

**Table 4-11a. ESTIMATED MASS POLLUTANT LOADING  
UNMONITORED SMBRP BASINS  
UNMONITORED WATERSHED**

LANDUSE

HDSFR.....15.5%  
Light Ind..... 0.6%  
Vacant.....63.4%  
Retail/Comm..... 1.6%  
Multi-Fam.Res..... 3.4%  
Transportation..... 2.1%  
Education..... 1.3%  
Mixed Residential... 0.9%  
All Other.....11.2%

Total Area: 174 mi.<sup>2</sup>

Overall Imperviousness: 0.18

GROUP	CONSTITUENTS	SEASONAL LOAD (lb.)					
		1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
GENERAL MINERALS	Suspended Solids	n/a	306,000,000	3,560,000	21,800,000	2,560,000	16,600,000
HEAVY METALS (DISSOLVED)	Dissolved Cadmium	n/a	n/a	n/a	19.6	n/a	n/a
	Dissolved Copper	1,670	341	574	1,910	392	561
	Dissolved Lead	n/a	n/a	n/a	559	n/a	n/a
	Dissolved Zinc	2,340	1,910	5,780	19,000	4,610	3,980
HEAVY METALS (TOTAL)	Total Copper	3,990	6,340	2,520	4,790	615	1,140
	Total Lead	276	2,330	1,260	2,120	86.9	115
	Total Mercury	n/a	n/a	n/a	n/a	n/a	n/a
	Total Zinc	26,000	7,910	10,200	36,900	5,770	5,100
PESTICIDES	Chlorpyrifos	n/a	n/a	n/a	n/a	n/a	n/a
	Diazinon	n/a	n/a	n/a	n/a	16.9	n/a
MISCELLANEOUS	Cyanide	n/a	n/a	n/a	n/a	n/a	n/a

1999-2000 Additional Constituents of Concern

GENERAL MINERALS	Total Dissolved Solids	n/a	n/a	n/a	n/a	n/a	12,000,000
HEAVY METALS	Total Aluminum	n/a	n/a	n/a	n/a	n/a	36,700
	Dissolved Nickel	n/a	n/a	18.6	79.0	31.4	53.3
	Nickel	817	403	308	562	119	335
PAHs	Phenanthrene	n/a	n/a	n/a	n/a	n/a	1.09
	Pyrene	n/a	n/a	n/a	n/a	n/a	32.2
NUTRIENTS	Dissolved Phosphorus	n/a	22,920	19,600	46,600	9,300	14,800
	Total Phosphorus	n/a	1,380,000	37,000	53,200	10,800	23,400
	NH3-N	n/a	25,400	8,310	52,700	28,200	22,300
	Nitrate-N	n/a	172,000	127,000	127,000	39,900	111,000
	Nitrite-N	n/a	3,590,000	6,930	13,500	3,020	7,480
	TKN	n/a	4,440,000	182,000	332,000	104,000	180,000

n/m = Not meaningful, not enough data above detection limit collected.

n/a = No data available.

**Table 4-11b. ESTIMATED MASS POLLUTANT LOADING  
SANTA CLARA RIVER  
UNMONITORED WATERSHED**

LANDUSE  
HDSFR..... 1.8%  
Light Ind..... 0.3%  
Vacant.....88.2%  
Retail/Comm..... 0.2%  
Multi-Fam.Res.... 0.3%  
Transportation..... 0.4%  
Education..... 0.2%  
Mixed Residential. 0%  
All Other.....8.6%

Total Area: 653 mi.<sup>2</sup>  
Overall Imperviousness: 0.07

GROUP	CONSTITUENT	SEASONAL LOAD (lb.)					
		1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
GENERAL MINERALS	Suspended Solids	n/a	900,000,000	10,300,000	71,900,000	5,300,000	41,200,000
HEAVY METALS (DISSOLVED)	Dissolved Cadmium	n/a	n/a	n/a	13.0	n/a	n/a
	Dissolved Copper	697	414	465	3,320	440	521
	Dissolved Lead	n/a	n/a	n/a	1,650	n/a	n/a
	Dissolved Zinc	1,140	4,800	15,800	46,800	9,310	10,300
HEAVY METALS (TOTAL)	Total Copper	1,660	16,100	3,740	10,400	737	1,570
	Total Lead	135	9,000	740	3,710	159	179
	Total Mercury	n/a	n/a	n/a	n/a	n/a	n/a
	Total Zinc	10,900	12,300	18,900	104,000	10,300	13,000
PESTICIDES	Chlorpyrifos	n/a	n/a	n/a	n/a	n/a	n/a
	Diazinon	n/a	n/a	n/a	n/a	1.33	n/a
MISCELLANEOUS	Cyanide	n/a	n/a	n/a	n/a	n/a	n/a

1999-2000 Additional Constituents of Concern

GENERAL MINERALS	Total Dissolved Solids	n/a	n/a	n/a	n/a	n/a	29,000,000
HEAVY METALS	Total Aluminum	n/a	n/a	n/a	n/a	n/a	93,400
	Dissolved Nickel	n/a	n/a	81.0	482	75.8	138
	Nickel	327	410	301	1,080	152	809
PAHs	Phenantrene	n/a	n/a	n/a	n/a	n/a	n/a
	Pyrene	n/a	n/a	n/a	n/a	n/a	15.0
NUTRIENTS	Dissolved Phosphorus	n/a	8,780	25,400	94,100	9,260	15,500
	Total Phosphorus	n/a	3,560,000	52,600	108,000	10,900	27,100
	NH3-N	n/a	28,400	20,900	90,500	22,800	21,100
	Nitrate-N	n/a	319,000	215,000	403,000	67,200	226,000
	Nitrite-N	n/a	8,200,000	9,550	13,100	2,970	9,130
	TKN	n/a	28,400	222,000	630,000	155,000	232,000

n/m = Not meaningful, not enough data above detection limit collected.

n/a = No data available.

**Table 4-11c. ESTIMATED MASS POLLUTANT LOADING  
DOMINGUEZ CHANNEL / L.A. HARBOR  
UNMONITORED WATERSHED**

LANDUSE

HDSFR.....	34.2%
Light Ind.....	13.2%
Vacant.....	2.5%
Retail/Comm.....	6.2%
Multi-Fam.Res.....	5.8%
Transportation.....	4.7%
Education.....	3.7%
Mixed Residential.	4.3%
All Other.....	25.4%

Total Area: 110 mi.<sup>2</sup>  
Overall Imperviousness: 0.62

GROUP	CONSTITUENT	SEASONAL LOAD (lb.)					
		1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
GENERAL MINERALS	Suspended Solids	n/a	33,000,000	8,740,000	41,500,000	6,320,000	12,600,000
HEAVY METALS (DISSOLVED)	Dissolved Cadmium	n/a	n/a	n/a	41.9	n/a	n/a
	Dissolved Copper	2,210	993	1,040	4,480	783	915
	Dissolved Lead	n/a	n/a	n/a	2,040	n/a	n/a
	Dissolved Zinc	4,960	8,040	25,400	57,900	13,400	13,600
HEAVY METALS (TOTAL)	Total Copper	5,220	4,110	5,230	8,090	1,300	1,520
	Total Lead	586	12,900	1,940	5,180	251	260
	Total Mercury	n/a	n/a	n/a	n/a	n/a	n/a
	Total Zinc	35,600	22,900	26,200	93,100	15,500	17,200
PESTICIDES	Chlorpyrifos	n/a	n/a	n/a	n/a	n/a	n/a
	Diazinon	n/a	n/a	n/a	n/a	42.0	n/a
MISCELLANEOUS	Cyanide	n/a	n/a	n/a	n/a	n/a	n/a

1999-2000 Additional Constituents of Concern

GENERAL MINERALS	Total Dissolved Solids	n/a	n/a	n/a	n/a	n/a	7,350,000
HEAVY METALS	Total Aluminum	n/a	n/a	n/a	n/a	n/a	40,600
	Dissolved Nickel	n/a	n/a	117	487	93.5	176
	Nickel	926	839	630	1,600	241	446
PAHs	Phenantrene	n/a	n/a	n/a	n/a	n/a	2.72
	Pyrene	n/a	n/a	n/a	n/a	n/a	37.1
NUTRIENTS	Dissolved Phosphorus	n/a	32,400	27,900	74,000	17,400	19,500
	Total Phosphorus	n/a	695,000	56,400	87,700	20,600	29,600
	NH3-N	n/a	71,600	34,800	79,700	59,400	38,300
	Nitrate-N	n/a	167,000	127,000	89,500	48,100	92,000
	Nitrite-N	n/a	1,650,000	9,720	25,800	5,890	9,570
	TKN	n/a	1,450,000	283,000	537,000	201,000	225,000

n/m = Not meaningful, not enough data above detection limit collected.

n/a = No data available.