

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
<u>Wet Weather TOXICITY No. 1</u>		10/17/2005	10/17/2005	10/17/2005	10/17/2005	10/17/2005	10/17/2005	10/17/2005
Chronic Ceriodaphnia Survival & Reproduction Bioassay								
<i>Survival</i>								
NOEC	%	100	100	100	100	100	56	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.23	< 1.00
LC25	%	> 100	> 100	> 100	> 100	> 100	65.43	> 100
LC50	%	> 100	> 100	> 100	> 100	> 100	81.14	> 100
<i>Reproduction</i>								
NOEC	%	100	100	100	100	100	56	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	1.10	< 1.00
EC25	%	> 100	> 100	> 100	> 100	> 100	73.3	> 100
EC50	%	> 100	> 100	> 100	> 100	> 100	90.6	> 100
Chronic Sea Urchin Fertilization Bioassay								
TU		1.31	< 1.00	1.29	< 1.00	< 1.00	1.30	< 1.00
EC50	%	76.3	> 100	77.32	> 100	> 100	76.77	> 100
<u>Wet Weather TOXICITY No. 2</u>		11/09/2005	11/09/2005	12/31/2005	12/31/2005	12/31/2005	01/03/2006	12/31/2005
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		1.34	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
EC50	%	74.55	> 100	> 100	> 100	> 100	> 100	> 100