TABLE 1

LOADING ESTIMATES FROM INACTIVE MINES WITH PERENNIAL DISCHARGES DURING A DROUGHT PERIOD, 1987-91

	Total Annual Loads in Kilograms (Percent of Total in Parentheses) (NA=not available; ND=not detected)[7]					
Mine Site Discharge	Cadmium		Copper		Zinc	
SCDD[3]	1,529	(85)	36,300	(57)	209,352	(80)
Little Backbone Creek and Shoemaker Gulch mines[5]	186	(10)	19,961	(30)	36,760	(14)
West Squaw Creek mines[4]	38	(2.1)	6,928	(11)	7537	(2.9)
SRCSD (1985)[2]	60		2,863		15,340	
Afterthought[1]	12	(0.66)	488	(0.76)	3,008	(1.15)
Rising Star	12	(0.66)	260	(0.41)	2,603	(1.00)
Valley View	19	(1.1)	428	(0.67)	850	(0.33)
Kanaka Creek mines	NA	(0.00)	NA	(0.00)	NA	(0.00)
Spanish (upper and lower)	0.66	(0.037)	61	(0.09)	191	(0.07)
Brush Creek	ND	(0.00)	1.3	(0.002)	ND	(0.00)
Bully Hill	7	(0.37)	135	(0.21)	359	(0.14)
Spenceville	0.09	(0.005)	175	(0.27)	144	(0.06)
Greenhorn	1	(0.05)	122	(0.19)	232	(0.09)
Corona	ND	(0.00)	ND	(0.00)	18	(0.01)
Plumbago	ND	(0.00)	0.21	(0.00)	ND	(0.00)
Malakoff Diggings	ND	(0.00)	14	(0.02)	28	(0.01)
Empire	ND	(0.00)	ND	(0.00)	2.9	(0.00)
Lucky S	0.31	(0.02)	8.2	(0.01)	34	(0.01)
Lava Cap	0.04	(0.002)	0.37	(0.001)	3.4	(0.00)
Columbo	ND	(0.00)	ND	(0.00)	ND	(0.00)
Walker	0.002	(0.00)	4	(0.01)	0.18	(0.00)
Iron Dyke (Taylors Creek)	0.032	(0.002)	1.3	(0.002)	1.1	(0.00)
Twin Peaks	0.001	(0.00)	ND	(0.00)	0.22	(0.00)
Pick and Shovel	ND	(0.00)	ND	(0.00)	0.98	(0.00)
Reed	ND	(0.00)	ND	(0.00)	0.1	(0.00)
Anderson Springs	ND	(0.00)	0.27	(0.00)	1.8	(0.00)
Champion	0.05	(0.003)	0.07	(0.00)	0.78	(0.00)
Great Western	ND	(0.00)	0.01	(0.00)	0.16	(0.00)
Turkey Run	ND	(0.00)	ND	(0.00)	ND	(0.00)
TOTAL LOADS[6]	**1,805**		**63,889**		**261,128**	

Subject to regulatory and legal requirements

[1]Loads were calculated using data from 1984.

[2]Sacramento Regional County Sanitation District wastewater treatment plant loads, 1985.

[3]SCDD = Spring Creek Debris Dam release. The SCDD watershed drains Iron Mt. and Stowell Mines.

[4]The sum of the loads coming from Balaklala, Keystone, Early Bird, and Shasta King Mines.

[5]The sum of the loads coming from Mammoth, Golinsky, and Sutro Mines.

[6]Excludes SRCSD loads.

[7]Loading values do not exclude uncertain digits.