

APPENDIX A

Table 2 - Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Groundwater

REGULATED SUBSTANCE	CASRN	USED AQUIFERS								NON-USE AQUIFERS			
		TDS = 2500				TDS > 2500				R		NR	
		R		NR		R		NR		R		NR	
ANTIMONY	7440360	6	M	6	M	600	M	600	M	6000	M	6000	M
ARSENIC	7440382	50	M	50	M	5000	M	5000	M	50000	M	50000	M
ASBESTOS (fibers/L)	12001295	7,000,000	M	7,000,000	M	7,000,000	M	7,000,000	M	7,000,000	M	7,000,000	M
BARIUM AND COMPOUNDS	7440393	2000	M	2000	M	200000	M	200000	M	2000000	M	2000000	M
BERYLLIUM	7440417	4	M	4	M	400	M	400	M	4000	M	4000	M
BORON AND COMPOUNDS	7440428	600	H	600	H	60000	H	60000	H	600000	H	600000	H
CADMIUM	7440439	5	M	5	M	500	M	500	M	5000	M	5000	M
CHROMIUM (III)	16065831	100	M	100	M	10000	M	10000	M	100000	M	100000	M
CHROMIUM (VI)	18540299	[180] 100	[G] M	[540] 100	[G] M	[18000] 10000	[G] M	[54000] 10000	[G] M	[180000] 100000	[G] M	[540000] 100000	[G] M
COBALT	7440484	2200	G	6100	G	220000	G	610000	G	2200000	G	6100000	G
COPPER	7440508	1000	M	1000	M	100000	M	100000	M	1000000	M	1000000	M
CYANIDE, FREE	57125	200	M	200	M	20000	M	20000	M	200000	M	200000	M
LEAD	7439921	5	M	5	M	500	M	500	M	5000	M	5000	M
MERCURY	7439976	2	M	2	M	200	M	200	M	2000	M	2000	M
NICKEL	7440020	100	H	100	H	10000	H	10000	H	100000	H	100000	H
NITRATE NITROGEN	14797558	10000	M	10000	M	1000000	M	1000000	M	10000000	M	10000000	M
NITRITE NITROGEN	14797650	1000	M	1000	M	100000	M	100000	M	1000000	M	1000000	M
SELENIUM	7782492	50	M	50	M	5000	M	5000	M	50000	M	50000	M
SILVER	7440224	100	H	100	H	10000	H	10000	H	100000	H	100000	H
SULFATE		500000	M	500000	M	50000000	M	50000000	M	500000000	M	500000000	M
THALLIUM	7440280	2	M	2	M	200	M	200	M	2000	M	2000	M
TIN	7440315	22000	G	61000	G	2200000	G	6100000	G	22000000	G	61000000	G
VANADIUM	7440622	[2.4] 260	G	[5.8] 720	G	[240] 26000	G	[580] 72000	G	[2400] 260000	G	[5800] 720000	G
ZINC AND COMPOUNDS	7440666	2000	H	2000	H	200000	H	200000	H	2000000	H	2000000	H

Secondary Contaminants

All concentrations in ug/L (except asbestos)

M = Maximum Contaminant Level	
H = Lifetime Advisory Level	SMCL
SMCL = Secondary Maximum Contaminant Level	200

G = Ingestion
N = Inhalation

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		TDS = 2500		TDS > 2500		R	NR
		R	NR	R	NR		
CHLORIDE		250,000					
FLUORIDE		2,000					
IRON		300					
MANGANESE		50					

All concentrations in ug/L (except asbestos)
M = Maximum Contaminant Level
H = Lifetime Health Advisory Level
SMCL = Secondary Maximum Contaminant Level
G = Ingestion
N = Inhalation