Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Data Included Since[h]	DL	Units	Mass Emission Site 01 Ballona Creek						Mass Emission Site 02 Malibu Creek					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Miscellaneous Constituents															
Cyanide	96	0.01	mg/l	8	6	25	0.009	0.005	0.83	8	8	0	S.I.D	S.I.D	S.I.D
TPH	94	1	mg/l	8	8	0	S.I.D	S.I.D	S.I.D	8	8	0	S.I.D	S.I.D	S.I.D
Oil and Grease	94	1	mg/l	8	3	63	3	2	1.03	8	5	38	1.250	0.500	1.16
Total Phenols	94	0.1	mg/l	8	1	88	3	2	0.85	8	7	13	S.I.D	S.I.D	S.I.D
Indicator Bacteria															
Total Coliform	94	20	MPN/100ml	8	0	100	3,506,375	500,000	1.68	8	0	100	124,563	15,500	2.52
Fecal Coliform	94	20	MPN/100ml	8	0	100	2,538,375	370,000	2.16	8	0	100	27,743	11,500	1.68
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D	S.I.D	S.I.D	4	0	100	68.60%	81.82%	0.62
Fecal Streptococcus	94	20	MPN/100ml	8	0	100	1,000,000	240,000	1.69	8	0	100	119,948	4,550	2.01
Fecal Enterococcus	94	20	MPN/100ml	8	0	100	615,000	205,000	1.62	8	0	100	33,305	3,550	2.28
General Minerals															
Ammonia	94	0.1	mg/l	9	3	67	0.56	0.45	0.88	9	2	78	0.18	0.15	0.71
Calcium	96	1.0	mg/l	10	0	100	27.09	19.02	0.70	10	0	100	107.78	105.45	0.29
Magnesium	96	1.0	mg/l	10	0	100	11.76	9.57	0.73	10	0	100	77.86	61.95	0.62
Potassium	94	1.0	mg/l	10	0	100	3.77	2.71	0.73	10	0	100	5.98	5.64	0.43
Sodium	96	1.0	mg/l	10	0	100	24.47	17.95	0.64	10	0	100	99.12	96.50	0.46
Bicarbonate	94	2.0	mg/l	10	0	100	82.89	56.91	0.69	10	0	100	99.12	96.50	0.46
Carbonate	94	2.0	mg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	9	10	S.I.D	S.I.D	S.I.D
Chloride	94	2.0	mg/l	10	0	100	25.12	14.00	0.90	10	0	100	104.31	96.90	0.41
Fluoride	94	0.1	mg/l	10	1	90	0.20	0.12	0.80	10	0	100	0.20	0.20	0.14
Nitrate	94	0.1	mg/l	10	0	100	3.04	2.20	0.74	10	0	100	9.23	7.98	0.53
Sulfate	94	0.1	mg/l	10	0	100	41.23	22.05	0.98	10	0	100	449.40	368.50	0.44
Alkalinity	94	4.0	mg/l	10	0	100	68.10	46.65	0.69	10	0	100	188.10	189.40	0.20
Hardness	96	2.0	mg/l	10	0	100	126.07	81.25	0.63	10	0	100	589.30	565.00	0.30
COD	97	5	mg/l	10	0	100	53.10	59.35	0.48	10	0	100	83.10	79.45	0.55
pH	94	0-14		10	0	100	7.25	7.24	0.06	10	0	100	8.10	8.10	0.02
Specific Conductance	94	1.0	umhos/cm	10	0	100	322.01	198.50	0.74	10	0	100	1615.20	1459.50	0.38
Total Dissolved Solids	96	2.0	mg/l	10	0	100	194.52	122.00	0.76	10	0	100	1026.80	967.00	0.31
Turbidity	94	0.1	NTU	10	0	100	47.03	40.00	0.78	10	0	100	171.37	41.00	1.81
Total Suspended Solids	96	2.0	mg/l	10	0	100	164.90	142.50	0.73	10	0	100	353.10	95.50	1.67
Volatile Suspended Solids	94	1.0	mg/l/hr	10	0	100	46.60	35.00	0.63	10	0	100	39.80	23.00	1.54
MBAS	97	0.05	mg/l	10	1	90	0.11	0.09	0.72	10	8	20	0.07	0.05	0.97
Total Organic Carbon	94	1.0	mg/l	10	0	100	9.53	6.92	0.52	10	0	100	6.71	6.35	0.16
BOD	94	2.0	mg/l	10	1	90	9.35	7.75	0.58	10	1	90	5.40	4.90	0.71
Nutrients															
Dissolved Phosphorus	94	0.05	mg/l	10	0	100	0.20	0.17	0.51	10	0	100	0.55	0.56	0.60
Total Phosphorus	94	0.05	mg/l	10	0	100	0.24	0.21	0.41	10	0	100	0.61	0.61	0.55
NH3-N	94	0.1	mg/l	9	0	100	0.47	0.37	0.87	9	4	56	0.14	0.12	0.78
Nitrate-N	96	0.1	mg/l	10	3	70	0.68	0.50	0.75	10	0	100	2.15	2.00	0.50
Nitrite-N	94	0.1	mg/l	10	1	90	0.21	0.11	1.34	10	9	10	S.I.D	S.I.D	S.I.D
TKN	96	0.1	mg/l	9	1	89	2.20	2.30	0.52	10	0	100	2.48	1.27	1.13
Metals															
Dissolved Aluminum	96	100	µg/l	10	8	20	71.20	50.00	0.71	10	10	0	S.I.D	S.I.D	S.I.D
Total Aluminum	96	100	µg/l	10	1	90	400.81	205.50	1.24	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Antimony	97	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Antimony	97	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	0	100	29.47	25.80	0.41
Dissolved Arsenic	97	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	0	100	36.80	27.70	0.61

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Data Included Since[h]	DL	Units	Mass Emission Site 01 Ballona Creek						Mass Emission Site 02 Malibu Creek					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Total Arsenic	97	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Barium	97	10	µg/l	10	0	100	29.47	25.80	0.41	10	10	0	S.I.D	S.I.D	S.I.D
Total Barium	97	10	µg/l	10	0	100	36.80	27.70	0.61	10	4	60	133.10	116.50	0.76
Dissolved Beryllium	97	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	3	70	157.00	137.00	0.69
Total Beryllium	97	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Boron	97	100	µg/l	10	4	60	133.10	116.50	0.76	10	10	0	S.I.D	S.I.D	S.I.D
Total Boron	97	100	µg/l	10	3	70	157.00	137.00	0.69	10	9	10	S.I.D	S.I.D	S.I.D
Dissolved Cadmium	97	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	9	10	S.I.D	S.I.D	S.I.D
Total Cadmium	97	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Chromium	97	5	µg/l	10	9	10	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Chromium	97	5	µg/l	10	9	10	S.I.D	S.I.D	S.I.D	10	2	80	6.91	6.87	0.44
Dissolved Chromium +6	94	10	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	0	100	14.76	10.25	0.87
Total Chromium +6	94	10	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	5	50	129.00	75.00	0.96
Dissolved Copper	97	5	µg/l	10	2	80	6.91	6.87	0.44	10	1	90	797.00	330.00	1.50
Total Copper	97	5	µg/l	10	0	100	14.76	10.25	0.87	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Iron	94	100	µg/l	10	5	50	129.00	75.00	0.96	10	8	20	6.10	2.50	1.65
Total Iron	94	100	µg/l	10	1	90	797.00	330.00	1.50	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Lead	97	5	µg/l	11	10	9	S.I.D	S.I.D	S.I.D	11	9	18	S.I.D	S.I.D	S.I.D
Total Lead	97	5	µg/l	10	8	20	6.10	2.50	1.65	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Manganese	98	100	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Manganese	98	100	µg/l	10	9	10	S.I.D	S.I.D	S.I.D	10	7	30	3.63	2.50	0.56
Dissolved Mercury	94	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	6	40	4.37	2.50	0.65
Total Mercury	94	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Nickel	97	5	µg/l	10	7	30	3.63	2.50	0.56	10	10	0	S.I.D	S.I.D	S.I.D
Nickel	97	5	µg/l	10	6	40	4.37	2.50	0.65	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Selenium	94	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Selenium	94	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Silver	97	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Silver	97	1	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	6	40	56.99	25.00	10.57
Dissolved Thallium	97	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	10	5	50	86.96	39.60	1.31
Total Thallium	97	5	µg/l	10	10	0	S.I.D	S.I.D	S.I.D	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
Dissolved Zinc	94	50	µg/l	10	6	40	56.99	25.00	1.27	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
Total Zinc	94	50	µg/l	10	5	50	86.96	39.60	1.31	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
SVOCs															
Bis(2-ethylhexyl)phthalate	99	1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	2	67	4.33	3.63	0.71
PAHs															
Acenaphthene	99	0.05	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Acenaphthylene	99	0.05	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Antracene	99	0.05	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Benzo(a)anthracene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Benzo(a)pyrene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Benzo(b)fluoranthene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Benzo(k)fluoranthene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Chrysene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Dibenz(a,h)anthracene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Fluoranthene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Fluorene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Indeno (1,2,3-cd)pyrene	99	0.1	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Naphthalene	99	0.05	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Data Included Since[h]	DL	Units	Mass Emission Site 01 Ballona Creek						Mass Emission Site 02 Malibu Creek					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Phenanthrene	99	0.05	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
Pyrene	99	0.05	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	6	6	0	S.I.D	S.I.D	S.I.D
All other SVOCs	94	0.05-5.0	µg/l	0	0	S.I.D	S.I.D	S.I.D	S.I.D	438	438	0	S.I.D	S.I.D	S.I.D
Pesticides															
Organochlorine Pesticides & PCBs	94	0.05-1.0	µg/l	0	0	0	S.I.D.	S.I.D.	S.I.D.	210	210	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	µg/l	10	10	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	µg/l	10	10	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Organo-Phosphate Pesticides															
Diazinon	96	0.01	µg/l	10	10	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	µg/l	10	10	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides															
Thiobencarb	96	1	µg/l	10	10	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	µg/l	70	70	0	S.I.D.	S.I.D.	S.I.D.	70	70	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides															
2,4-D	96	10	µg/l	0	0	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	µg/l	0	0	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	µg/l	0	0	0	S.I.D.	S.I.D.	S.I.D.	9	9	0	S.I.D.	S.I.D.	S.I.D.

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Mass Emission Site 10 L.A. River						Mass Emission Site 13 Coyote Creek					
	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Miscellaneous Constituents												
Cyanide	7	4	43	0.027	0.005	1.35	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
TPH	7	7	0	S.I.D	S.I.D	S.I.D	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
Oil and Grease	7	1	86	2.571	2.000	0.84	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
Total Phenols	7	2	71	2.229	2.400	0.66	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
Indicator Bacteria												
Total Coliform	7	0	100	2,057,143	2,200,000	0.80	4	0	100	432,000	400,000	0.85
Fecal Coliform	7	0	100	1,365,714	1,600,000	0.77	4	0	100	157,725	165,000	0.83
Ratio Fecal Coliform/Total Coliform	0	0	S.I.D.	S.I.D	S.I.D	S.I.D	0	0	S.I.D.	S.I.D	S.I.D	S.I.D
Fecal Streptococcus	7	0	100	3,260,286	500,000	1.80	4	0	100	38,950	22,500	1.25
Fecal Enterococcus	7	0	100	558,857	S.I.D	1.00	4	0	100	22,950	20,500	0.92
General Minerals												
Ammonia	11	4	64	1.15	0.15	1.78	10	3	70	0.72	0.16	2.17
Calcium	11	0	100	27.50	28.00	0.44	10	0	100	30.91	23.07	0.62
Magnesium	11	3	73	9.32	6.08	1.18	10	0	100	8.69	5.17	0.92
Potassium	11	3	73	9.41	6.08	1.18	10	0	100	4.31	2.71	0.99
Sodium	11	0	100	28.16	25.10	0.66	10	0	100	38.10	19.95	1.23
Bicarbonate	11	0	100	68.65	51.72	0.58	10	0	100	88.37	52.36	0.74
Carbonate	11	3	73	9.24	6.08	1.21	10	10	0	S.I.D	S.I.D	S.I.D
Chloride	11	0	100	30.77	19.00	0.93	10	0	100	34.56	21.65	1.00
Fluoride	11	0	100	0.21	0.14	0.58	10	0	100	0.20	0.12	0.84
Nitrate	11	1	91	3.86	3.23	0.61	10	2	80	3.47	2.85	1.04
Sulfate	11	0	100	38.18	26.50	0.76	10	0	100	53.85	26.50	1.19
Alkalinity	11	0	100	56.27	42.40	0.58	10	0	100	72.46	42.95	0.74
Hardness	11	0	100	97.55	100.00	0.45	10	0	100	112.87	76.25	0.70
COD	11	0	100	69.83	64.10	0.71	10	1	90	80.87	54.95	0.95
pH	11	0	100	6.93	6.92	0.04	10	0	100	7.11	7.09	0.06
Specific Conductance	11	0	100	330.08	334.00	0.61	10	0	100	387.79	249.50	0.86
Total Dissolved Solids	11	0	100	197.64	198.00	0.64	10	0	100	237.70	148.00	0.92
Turbidity	11	0	100	97.49	59.50	0.93	10	0	100	87.33	60.25	1.04
Total Suspended Solids	11	0	100	244.09	161.00	0.90	10	0	100	306.70	187.00	1.34
Volatile Suspended Solids	11	0	100	53.82	41.00	0.65	10	0	100	61.30	50.50	0.83
MBAS	11	1	91	0.11	0.09	0.52	10	0	100	0.10	0.09	0.31
Total Organic Carbon	11	0	100	16.02	10.20	0.95	10	0	100	15.58	9.46	1.19
BOD	11	3	73	7.12	5.50	1.15	10	1	90	9.49	7.30	0.83
Nutrients												
Dissolved Phosphorus	11	0	100	0.43	0.36	0.60	10	0	100	0.24	0.19	0.71
Total Phosphorus	11	0	100	0.49	0.42	0.55	10	0	100	0.31	0.22	0.67
NH3-N	11	5	55	0.95	0.12	1.78	10	5	50	0.59	0.11	2.20
Nitrate-N	11	1	91	0.88	0.73	0.60	10	2	80	0.79	0.64	1.01
Nitrite-N	11	2	82	0.29	0.19	1.00	10	2	80	0.13	0.09	0.83
TKN	11	0	100	3.02	2.08	0.70	10	0	100	2.45	2.04	0.71
Metals												
Dissolved Aluminum	11	9	18	S.I.D	S.I.D	S.I.D	10	9	10	S.I.D	S.I.D	S.I.D
Total Aluminum	11	2	82	575.08	278.00	1.72	10	2	80	174.46	157.50	0.60
Dissolved Antimony	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Antimony	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Arsenic	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Mass Emission Site 10 L.A. River						Mass Emission Site 13 Coyote Creek					
	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Total Arsenic	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Barium	11	0	100	30.13	26.60	0.42	10	0	100	28.21	23.45	0.54
Total Barium	11	0	100	40.08	31.40	0.60	10	0	100	32.45	26.70	0.52
Dissolved Beryllium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Beryllium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Boron	11	1	91	154.36	172.00	0.38	10	5	50	114.10	81.00	0.78
Total Boron	11	0	100	181.00	174.00	0.38	10	2	80	160.00	125.50	0.63
Dissolved Cadmium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Cadmium	11	10	9	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Chromium	11	9	18	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Chromium	11	9	18	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Chromium +6	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Chromium +6	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Copper	11	1	91	8.24	7.57	0.41	10	5	50	4.52	3.79	0.50
Total Copper	11	0	100	16.36	11.50	0.73	10	0	100	9.15	8.69	0.25
Dissolved Iron	11	3	73	235.45	200.00	0.71	10	0	100	95.00	50.00	0.81
Total Iron	11	0	100	1038.55	420.00	1.87	10	1	90	306.00	285.00	0.57
Dissolved Lead	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Lead	11	5	55	10.20	5.10	1.58	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Manganese	11	11	0	S.I.D	S.I.D	S.I.D	10	9	10	S.I.D	S.I.D	S.I.D
Total Manganese	11	8	27	79.36	50.00	0.70	10	8	20	82.60	50.00	0.98
Dissolved Mercury	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Mercury	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Nickel	11	5	55	6.30	5.82	0.80	10	8	20	3.92	2.50	0.90
Nickel	11	2	82	8.13	6.75	0.68	10	7	30	4.30	2.50	0.83
Dissolved Selenium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Selenium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Silver	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Silver	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Thallium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Total Thallium	11	11	0	S.I.D	S.I.D	S.I.D	10	10	0	S.I.D	S.I.D	S.I.D
Dissolved Zinc	11	6	45	46.55	25.00	0.61	10	9	10	S.I.D	S.I.D	S.I.D
Total Zinc	11	0	100	65.54	54.90	0.87	10	7	30	35.90	25.00	0.54
SVOCs												
Bis(2-ethylhexyl)phthalate	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
PAHs												
Acenaphthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Acenaphthylene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Antracene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(a)anthracene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(a)pyrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(b)fluoranthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(k)fluoranthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Chrysene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Dibenz(a,h)anthracene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Fluoranthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Fluorene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Indeno (1,2,3-cd)pyrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Naphthalene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Mass Emission Site 10 L.A. River						Mass Emission Site 13 Coyote Creek					
	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Phenanthrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Pyrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
All other SVOCs	0	0	S.I.D	S.I.D	S.I.D	S.I.D	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Pesticides												
Organochlorine Pesticides & PCBs	0	0	0	S.I.D.	S.I.D.	S.I.D.	0	0	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	11	11	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	11	11	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Organo-Phosphate Pesticides												
Diazinon	11	11	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	11	11	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides												
Thiobencarb	11	11	0	S.I.D.	S.I.D.	S.I.D.	10	10	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	77	77	0	S.I.D.	S.I.D.	S.I.D.	70	70	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides												
2,4-D	0	0	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	0	0	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	0	0	0	S.I.D.	S.I.D.	S.I.D.	0	0	0	S.I.D.	S.I.D.	S.I.D.

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Mass Emission Site 14 San Gabriel River					
	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Miscellaneous Constituents						
Cyanide	7	4	43	0.014	0.005	1.00
TPH	7	7	0	S.I.D	S.I.D	S.I.D
Oil and Grease	7	4	43	1.271	0.500	0.99
Total Phenols	7	7	0	S.I.D	S.I.D	S.I.D
Indicator Bacteria						
Total Coliform	7	0	100	1,679,286	500,000	1.94
Fecal Coliform	7	0	100	169,300	30,000	1.53
Ratio Fecal Coliform/Total Coliform	1	0	100	S.I.D	S.I.D	S.I.D
Fecal Streptococcus	7	0	100	140,771	50,000	1.30
Fecal Enterococcus	7	0	100	100,643	14,000	1.81
General Minerals						
Ammonia	8	0	100	0.47	0.05	1.83
Calcium	9	0	100	59.63	56.10	0.32
Magnesium	9	0	100	20.15	17.01	0.40
Potassium	8	0	100	19.44	17.01	0.42
Sodium	9	0	100	65.03	60.00	0.43
Bicarbonate	9	0	100	126.90	128.00	0.31
Carbonate	8	1	88	25.90	17.01	1.21
Chloride	9	0	100	83.74	67.10	0.46
Fluoride	9	0	100	0.23	0.21	0.26
Nitrate	9	0	100	20.89	15.90	0.50
Sulfate	9	0	100	115.29	104.00	0.36
Alkalinity	9	0	100	104.08	105.00	0.31
Hardness	9	0	100	231.78	220.00	0.30
COD	9	0	100	84.71	74.50	0.57
pH	9	0	100	7.54	7.62	0.03
Specific Conductance	9	0	100	766.56	671.00	0.32
Total Dissolved Solids	9	0	100	467.56	412.00	0.31
Turbidity	9	0	100	43.71	19.90	1.72
Total Suspended Solids	9	0	100	105.67	39.00	1.82
Volatile Suspended Solids	9	0	100	24.56	12.00	1.64
MBAS	9	0	100	0.08	0.06	0.41
Total Organic Carbon	9	0	100	7.48	7.50	0.26
BOD	9	0	100	7.68	0.05	2.08
Nutrients						
Dissolved Phosphorus	8	0	100	0.26	0.23	0.43
Total Phosphorus	8	0	100	0.29	0.26	0.41
NH3-N	9	0	100	0.36	0.05	1.89
Nitrate-N	9	0	100	4.72	3.59	0.50
Nitrite-N	9	0	100	0.40	0.05	1.35
TKN	9	0	100	2.27	1.00	0.90
Metals						
Dissolved Aluminum	9	8	11	S.I.D	S.I.D	S.I.D
Total Aluminum	9	4	56	316.56	123.00	1.67
Dissolved Antimony	9	9	0	S.I.D	S.I.D	S.I.D
Total Antimony	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Arsenic	9	9	0	S.I.D	S.I.D	S.I.D

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Mass Emission Site 14 San Gabriel River					
	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Total Arsenic	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Barium	9	0	100	40.42	2.50	0.19
Total Barium	9	0	100	43.12	41.70	0.18
Dissolved Beryllium	9	9	0	S.I.D	S.I.D	S.I.D
Total Beryllium	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Boron	9	1	89	202.44	205.00	0.52
Total Boron	9	0	100	235.22	205.00	0.40
Dissolved Cadmium	9	9	0	S.I.D	S.I.D	S.I.D
Total Cadmium	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Chromium	9	9	0	S.I.D	S.I.D	S.I.D
Total Chromium	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Chromium +6	9	9	0	S.I.D	S.I.D	S.I.D
Total Chromium +6	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Copper	9	8	11	S.I.D	S.I.D	S.I.D
Total Copper	9	0	100	8.56	7.69	0.28
Dissolved Iron	9	4	56	133.33	110.00	0.76
Total Iron	9	2	78	365.56	260.00	0.95
Dissolved Lead	9	9	0	S.I.D	S.I.D	S.I.D
Total Lead	9	8	11	S.I.D	S.I.D	S.I.D
Dissolved Manganese	9	9	0	S.I.D	S.I.D	S.I.D
Total Manganese	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Mercury	9	9	0	S.I.D	S.I.D	S.I.D
Total Mercury	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Nickel	9	3	67	5.02	5.49	0.44
Nickel	9	1	89	6.26	6.06	0.37
Dissolved Selenium	9	9	0	S.I.D	S.I.D	S.I.D
Total Selenium	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Silver	9	9	0	S.I.D	S.I.D	S.I.D
Total Silver	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Thallium	9	9	0	S.I.D	S.I.D	S.I.D
Total Thallium	9	9	0	S.I.D	S.I.D	S.I.D
Dissolved Zinc	9	8	11	S.I.D	S.I.D	S.I.D
Total Zinc	9	5	44	39.17	25.00	0.44
SVOCs						
Bis(2-ethylhexyl)phthalate	0	0	S.I.D	S.I.D	S.I.D	S.I.D
PAHs						
Acenaphthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Acenaphthylene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Antracene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(a)anthracene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(a)pyrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(b)fluoranthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Benzo(k)fluoranthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Chrysene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Dibenz(a,h)anthracene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Fluoranthene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Fluorene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Indeno (1,2,3-cd)pyrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Naphthalene	0	0	S.I.D	S.I.D	S.I.D	S.I.D

Table 4-4b. Summary of 2000-2001 Mass Emissions Results by Site

Class Constituent	Mass Emission Site 14 San Gabriel River					
	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Phenanthrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Pyrene	0	0	S.I.D	S.I.D	S.I.D	S.I.D
All other SVOCs	0	0	S.I.D	S.I.D	S.I.D	S.I.D
Pesticides						
Organochlorine Pesticides & PCBs	0	0	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	9	9	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	9	9	0	S.I.D.	S.I.D.	S.I.D.
Organo-Phosphate Pesticides						
Diazinon	9	9	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	9	9	0	S.I.D.	S.I.D.	S.I.D.
N- and P-Containing Pesticides						
Thiobencarb	9	9	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	63	63	0	S.I.D.	S.I.D.	S.I.D.
Phenoxyacetic Acid Herbicides						
2,4-D	0	0	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	0	0	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	0	0	0	S.I.D.	S.I.D.	S.I.D.

CV = Coeffiecient of variation

DL = Detection Limit

S.I.D. = Statistically Invalid Data, not enough data above detection limit collected

a) Criteria based on daily maximum

b) Criteria based on 30-day average

c) Criteria for the sum of acenaphthylene, anthracene, 1,2-benzanthracene, 3,4-benzofluoranthene, benzo(k)fluoranthene, 1,12-benzoperylene, benzo(a)pyrene, chrysene, dibenzo(ah)anthracene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene.

d) Criteria continuous concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for an extended period time (4 days) without deleterious effects.

e) Criterion expressed in the total recoverable form.

f) Criteria maximum concentration which equals the highest concentration of pollutant to which aquatic life can be exposed for a short period time without deleterious effects.

g) Except for indicator bacteria, there are no numerical water quality standards that apply to stormwater or "non-point source" pollution. Current federal and state numerical standards apply only to "point source pollution," such as sanitary sewage, industrial and commercial discharges to the ocean, and other waterbodies. Water quality standards described in the 1995 Los Angeles Region Basin Plan or the 1997 California Ocean Plan do not apply to stormwater runoff, and any exceedance of values should not indicate violation nor noncompliance with the plans. Furthermore, a direct comparison of the sampling results with the Ocean Plan standards cannot be made since the results presented in the table are detected values before dilution, a factor allowed by the Ocean Plan.

h) Detection limtis have changed throughout the monitoring process. Only data matching the current detection limit is displayed in this table. The *Data Included Since* field indicates the first year of the storm season with the current detection limit.

TW P:\EPPUB\WATER\MONITOR\REPORTS\MONITORING REPORTS\1999-00\WQ DATA\9400_ME\SEASON_9400_ME.XLS