

**Table 4-9. Cumulative Event Mean Concentrations
1994-2000 Storm Season**

GROUP	Constituent	Unit	High Density Single Family Residential	Light Industrial	Vacant	Retail/ Commercial	Multi-family Residential	Transportation	Education	Mixed Residential
GENERAL MINERALS	Dissolved Phosphorus	mg/ℓ	0.29	0.28	0.06	0.30	0.16	0.36	0.27	0.20
	Kjeldahl-N	mg/ℓ	2.80	3.07	0.81	3.37	1.86	1.81	1.62	2.70
	NH3-N	mg/ℓ	0.36	0.48	0.08	0.91	0.38	0.23	0.26	0.58
	Nitrate-N	mg/ℓ	1.04	0.86	1.11	0.58	1.73	0.75	0.63	0.71
	Nitrite-N	mg/ℓ	0.09	0.09	0.05	0.14	0.08	0.09	0.08	0.10
	Suspended Solids	mg/ℓ	104.65	229.37	164.68	67.40	46.35	75.35	103.02	69.06
	Total Phosphorus	mg/ℓ	0.39	0.44	0.11	0.41	0.19	0.44	0.31	0.26
HEAVY METALS (DISSOLVED)	Dissolved Cadmium	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Dissolved Chromium	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Dissolved Copper	µg/ℓ	8.44	20.22	n/m	14.60	6.75	32.68	12.80	11.52
	Dissolved Lead	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Dissolved Mercury	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Dissolved Nickel	µg/ℓ	n/m	4.85	n/m	n/m	n/m	3.73	n/m	n/m
	Dissolved Selenium	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Dissolved Silver	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
Dissolved Zinc	µg/ℓ	39.11	460.19	n/m	164.12	75.36	203.89	65.97	125.83	
HEAVY METALS (TOTAL)	Total Cadmium	µg/ℓ	n/m	n/m	n/m	0.71	n/m	1.05	n/m	n/m
	Total Chromium +6	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Total Copper	µg/ℓ	15.30	31.04	9.12	34.77	12.23	51.86	21.49	17.33
	Total Lead	µg/ℓ	9.59	14.87	n/m	11.53	5.13	9.08	4.53	8.70
	Total Mercury	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Total Nickel	µg/ℓ	n/m	8.92	n/m	6.71	n/m	5.76	4.65	n/m
	Total Selenium	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Total Silver	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
Total Zinc	µg/ℓ	80.35	565.60	38.81	238.53	134.88	279.45	123.69	184.85	
MISCELLANEOUS	Cyanide	mg/ℓ			n/m					n/m
	Oil and Grease	mg/ℓ	1.36	1.87	n/m	3.65		3.19		n/m
	Total Petroleum Hydrocarbons	mg/ℓ	1.36	1.87	n/m	3.65		3.19		n/m
	Total Phenols	mg/ℓ	n/m	n/m	n/m	n/m		n/m		n/m

Notes:

n/m : Not meaningful, not enough data above detection limit

Blank cells: No data available

**Table 4-9. Cumulative Event Mean Concentrations
1994-2000 Storm Season (cont'd)**

GROUP	Constituent	Unit	High Density Single Family Residential	Light Industrial	Vacant	Retail/ Commercial	Multi-family Residential	Transportation	Education	Mixed Residential
BACTERIA	Fecal Coliform	MPN/100m ^l	1085353.71	653070.36	2174.82	1071656.51		1340166.71		n/m
	Fecal Enterococcus	MPN/100m ^l	904554.87	128807.20	1043.87	105085.69		34660.95		
	Fecal Streptococcus	MPN/100m ^l	1360392.59	356792.16	3618.32	279561.99		300525.54		n/m
	Total Coliform	MPN/100m ^l	1395690.90	508710.38	21288.48	1733009.14		806939.80		n/m
PESTICIDES	Chlordane	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Chlorpyrifos	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Diazinon	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Malathion	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	p,p' DDT	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1016	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1221	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1232	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1242	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1248	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1254	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	PCB-1260	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
	Simazine	µg/ℓ	n/m	n/m	n/m	n/m	n/m	n/m	n/m	n/m
SEMIVOLATILES	Acenaphthene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Acenaphthylene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Antracene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Benzo(a)anthracene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		0.39
	Benzo(a)pyrene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Benzo(b)fluorant	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Benzo(k)fluorant	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Chrysene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		0.79
	Dibenz(a,h)anthrecene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Fluoranthene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		0.33
	Fluorene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Indeno (1,2,3-cd) pyrene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Naphthalene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		n/m
	Phenanthrene	µg/ℓ	n/m	n/m	n/m		n/m	n/m		0.73
Pyrene	µg/ℓ	1.50	n/m	n/m		n/m	n/m		0.53	

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