
53	40018.3	L2	7	66	90
54	40018.3	L3	9	77	90
55	40020.1	L1	93	0	0
56	40020.1	L2	68	16	19
57	40020.1	L3	106	0	0
58	40020.2	L1	80	9	10
59	40020.2	L2	77	14	15
60	40020.2	L3	63	14	18
61	40020.3	L1	11	81	88
62	40020.3	L2	8	67	89
63	40020.3	L3	11	86	89
64	40031.1	L1	10	91	90
65	40031.1	L2	11	96	90
66	40031.1	L3	15	81	84
67	40031.2	L1	6	92	94
68	40031.2	L2	10	63	86
69	40031.2	L3	8	79	91
70	40031.3	L1	24	68	74
71	40031.3	L2	25	60	71
72	40031.3	L3	25	63	72
73	30035.1	L1	16	75	82
74	30035.1	L2	21	81	79
75	30035.1	L3	21	88	81
76	30035.2	L1	79	0	0
77	30035.2	L2	86	0	0
78	30035.2	L3	100	0	0
79	30035.3	L1	10	70	88
80	30035.3	L2	16	58	78

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	30035.3	L3	22	73	77

Abalone Laboratory Replicate Data (50%) - Leg 4

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	80026.1	L2	85	0	0
42	80026.1	L3	84	0	0
43	80026.2	L1	68	0	0
44	80026.2	L2	36	0	0
45	80026.2	L3	98	0	0
46	80026.3	L1	91	0	0
47	80026.3	L2	86	0	0
48	80026.3	L3	95	0	0
49	40010.4	L1	96	2	2
50	40010.4	L2	91	3	3
51	40010.4	L3	67	1	1
52	40010.5	L1	91	0	0
53	40010.5	L2	63	2	3
54	40010.5	L3	94	0	0
55	40010.6	L1	50	6	11
56	40010.6	L2	82	6	7
57	40010.6	L3	77	3	4
58	80027.1	L1	102	0	0
59	80027.1	L2	98	0	0
60	80027.1	L3	86	0	0
61	80027.2	L1	85	0	0
62	80027.2	L2	106	0	0
63	80027.2	L3	86	0	0
64	80027.3	L1	83	0	0
65	80027.3	L2	83	0	0
66	80027.3	L3	85	0	0
67	80028.1	L1	80	0	0
68	80028.1	L2	81	0	0
69	80028.1	L3	78	0	0
70	80028.2	L1	86	0	0
71	80028.2	L2	75	0	0
72	80028.2	L3	93	1	1
73	80028.3	L1	56	7	11
74	80028.3	L2	67	0	0
75	80028.3	L3	90	0	0
76	30035.4	L1	3	85	97
77	30035.4	L2	10	83	89
78	30035.4	L3	1	80	99
79	30035.5	L1	3	82	96
80	30035.5	L2	1	98	99

LA HARBOR LEG 4 ABALONE 50 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40021.1	L1	72	17	19
2	40021.1	L2	66	10	13
3	40021.1	L3	75	10	12
4	40021.2	L1	95	4	4
5	40021.2	L2	87	3	3
6	40021.2	L3	102	2	2
7	40021.3	L1	83	8	9
8	40021.3	L2	89	15	14
9	40021.3	L3	81	1	1
10	40022.1	L1	40	59	60
11	40022.1	L2	50	36	42
12	40022.1	L3	31	50	62
13	40022.2	L1	101	0	0
14	40022.2	L2	90	0	0
15	40022.2	L3	85	0	0
16	40022.3	L1	59	9	13
17	40022.3	L2	•	•	•
18	40022.3	L3	86	0	0
19	40023.1	L1	95	0	0
20	40023.1	L2	83	6	7
21	40023.1	L3	69	0	0
22	40023.2	L1	79	0	0
23	40023.2	L2	88	0	0
24	40023.2	L3	90	0	0
25	40023.3	L1	83	0	0
26	40023.3	L2	94	0	0
27	40023.3	L3	80	0	0
28	80024.1	L1	1	70	99
29	80024.1	L2	1	74	99
30	80024.1	L3	4	106	96
31	80024.2	L1	4	75	95
32	80024.2	L2	1	87	99
33	80024.2	L3	1	96	99
34	80024.3	L1	1	88	99
35	80024.3	L2	1	90	99
36	80024.3	L3	0	96	100
37	80024.4	L1	63	6	9
38	80024.4	L2	34	51	60
39	80024.4	L3	61	13	18
40	80026.1	L1	111	0	0

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	30035.5	L3	6	68	92
82	30035.6	L1	2	60	97
83	30035.6	L2	1	90	99
84	30035.6	L3	1	76	99

Abalone Laboratory Replicate Data (50%) - Leg 5

LA HARBOR LEG 5 ABALONE 50 % PORE WATER TEST

	Site	Lab rep	#Abnormal	#Normal	% Normal
1	80025.1	L1	14	95	87
2	80025.1	L2	6	97	94
3	80025.1	L3	9	104	92
4	80025.2	L1	4	131	97
5	80025.2	L2	2	113	98
6	80025.2	L3	4	121	97
7	80025.3	L1	19	107	85
8	80025.3	L2	33	73	69
9	80025.3	L3	39	81	68

Abalone Laboratory Replicate Data (25%) - Leg 1

LA HARBOR LEG 1 ABALONE 25 % PORE WATER TEST

	Sites	Lab rep	# Abnormal	# Normal	% Normal
1	40005.1	L1	0	90	100
2	40005.1	L2	5	87	95
3	40005.1	L3	2	89	98
4	40005.2	L1	21	201	91
5	40005.2	L2	5	74	94
6	40005.2	L3	2	92	98
7	40005.3	L1	10	88	90
8	40005.3	L2	28	70	71
9	40005.3	L3	26	68	72
10	40006.1	L1	4	109	96
11	40006.1	L2	8	78	91
12	40006.1	L3	8	87	92
13	40006.2	L1	80	0	0
14	40006.2	L2	80	1	1
15	40006.2	L3	129	0	0
16	40006.3	L1	75	24	24
17	40006.3	L2	55	15	21
18	40006.3	L3	6	47	89
19	40033.1	L1	63	21	25
20	40033.1	L2	48	42	47
21	40033.1	L3	96	5	5
22	40033.2	L1	1	96	99
23	40033.2	L2	1	55	98
24	40033.2	L3	7	102	94
25	40033.3	L1	7	39	85
26	40033.3	L2	5	66	93
27	40033.3	L3	4	63	94
28	40032.1	L1	0	90	100
29	40032.1	L2	1	77	99
30	40032.1	L3	6	111	95
31	40032.2	L1	12	79	87
32	40032.2	L2	9	82	90
33	40032.2	L3	24	70	74
34	40032.3	L1	15	91	86
35	40032.3	L2	5	88	95
36	40032.3	L3	4	68	94
37	40001.1	L1	10	77	89
38	40001.1	L2	5	77	94
39	40001.1	L3	3	74	96
40	40001.2	L1	8	80	91

	Sites	Lab rep	# Abnormal	# Normal	% Normal
41	40001.2	L2	75	85	53
42	40001.2	L3	17	49	74
43	40001.3	L1	25	90	78
44	40001.3	L2	14	70	83
45	40001.3	L3	34	72	68
46	40002.1	L1	13	92	88
47	40002.1	L2	12	102	89
48	40002.1	L3	14	85	86
49	40002.2	L1	31	48	61
50	40002.2	L2	83	13	14
51	40002.2	L3	77	11	12
52	40002.3	L1	29	25	46
53	40002.3	L2	8	79	91
54	40002.3	L3	41	58	59
55	40003.1	L1	7	98	93
56	40003.1	L2	17	61	78
57	40003.1	L3	6	85	93
58	40003.2	L1	3	90	97
59	40003.2	L2	7	101	94
60	40003.2	L3	2	67	97
61	40003.3	L1	3	80	96
62	40003.3	L2	8	159	95
63	40003.3	L3	15	85	85
64	40004.1	L1	4	77	95
65	40004.1	L2	3	42	93
66	40004.1	L3	9	114	93
67	40004.2	L1	2	80	98
68	40004.2	L2	8	89	92
69	40004.2	L3	4	104	96
70	40004.3	L1	4	114	97
71	40004.3	L2	2	106	98
72	40004.3	L3	4	93	96
73	30034.1	L1	42	60	59
74	30034.1	L2	5	105	95
75	30034.1	L3	50	43	46
76	30034.2	L1	17	74	81
77	30034.2	L2	63	21	25
78	30034.2	L3	4	63	94
79	30034.3	L1	53	62	54
80	30034.3	L2	49	43	47

	Sites	Lab rep	# Abnormal	# Normal	% Normal
81	30034.3	L3	6	101	94

Abalone Laboratory Replicate Data (25%) - Leg 2

LA HARBOR LEG 2 ABALONE 25 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40008.1	L1	9	112	93
2	40008.1	L2	2	118	98
3	40008.1	L3	7	98	93
4	40008.2	L1	3	100	97
5	40008.2	L2	3	111	97
6	40008.2	L3	2	118	98
7	40008.3	L1	10	100	91
8	40008.3	L2	4	104	96
9	40008.3	L3	9	93	91
10	40009.1	L1	6	94	94
11	40009.1	L2	4	103	96
12	40009.1	L3	5	99	95
13	40009.2	L1	6	83	93
14	40009.2	L2	6	104	95
15	40009.2	L3	3	98	97
16	40009.3	L1	11	115	91
17	40009.3	L2	4	103	96
18	40009.3	L3	3	88	97
19	40010.1	L1	3	94	97
20	40010.1	L2	6	105	95
21	40010.1	L3	1	108	99
22	40010.2	L1	4	114	97
23	40010.2	L2	3	106	97
24	40010.2	L3	5	85	94
25	40010.3	L1	18	88	83
26	40010.3	L2	4	106	96
27	40010.3	L3	2	90	98
28	40012.1	L1	3	77	96
29	40012.1	L2	7	93	93
30	40012.1	L3	2	104	98
31	40012.2	L1	2	89	98
32	40012.2	L2	2	100	98
33	40012.2	L3	4	114	97
34	40012.3	L1	7	89	93
35	40012.3	L2	5	96	95
36	40012.3	L3	8	112	93
37	40015.1	L1	5	104	95
38	40015.1	L2	7	118	94
39	40015.1	L3	3	114	97
40	40015.2	L1	2	121	98

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	40015.2	L2	3	100	97
42	40015.2	L3	1	98	99
43	40015.3	L1	2	101	98
44	40015.3	L2	1	99	99
45	40015.3	L3	4	101	96
46	40016.1	L1	5	100	95
47	40016.1	L2	2	102	98
48	40016.1	L3	2	105	98
49	40016.2	L1	3	120	98
50	40016.2	L2	3	98	97
51	40016.2	L3	5	91	95
52	40016.3	L1	5	90	95
53	40016.3	L2	7	107	94
54	40016.3	L3	1	90	99
55	40030.1	L1	57	34	37
56	40030.1	L2	58	40	41
57	40030.1	L3	61	24	28
58	40030.2	L1	18	115	86
59	40030.2	L2	12	81	87
60	40030.2	L3	3	82	96
61	40030.3	L1	5	102	95
62	40030.3	L2	5	106	95
63	40030.3	L3	7	95	93
64	40019.1	L1	114	0	0
65	40019.1	L2	84	0	0
66	40019.1	L3	114	0	0
67	40019.2	L1	4	105	96
68	40019.2	L2	5	102	95
69	40019.2	L3	4	91	96
70	40019.3	L1	12	101	89
71	40019.3	L2	7	115	94
72	40019.3	L3	5	101	95
73	40032.1	L1	6	114	95
74	40032.1	L2	21	88	81
75	40032.1	L3	6	104	95
76	40032.2	L1	96	12	11
77	40032.2	L2	111	4	3
78	40032.2	L3	96	16	14
79	40032.3	L1	59	49	45
80	40032.3	L2	82	53	39

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	40032.3	L3	3	98	97

Abalone Laboratory Replicate Data (25%) - Leg 3

LA HARBOR LEG 3 ABALONE 25 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40007.1	L1	10	87	90
2	40007.1	L2	7	102	94
3	40007.1	L3	9	71	89
4	40007.2	L1	60	34	36
5	40007.2	L2	38	51	57
6	40007.2	L3	77	15	16
7	40007.3	L1	8	74	90
8	40007.3	L2	14	66	82
9	40007.3	L3	6	69	92
10	40011.1	L1	10	75	88
11	40011.1	L2	9	81	90
12	40011.1	L3	8	88	92
13	40011.2	L1	8	86	91
14	40011.2	L2	11	59	84
15	40011.2	L3	13	88	87
16	40011.3	L1	67	27	29
17	40011.3	L2	11	88	89
18	40011.3	L3	27	60	69
19	40013.1	L1	9	80	90
20	40013.1	L2	7	87	93
21	40013.1	L3	9	80	90
22	40013.2	L1	9	72	89
23	40013.2	L2	7	59	89
24	40013.2	L3	14	94	87
25	40013.3	L1	4	74	95
26	40013.3	L2	5	61	92
27	40013.3	L3	11	91	89
28	40014.1	L1	9	67	88
29	40014.1	L2	15	88	85
30	40014.1	L3	13	87	87
31	40014.2	L1	10	65	87
32	40014.2	L2	4	71	95
33	40014.2	L3	8	81	91
34	40014.3	L1	11	72	87
35	40014.3	L2	6	87	94
36	40014.3	L3	12	82	87
37	40017.1	L1	5	79	94
38	40017.1	L2	6	88	94
39	40017.1	L3	7	99	93
40	40017.2	L1	7	82	92

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	40017.2	L2	6	84	93
42	40017.2	L3	10	84	89
43	40017.3	L1	7	59	89
44	40017.3	L2	7	99	93
45	40017.3	L3	6	73	92
46	40018.1	L1	11	64	85
47	40018.1	L2	4	89	96
48	40018.1	L3	10	80	89
49	40018.2	L1	7	91	93
50	40018.2	L2	3	75	96
51	40018.2	L3	6	86	93
52	40018.3	L1	5	88	95
53	40018.3	L2	8	77	91
54	40018.3	L3	5	87	95
55	40020.1	L1	11	93	89
56	40020.1	L2	86	9	9
57	40020.1	L3	5	79	94
58	40020.2	L1	13	100	88
59	40020.2	L2	10	95	90
60	40020.2	L3	7	91	93
61	40020.3	L1	9	106	92
62	40020.3	L2	11	79	88
63	40020.3	L3	6	85	93
64	40031.1	L1	9	67	88
65	40031.1	L2	14	88	86
66	40031.1	L3	8	86	91
67	40031.2	L1	10	89	90
68	40031.2	L2	8	81	91
69	40031.2	L3	4	76	95
70	40031.3	L1	8	57	88
71	40031.3	L2	11	91	89
72	40031.3	L3	12	85	88
73	30035.1	L1	4	62	94
74	30035.1	L2	13	99	88
75	30035.1	L3	13	77	86
76	30035.2	L1	77	10	11
77	30035.2	L2	73	22	23
78	30035.2	L3	80	16	17
79	30035.3	L1	14	69	83
80	30035.3	L2	10	86	90

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	30035.3	L3	8	66	89

Abalone Laboratory Replicate Data (25%) - Leg 4

LA HARBOR LEG 4 ABALONE 25 % PORE WATER TEST

	Site	Lab Rep	# Abnormal	# Normal	% Normal
1	40021.1	L1	3	81	96
2	40021.1	L2	1	81	99
3	40021.1	L3	7	115	94
4	40021.2	L1	12	64	84
5	40021.2	L2	1	63	98
6	40021.2	L3	8	87	92
7	40021.3	L1	4	85	96
8	40021.3	L2	5	80	94
9	40021.3	L3	1	90	99
10	40022.1	L1	4	99	96
11	40022.1	L2	4	95	96
12	40022.1	L3	1	89	99
13	40022.2	L1	21	56	73
14	40022.2	L2	65	22	25
15	40022.2	L3	47	32	41
16	40022.3	L1	9	88	91
17	40022.3	L2	42	48	53
18	40022.3	L3	50	59	54
19	40023.1	L1	2	76	97
20	40023.1	L2	0	103	100
21	40023.1	L3	7	93	93
22	40023.2	L1	27	60	69
23	40023.2	L2	60	27	31
24	40023.2	L3	14	71	84
25	40023.3	L1	5	95	95
26	40023.3	L2	40	52	57
27	40023.3	L3	7	82	92
28	80024.1	L1	90	4	4
29	80024.1	L2	1	90	99
30	80024.1	L3	4	87	96
31	80024.2	L1	4	76	95
32	80024.2	L2	1	87	99
33	80024.2	L3	2	92	98
34	80024.3	L1	2	94	98
35	80024.3	L2	0	90	100
36	80024.3	L3	0	104	100
37	80024.4	L1	3	89	97
38	80024.4	L2	6	89	94
39	80024.4	L3	1	91	99
40	80026.1	L1	83	0	0

	Site	Lab Rep	# Abnormal	# Normal	% Normal
41	80026.1	L2	89	0	0
42	80026.1	L3	87	0	0
43	80026.2	L1	69	0	0
44	80026.2	L2	86	0	0
45	80026.2	L3	70	0	0
46	80026.3	L1	12	96	89
47	80026.3	L2	65	33	34
48	80026.3	L3	34	53	61
49	40010.4	L1	15	64	81
50	40010.4	L2	34	50	60
51	40010.4	L3	63	14	18
52	40010.5	L1	48	36	43
53	40010.5	L2	39	31	44
54	40010.5	L3	42	53	56
55	40010.6	L1	31	42	58
56	40010.6	L2	53	21	28
57	40010.6	L3	22	40	65
58	80027.1	L1	85	0	0
59	80027.1	L2	70	0	0
60	80027.1	L3	74	0	0
61	80027.2	L1	67	18	21
62	80027.2	L2	75	1	1
63	80027.2	L3	72	16	18
64	80027.3	L1	81	0	0
65	80027.3	L2	70	0	0
66	80027.3	L3	86	0	0
67	80028.1	L1	24	52	68
68	80028.1	L2	14	77	85
69	80028.1	L3	43	30	41
70	80028.2	L1	86	5	5
71	80028.2	L2	86	10	10
72	80028.2	L3	70	0	0
73	80028.3	L1	21	63	75
74	80028.3	L2	17	84	83
75	80028.3	L3	11	88	89
76	30035.4	L1	2	78	98
77	30035.4	L2	2	98	98
78	30035.4	L3	3	91	97
79	30035.5	L1	1	89	99
80	30035.5	L2	3	81	96

	Site	Lab Rep	# Abnormal	# Normal	% Normal
81	30035.5	L3	2	67	97
82	30035.6	L1	3	86	97
83	30035.6	L2	2	93	98
84	30035.6	L3	0	99	100

Abalone Laboratory Replicate Data (25%) - Leg 5

LA HARBOR LEG 5 ABALONE 25 % PORE WATER TEST

	Site	Lab rep	# Abnormal	# Normal	% Normal
1	80025.1	L1	0	104	100
2	80025.1	L2	2	121	98
3	80025.1	L3	9	114	93
4	80025.2	L1	2	121	98
5	80025.2	L2	5	123	96
6	80025.2	L3	6	125	95
7	80025.3	L1	6	115	95
8	80025.3	L2	3	121	98
9	80025.3	L3	3	87	97

Abalone Test Ammonia Data - 100% Pore Water

LEG 1 Pore water **ABALONE TESTS**

Site code	Total NH3 (highest) (mg/L)	pH (corresp. to highest NH3)	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40001.1	1.30	7.97	0.03	8.34	8.30		
40001.2	1.10	7.87	0.02	8.23	8.79		
40001.3	1.60	7.96	0.04	8.25	8.70		
40002.1	0.92	7.80	0.01	8.92	8.00		
40002.2	1.20	7.95	0.03	8.67	8.10		
40002.3	1.60	7.94	0.04	8.86	8.25		
40003.1	1.70	7.86	0.03	8.89	8.40		
40003.2	1.60	8.80	0.25	8.91	7.50		
40003.3	1.80	7.97	0.04	8.71	7.93		
40004.1	1.20	7.79	0.02	8.83	8.30		
40004.2	1.30	8.15	0.05	8.74	8.49		
40004.3	0.95	8.22	0.04	8.88	8.53		
40005.1	1.20	8.03	0.03	8.84	9.39		
40005.2	1.20	7.86	0.02	8.83	9.88		
40005.3	1.70	7.88	0.03	8.84	9.83		
40006.1	2.70	8.21	0.11	8.85	9.56		
40006.2	6.80	8.51	0.55	8.96	10.07		
40006.3	2.80	8.19	0.11	8.84	9.49		
40032.1	1.50	7.90	0.03	8.93	9.66		
40032.2	2.30	7.90	0.05	9.02	8.34		
40032.3	2.40	7.90	0.05	9.01	8.39		
40033.1	1.20	7.87	0.02	9.11	8.52		
40033.2	1.20	7.95	0.03	8.98	8.53		
40033.3	1.20	7.76	0.02	8.94	8.70		
30034.1	0.48	7.98	0.01	8.12	8.60		
30034.2	0.45	8.08	0.01	8.23	9.24		
30034.3	0.50	7.96	0.01	8.13	8.89		

LEG 2 Pore Water **ABALONE TESTS**

Site code	Total NH3 (highest) (mg/L)	pH (corresp. to highest NH3)	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40008.1	1.34	8.39	0.08	8.44	8.36		
40008.2	1.79	8.01	0.05	8.46	8.08		
40008.3	1.40	8.41	0.09	8.46	7.64		
40009.1	1.63	8.08	0.05	8.3	7.95		
40009.2	1.53	8.39	0.09				
40009.3	3.03	8.03	0.08	8.28	7.95		
40010.1	0.91	7.97	0.02	8.35	7.24	34	37
40010.2	0.86	8.12	0.03	8.53	8.50		
40010.3	0.40	8.50	0.03				
40012.1	1.33	8.21	0.05				
40012.2	2.25	7.97	0.05	8.6	7.95		
40012.3	2.09	8.07	0.06	8.34	7.59		
40015.1	1.31	8.30	0.07				
40015.2	4.46	8.08	0.14	8.64	7.61		
40015.3	2.76	7.98	0.07	8.65	7.85		
40016.1	1.44	7.99	0.04				
40016.2	1.26	8.56	0.11	8.2	8.27		
40016.3	2.88	7.97	0.07	8.47	8.46		
40019.1	10.30	8.39	0.63	8.47	7.49		
40019.2	2.14	8.33	0.11	8.47	7.90		
40019.3	6.22	8.53	0.52	8.47	8.48		
40030.1	2.42	8.03	0.07	8.26	8.04		
40030.2	2.49	8.16	0.09	8.62	7.89		
40030.3	7.25	7.98	0.18	8.38	7.70		
40032.1	5.55	7.98	0.13	8.65	7.63		
40032.2	1.00	8.80	0.15	8.46	7.75		
40032.3	1.88	8.16	0.07				

LEG 3 Pore Water **ABALONE TESTS**

Site code	Total NH3 (highest) (mg/L)	pH (corresp. to highest NH3)	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40007.1	3.00	7.56	0.03				
40007.2	1.00	7.71	0.01				
40007.3	1.00	7.29	0.01				
40011.1	3.00	7.23	0.01				
40011.2	3.00	6.74	0.00				
40011.3	3.00	6.51	0.00				
40013.1	3.00	8.37	0.18				
40013.2	3.00	8.31	0.15				
40013.3	2.00	8.32	0.10				
40014.1	3.00	8.26	0.14				
40014.2	5.00	8.53	0.42				
40014.3	4.00	8.33	0.21				
40017.1	2.00	7.41	0.01				
40017.2	2.00	7.41	0.01				
40017.3	2.00	8.10	0.06				
40018.1	2.00	8.06	0.06				
40018.2	2.00	7.08	0.01				
40018.3	2.00	8.13	0.07				
40020.1	2.00	7.95	0.05				
40020.2	1.00	8.07	0.03				
40020.3	2.00	8.01	0.05				
40031.1	1.00	7.92	0.02				
40031.2	0.80	8.01	0.02				
40031.3	2.00	7.94	0.04				
30035.1	2.50	7.58	0.02				
30035.2	1.00	7.55	0.01				
30035.3	1.00	7.85	0.02				

LEG 4 Pore Water **ABALONE TESTS**

Site code	Total NH3 (highest) (mg/L)	pH (corresp. to highest NH3)	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
40010.4	0.48	7.35	0.00	7.45	8.27		
40010.5	1.80	7.20	0.01	7.63	8.63		
40010.6	1.03	7.28	0.01	7.61	8.29		
40021.1	2.77	7.61	0.03	7.53	8.63		
40021.2	2.96	8.01	0.08	7.53	9.05		
40021.3	2.71	8.08	0.08	7.47	8.67		
40022.1	3.64	7.72	0.05	7.44	8.29		
40022.2	3.36	7.47	0.03	7.48	9.09		
40022.3	4.37	7.89	0.09				
40023.1	4.41	7.44	0.03	7.68	8.97		
40023.2	5.56	8.00	0.14	7.66	8.49		
40023.3	4.58	7.86	0.08	7.66	9.26		
80024.1	2.12	7.76	0.03	7.66	8.79		
80024.2	3.15	8.03	0.09	7.6	8.54		
80024.3	3.07	8.07	0.09				
80024.4	3.52	7.89	0.07	7.55	8.33		
80026.1	7.48	8.05	0.21	7.7	8.20		
80026.2	4.10	7.65	0.05				
80026.3	4.77	7.68	0.06				
80027.1	4.49	7.63	0.05	7.73	8.32		
80027.2	4.39	7.79	0.07	7.89	8.99		
80027.3	4.52	7.62	0.05	7.75	8.69		
80028.1	3.70	7.81	0.06	7.91	8.41		
80028.2	4.33	7.84	0.08				
80028.3	4.00	7.82	0.07	7.72	8.56		
30035.4	1.65	8.12	0.05				
30035.5	3.55	1.81	0.00	7.32	8.76		
30035.6	2.91	8.21	0.12	7.31	8.87		

LEG 5 Pore water ABALONE TESTS

Site code	Total NH3 (highest) (mg/L)	pH (corresp. to highest NH3)	Unionized NH3 (mg/L)	Dissolved Oygen Discrepancies (mg/L)		Salinity Discrepancies (ppt)	
				Start	End	Start	End
80025.1	2.44	7.93	0.05				
80025.2	1.63	8.09	0.05	7.72	8.33		
80025.3	2.50	8.54	0.22				

Abalone Test Water Quality Data - 100% Pore Water

LA HARBOR AMMONIA DATA

SITE CODE	ABALONE Total NH3 (highest)	pH	Unionized Ammonia ppm	Unionized Ammonia ppb
LEG 1				
40001.1	1.3	7.97	0.03082402	30.8
40001.2	1.1	7.87	0.02080317	20.8
40001.3	1.6	7.96	0.03708899	37.1
40002.1	0.92	7.8	0.01485178	14.9
40002.2	1.2	7.95	0.02719477	27.2
40002.3	1.6	7.94	0.03544893	35.4
40003.1	1.7	7.86	0.03143148	31.4
40003.2	1.6	8.8	0.24785664	247.9
40003.3	1.8	7.97	0.04267941	42.7
40004.1	1.2	7.79	0.01893873	18.9
40004.2	1.3	8.15	0.046309	46.3
40004.3	0.95	8.22	0.03964532	39.6
40005.1	1.2	8.03	0.03258761	32.6
40005.2	1.2	7.86	0.02218693	22.2
40005.3	1.7	7.88	0.03288567	32.9
40006.1	2.7	8.21	0.11015678	110.2
40006.2	6.8	8.51	0.5467432	546.7
40006.3	2.8	8.19	0.10918518	109.2
40032.1	1.5	7.9	0.03035924	30.4
40032.2	2.3	7.9	0.04655083	46.6
40032.3	2.4	7.9	0.04857478	48.6
40033.1	1.2	7.87	0.02269437	22.7
40033.2	1.2	7.95	0.02719477	27.2
40033.3	1.2	7.76	0.01769653	17.7
30034.1	0.48	7.98	0.01164148	11.6
30034.2	0.45	8.08	0.01368322	13.7
30034.3	0.5	7.96	0.01159031	11.6
LEG 2 Pore Water				
40008.1	1.34	8.39	0.08213504	82.1
40008.2	1.79	8.01	0.04646035	46.5
40008.3	1.4	8.41	0.08978288	89.8
40009.1	1.63	8.08	0.04956366	49.6
40009.2	1.53	8.39	0.09378105	93.8
40009.3	3.03	8.03	0.08228372	82.3
40010.1	0.91	7.97	0.02157681	21.6
40010.2	0.857	8.12	0.02852596	28.5
40010.3	0.398	8.5	0.03128504	31.3
40012.1	1.33	8.21	0.05426241	54.3
40012.2	2.25	7.97	0.05334926	53.3

LA HARBOR AMMONIA DATA

SITE CODE	ABALONE Total NH3 (highest)	pH	Unionized Ammonia ppm	Unionized Ammonia ppb
LEG 2 Pore Water (Cont.)				
40012.3	2.09	8.07	0.06212997	62.1
40015.1	1.31	8.3	0.06550989	65.5
40015.2	4.46	8.08	0.13561591	135.6
40015.3	2.76	7.98	0.06693848	66.9
40016.1	1.44	7.99	0.03572318	35.7
40016.2	1.26	8.56	0.11343564	113.4
40016.3	2.88	7.97	0.06828705	68.3
40019.1	10.3	8.39	0.6313365	631.3
40019.2	2.14	8.33	0.1145281	114.5
40019.3	6.22	8.53	0.5232469	523.2
40030.1	2.42	8.03	0.06571835	65.7
40030.2	2.49	8.16	0.09072821	90.7
40030.3	7.25	7.98	0.17583478	175.8
40032.1	5.55	7.98	0.13460456	134.6
40032.2	0.997	8.8	0.15444567	154.4
40032.3	1.88	8.16	0.06850162	68.5
LEG 3 Pore Water				
40007.1	3	7.56	0.02814558	28.1
40007.2	1	7.71	0.01317051	13.2
40007.3	1	7.29	0.00509477	5.1
40011.1	3	7.23	0.01334506	13.3
40011.2	3	6.74	0.00440653	4.4
40011.3	3	6.51	0.00261948	2.6
40013.1	3	8.37	0.17575316	175.8
40013.2	3	8.31	0.15345383	153.5
40013.3	2	8.32	0.10464232	104.6
40014.1	3	8.26	0.13704817	137.0
40014.2	5	8.53	0.42061648	420.6
40014.3	4	8.33	0.21407121	214.1
40017.1	2	7.41	0.01336612	13.4
40017.2	2	7.41	0.01336612	13.4
40017.3	2	8.1	0.0636279	63.6
40018.1	2	8.06	0.05812513	58.1
40018.2	2	7.08	0.00633747	6.3
40018.3	2	8.13	0.06809422	68.1
40020.1	2	7.95	0.04532461	45.3
40020.2	1	8.07	0.02972726	29.7
40020.3	2	8.01	0.05191101	51.9
40031.1	1	7.92	0.02117588	21.2
40031.2	0.8	8.01	0.0207644	20.8

LA HARBOR AMMONIA DATA

SITE CODE	ABALONE		Unionized	Unionized
	Total NH3	pH	Ammonia	Ammonia
	(highest)			
			ppm	ppb
LEG 3 Pore Water (Cont.)				
40031.3	2	7.94	0.04431117	44.3
30035.1	2.5	7.58	0.02453979	24.5
30035.2	1	7.55	0.00917209	9.2
30035.3	1	7.85	0.0180757	18.1
LEG 4 Pore Water				
40010.4	0.48	7.35	0.00280086	2.8
40010.5	1.8	7.2	0.00748185	7.5
40010.6	1.03	7.28	0.00513028	5.1
40021.1	2.77	7.61	0.02909868	29.1
40021.2	2.96	8.01	0.07682829	76.8
40021.3	2.71	8.08	0.08240339	82.4
40022.1	3.64	7.72	0.0490371	49.0
40022.2	3.36	7.47	0.02571818	25.7
40022.3	4.37	7.89	0.08646894	86.5
40023.1	4.41	7.44	0.03154109	31.5
40023.2	5.56	8	0.14108582	141.1
40023.3	4.58	7.86	0.08468012	84.7
80024.1	2.12	7.76	0.03126388	31.3
80024.2	3.15	8.03	0.08554248	85.5
80024.3	3.07	8.07	0.09126269	91.3
80024.4	3.52	7.89	0.06965004	69.7
80026.1	7.48	8.05	0.21252728	212.5
80026.2	4.1	7.65	0.04714775	47.1
80026.3	4.77	7.68	0.05870271	58.7
80027.1	4.49	7.63	0.04934937	49.3
80027.2	4.39	7.79	0.0692842	69.3
80027.3	4.52	7.62	0.04856829	48.6
80028.1	3.7	7.81	0.06109606	61.1
80028.2	4.33	7.84	0.07651773	76.5
80028.3	4	7.82	0.06756042	67.6
30035.4	1.65	8.12	0.05492162	54.9
30035.5	3.55	1.81	7.5076E-08	
30035.6	2.91	8.21	0.11872453	118.7
LEG 5 SUBSURFACE WATER				
90006	0.051	8.08	0.00155076	1.6
90019	0.0423	7.69	0.00053248	0.5
90021	0.0364	8.04	0.0010111	1.0

Abalone Test Ammonia Data - 100% Pore Water

	Bay Protection and Toxic Cleanup Program				
		Los Angeles Harbor Study			
Measurements of Hydrogen Sulfide from Archived Frozen Pore Water					
Sulfide Measurements Legs 1-4					
Site	pH	mV Reading	Sulfide Conc.	% H2S	H2S Conc (ppm)
LEG 1					
40001.1	7.97	715	0.1088	0.099	0.0108
40001.2	7.87	704	0.0480	0.122	0.0059
40001.3	7.96	696	0.0265	0.101	0.0027
40002.1	7.80	674	0.0052	0.140	0.0007
40002.2	7.95	708	0.0647	0.104	0.0067
40002.3	7.94	673	0.0048	0.106	0.0005
40003.1	7.86	694	0.0228	0.124	0.0028
40003.2	8.80	698	0.0307	0.014	0.0004
40003.3	7.97	675	0.0056	0.099	0.0006
40004.1	7.79	676	0.0060	0.143	0.0009
40004.2	8.15	715	0.1088	0.067	0.0073
40004.3	8.22	677	0.0065	0.057	0.0004
40005.1	8.03	703	0.0446	0.088	0.0039
40005.2	7.86	692	0.0197	0.124	0.0024
40005.3	7.88	684	0.0109	0.119	0.0013
40006.1	8.21	708	0.0647	0.059	0.0038
40006.2	8.51	711	0.0808	0.029	0.0023
40006.3	8.19	680	0.0081	0.062	0.0005
40032.1	7.90	686	0.0126	0.115	0.0014
40032.2	7.90	683	0.0101	0.115	0.0012
40032.3	7.90	688	0.0146	0.115	0.0017
40033.1	7.87	701	0.0384	0.122	0.0047
40033.2	7.95	692	0.0197	0.104	0.0020
40033.3	7.76	684	0.0109	0.151	0.0016
30034.1	7.98	680	0.0081	0.097	0.0008
30034.2	8.08	681	0.0087	0.079	0.0007
30034.3	7.96	678	0.0070	0.101	0.0007

	Bay Protection and Toxic Cleanup Program				
		Los Angeles Harbor Study			
Measurements of Hydrogen Sulfide from Archived Frozen Pore Water					
LEG 2					
Site	pH	mV Reading	Sulfide Conc.	% H2S	H2S Conc (ppm)
40008.1	8.39	676	0.0030	0.039	0.0001
40008.2	8.01	675	0.0028	0.091	0.0003
40008.3	8.41	684	0.0057	0.037	0.0002
40009.1	8.08	674	0.0026	0.079	0.0002
40009.2	8.39	675	0.0028	0.039	0.0001
40009.3	8.03	678	0.0035	0.088	0.0003
40010.1	7.97	681	0.0045	0.099	0.0004
40010.2	8.12	682	0.0048	0.072	0.0003
40010.3	8.50	672	0.0022	0.030	0.0001
40012.1	8.21	679	0.0038	0.059	0.0002
40012.2	7.97	682	0.0048	0.099	0.0005
40012.3	8.07	676	0.0030	0.080	0.0002
40015.1	8.30	677	0.0032	0.048	0.0002
40015.2	8.08	674	0.0026	0.079	0.0002
40015.3	7.98	691	0.0099	0.097	0.0010
40016.1	7.99	668	0.0016	0.095	0.0002
40016.2	8.56	671	0.0020	0.026	0.0001
40016.3	7.97	677	0.0032	0.099	0.0003
40019.1	8.39	690	0.0091	0.039	0.0004
40019.2	8.33	684	0.0057	0.044	0.0003
40019.3	8.53	681	0.0045	0.027	0.0001
40030.1	8.03	669	0.0017	0.088	0.0002
40030.2	8.16	671	0.0020	0.066	0.0001
40030.3	7.98	682	0.0048	0.097	0.0005
40032.1	7.98	685	0.0061	0.097	0.0006
40032.2	8.80	672	0.0022	0.014	0.0000
40032.3	8.16	693	0.0115	0.066	0.0008

	Bay Protection and Toxic Cleanup Program				
		Los Angeles Harbor Study			
Measurements of Hydrogen Sulfide from Archived Frozen Pore Water					
LEG 3					
Site	pH	mV Reading	Sulfide Conc.	% H2S	H2S Conc (ppm)
40007.1	7.56	694	0.0125	0.217	0.0027
40007.2	7.71	675	0.0028	0.166	0.0005
40007.3	7.29	684	0.0057	0.338	0.0019
40011.1	7.23	680	0.0041	0.371	0.0015
40011.2	6.74	682	0.0048	0.722	0.0035
40011.3	6.51	672	0.0022	0.948	0.0021
40013.1	8.37	671	0.0020	0.040	0.0001
40013.2	8.31	688	0.0078	0.047	0.0004
40013.3	8.32	686	0.0066	0.046	0.0003
40014.1	8.26	680	0.0041	0.052	0.0002
40014.2	8.53	684	0.0057	0.027	0.0002
40014.3	8.33	677	0.0032	0.044	0.0001
40017.1	7.41	709	0.0411	0.280	0.0115
40017.2	7.41	680	0.0041	0.280	0.0012
40017.3	8.10	679	0.0038	0.075	0.0003
40018.1	8.06	700	0.0201	0.082	0.0017
40018.2	7.08	687	0.0072	0.461	0.0033
40018.3	8.13	671	0.0020	0.070	0.0001
40020.1	7.95	676	0.0030	0.104	0.0003
40020.2	8.07	671	0.0020	0.080	0.0002
40020.3	8.01	677	0.0032	0.091	0.0003
40031.1	7.92	705	0.0299	0.110	0.0033
40031.2	8.01	670	0.0019	0.091	0.0002
40031.3	7.94	672	0.0022	0.106	0.0002
30035.1	7.58	712	0.0522	0.210	0.0110
30035.2	7.55	692	0.0107	0.221	0.0024
30035.3	7.85	678	0.0035	0.127	0.0004

	Bay Protection and Toxic Cleanup Program				
		Los Angeles Harbor Study			
Measurements of Hydrogen Sulfide from Archived Frozen Pore Water					
LEGS 4 and 5					
Site	pH	mV Reading	Sulfide Conc.	% H2S	H2S Conc (ppm)
40010.4	7.35	630	0.0001	0.308	0.0000
40010.5	7.20	656	0.0006	0.388	0.0002
40010.6	7.28	658	0.0007	0.344	0.0002
40021.1	7.61	656	0.0006	0.199	0.0001
40021.2	8.01	656	0.0006	0.091	0.0001
40021.3	8.08	655	0.0006	0.079	0.0000
40022.1	7.72	633	0.0001	0.163	0.0000
40022.2	7.47	655	0.0006	0.253	0.0001
40022.3	7.89	642	0.0002	0.117	0.0000
40023.1	7.44	656	0.0006	0.266	0.0002
40023.2	8.00	657	0.0007	0.093	0.0001
40023.3	7.86	657	0.0007	0.124	0.0001
80024.1	7.76	656	0.0006	0.151	0.0001
80024.2	8.03	655	0.0006	0.088	0.0000
80024.3	8.07	654	0.0005	0.080	0.0000
80024.4	7.89	651	0.0004	0.117	0.0000
80025.1	7.93	657	0.0007	0.108	0.0001
80025.2	8.09	657	0.0007	0.077	0.0001
80025.3	8.54	657	0.0007	0.027	0.0000
80026.1	8.05	661	0.0009	0.084	0.0001
80026.2	7.65	600	0.0000	0.185	0.0000
80026.3	7.68	653	0.0005	0.175	0.0001
80027.1	7.63	638	0.0001	0.192	0.0000
80027.2	7.79	610	0.0000	0.143	0.0000
80027.3	7.62	654	0.0005	0.196	0.0001
80028.1	7.81	650	0.0004	0.137	0.0001
80028.2	7.84	617	0.0000	0.129	0.0000
80028.3	7.82	654	0.0005	0.135	0.0001

Abalone Test Reference Toxicant Data - 100% Pore Water

Zinc sulfate reference toxicant test data for abalone pore water tests for sampling legs 1-5. Data are mean percent ± sd normal larvae.

Zn conc µg/L	LEG 1	2	3	4	5
0	94±3.6	96±2.3	91±1.8	98±1.8	94±2.1
18	94±3.0	97±2.3	91±3.5	95±1.7	97±1.8
32	78±23.7	94±4.4	90±4.4	96±2.8	96±1.2
56	82±9.1	17±0.7	46±16.6	79±13.6	23±14
100	-	-	-	-	0±0.0
LC 50	-	44	53	-	47

Cadmium chloride reference toxicant test data for amphipod sediment tests run on sampling legs 1-5. Data are mean percent amphipod survival ± sd.

Cd conc µg/L	LEG 1	2	3	4	5
0	93±2.9	85±10.0	90±13.2	85±8.7	92±2.9
500	64±16.2	75±18.0	57±20.8	53±20.2	60±5.0
1000	37±21.9	37±19	48±15.3	40±10.0	42±2.9
2000	9±16.5	13±15.3	10±5.0	8±5.8	18±7.6
4000	0±0.0	0±0.0	0±0.0	2±2.9	0±0.0
LC 50	716	801	813	665	734