

Table 4-6a. Summary of Toxicity Results - Dry Weather

Class Constituent	Units	Site 1 Ballona Creek	Site 2 Malibu Creek	Site 10 Los Angeles River	Site 13 Coyote Creek	Site 14 San Gabriel River	Site 28 Dominguez Channel	Site 29 Santa Clara River
Dry Weather TOXICITY No. 1		11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006	11/01/2006	10/31/2006
Chronic Ceriodaphnia Survival & Reproduction Bioassay								
<i>Survival</i>								
NOEC	%	100	100	100	100	100	100	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
LC25	%	> 100	> 100	96.15	> 100	> 100	> 100	> 100
LC50	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
<i>Reproduction</i>								
NOEC	%	100	100	100	100	100	100	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
EC25	%	> 100	6.8	> 100	> 100	> 100	> 100	> 100
EC50	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
Chronic Sea Urchin Fertilization Bioassay								
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
EC50	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
Dry Weather TOXICITY No. 2		04/02/2007	04/09/2007	04/09/2007	04/02/2007	04/02/2007	04/02/2007	04/02/2007
Chronic Ceriodaphnia Survival & Reproduction Bioassay								
<i>Survival</i>								
NOEC	%	100	100	100	100	100	100	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
LC25	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
LC50	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
<i>Reproduction</i>								
NOEC	%	100	100	100	100	100	100	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
EC25	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
EC50	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
Chronic Sea Urchin Fertilization Bioassay								
TU		1.004	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
EC50	%	99.65	> 100	> 100	> 100	> 100	> 100	> 100

indicates an exceedance of water quality standard.