

TABLE 3-6 RESULTS OF 48-HOUR LARVAL DEVELOPMENT TESTS WITH *Arbacia punctulata*, DANIEL ISLAND PROJECT

EA Test Number:	TN-98-277			TN-98-278			
Testing Dates:	23 - 25 July 1998			23 - 25 July 1998			
EA Sample Number:	AT8-400	AT8-401	AT8-402	AT8-403	AT8-404	AT8-405	
Sample Identification:	CNB-01	CNB-02	CNB-03	CPB-01	CPB-02	CPB-03	
Test Concentration (percent sample)	<u>PERCENT NORMAL DEVELOPMENT</u>			<u>PERCENT NORMAL DEVELOPMENT</u>			
0 (Control)	88	88	88	85	85	85	
10	0	1	15	78	73	78	
50	0.3	0	0	3	0	0	
100	0 ^(a)	0 ^(a)	0.5 ^(b)	0 ^(a)	2 ^(b)	0.3 ^(b)	
48-hour EC50: (percent sample)	<10	<10	<10	21.5	19.9	20.8	
EA Test Number:	TN-98-279			TN-98-280			
Testing Dates:	23 - 25 July 1998			23 - 25 July 1998			
EA Sample Number:	AT8-406	AT8-407	AT8-408	AT8-409	AT8-410	AT8-411	AT8-416
Sample Identification:	WDB-01	WDB-02	WDR-01	WDR-02	WDR-03	REFERENCE	SITE WATER
Test Concentration (percent sample)	<u>PERCENT NORMAL DEVELOPMENT</u>			<u>PERCENT NORMAL DEVELOPMENT</u>			
0 (Control)	84	84	84	83	83	83	83
10	82	74	76	64	64	81	□
50	5	2	0	0	0	86	□
100	3 ^(b)	0 ^(a)	0 ^(a)	0 ^(a)	0 ^(a)	86	90
48-hour EC50: (percent sample)	23.1	20.5	20.4	17.6	17.5	>100	N/A

(a) Treatments which have no normally developed larvae are not statistically analyzed, per EPA guidelines.

(b) Significantly different (P=0.05) from the corresponding control indicating an adverse effect.

(--) No tests were performed on these concentrations.

(NA) Indicates that the LC50 was not performed.

-
- (a) Treatments which have no normally developed larvae are not statistically analyzed, per EPA guidelines.
 - (b) Significantly different ($P=0.05$) from the corresponding control indicating an adverse effect.
 - (--) No tests were performed on these concentrations.
 - (NA) Indicates that the LC50 was not performed.