

Table 4-6b. Summary of Toxicity Results - Wet 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
<b>Wet Weather TOXICITY No. 1</b>		12/09/2006	12/09/2006	12/09/2006	12/09/2006	12/09/2006	12/09/2006	12/09/2006
<b>Chronic Ceriodaphnia Survival &amp; Reproduction Bioassay</b>								
<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	98.13	> 100	> 100	> 100
EC50	%	> 100	> 100	> 100	> 100	> 100	> 100	> 100
<b>Chronic Sea Urchin Fertilization Bioassay</b>								
TU		1.26	1.34	1.42	1.40	1.36	1.36	1.36
EC50	%	79.33	74.58	70.23	71.47	73.75	73.55	73.76
<b>Wet Weather TOXICITY No. 2</b>		02/10/2007	02/22/2007	02/22/2007	02/10/2007	02/10/2007	04/20/2007	02/19/2007
<b>Chronic Ceriodaphnia Survival &amp; Reproduction Bioassay</b>								
<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
<b>Chronic Sea Urchin Fertilization Bioassay</b>								
TU	<	1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.60	< 1.00
EC50	%	> 100	> 100	> 100	> 100	> 100	62.66	> 100
<b>Wet Weather TOXICITY No. 3</b>						02/22/2007		02/22/2007
<b>Chronic Ceriodaphnia Survival &amp; Reproduction Bioassay</b>								
<i>Survival</i>								
NOEC	%					100		100
TU	<					1.00		< 1.00
LC25	%					> 100		> 100
LC50	%					> 100		> 100
<i>Reproduction</i>								
NOEC	%					100		100
TU	<					1.00		< 1.00
EC25	%					> 100		> 100
EC50	%					> 100		> 100
<b>Chronic Sea Urchin Fertilization Bioassay</b>								
TU	<					1.00		< 1.00
EC50	%					> 100		> 100

indicates an exceedance of water quality standard.