Table 4-6b. Summary of Toxicity Results - Wet Weather

Class Constituent	Units	Ballona Creek S01	Malibu Creek S02	Los Angeles River S10	Coyote Creek S13	San Gabriel River S14	Dominguez Channel S28	Santa Clara River S29
Wet Weather TOXICITY No. 1		2008-09Event03	2008-09Event03	2008-09Event03	2008-09Event03	2008-09Event03	2008-09Event03	2008-09Event06
Chronic Ceriodaphnia Survival & Reproduction Bioassay								
Survival								
NOEC	%	100	50.00	100	100	100	100	100
TU		< 1.00	1.16	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
IC25	%	28.13	68.27	80.36	28.13	> 100	> 100	> 100
IC50	%	> 100	86.54	> 100	> 100	> 100	> 100	> 100
Reproduction								
NOEC	%	100	50.00	100	100	100	100	100
TU		< 1.00	1.06	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
IC25	%	30.87	72.15	> 100	> 100	> 100	> 100	> 100
IC50	%	> 100	94.31	> 100	> 100	> 100	> 100	> 100
Chronic Sea Urchin Fertilization Bioassay								
NOEC	%	< 50.00	< 50.00	< 50.00	< 50.00	< 50.00	100.00	100
TU		3.13	2.20	3.29	2.45	3.02	< 1.00	< 1.00
IC25	%	15.97	22.72	15.17	20.35	16.53	30.73	> 100.00
IC50	%	31.90	45.44	30.34	40.70	33.05	> 100	> 100
Wet Weather TOXICITY No. 2		2008-09Event21	2008-09Event21	2008-09Event21	2008-09Event21	2008-09Event21	2008-09Event21	2008-09Event21
Chronic Ceriodaphnia Survival & Reproduction Bioassay								
Survival								
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
Reproduction								
NOEC	%	100	100	100	100	100	100	100
TU		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
IC25	%	> 100		> 100	> 100	> 100		
IC50	%	> 100		> 100	> 100	> 100		
LC25	%		> 100				> 100	> 100
LC50	%		> 100				> 100	> 100
Chronic Sea Urchin Fertilization Bioassay								
NOEC	%	25.00	50.00	25.00	50.00	50.00	12.50	6.25
TU		< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
EC25	%	> 50.00	> 50.00	> 50.00	> 50.00	> 50.00	> 50.00	18.40
EC50	%	> 50.00	> 50.00	> 50.00	> 50.00	> 50.00	> 50.00	> 50.00

TU calculated as 100 / IC50, 100/LC50, or 100/EC50 as appropriate