

**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		
ANTIMONY	7440-36-0	6 M	6 M	600 M	600 M	6000 M	6000 M
ARSENIC	7440-38-2	50 M	50 M	5000 M	5000 M	50000 M	50000 M
ASBESTOS	12001-29-5	7,000,000 M fibers/L	7,000,000 M fibers/L	7,000,000 M fibers/L	7,000,000 M fibers/L	7,000,000 M fibers/L	7,000,000 M fibers/L
BARIUM AND COMPOUNDS	7440-39-3	2000 M	2000 M	200000 M	200000 M	2000000 M	2000000 M
BERYLLIUM	7440-41-7	4 M	4 M	400 M	400 M	4000 M	4000 M
BORON AND COMPOUNDS	7440-42-8	600 H	600 H	60000 H	60000 H	600000 H	600000 H
CADMIUM	7440-43-9	5 M	5 M	500 M	500 M	5000 M	5000 M
CHROMIUM (TOTAL)	7440-47-3	100 M	100 M	10000 M	10000 M	100000 M	100000 M
COBALT	7440-48-4	730 G	2000 G	73000 G	200000 G	730000 G	2000000 G
COPPER	7440-50-8	1000 M	1000 M	100000 M	100000 M	1000000 M	1000000 M
CYANIDE, FREE	57-12-5	200 M	200 M	20000 M	20000 M	200000 M	200000 M
LEAD	7439-92-1	5 M	5 M	500 M	500 M	5000 M	5000 M
MERCURY	7439-97-6	2 M	2 M	200 M	200 M	2000 M	2000 M
NICKEL	7440-02-0	100 H	100 H	10000 H	10000 H	100000 H	100000 H
NITRATE NITROGEN	14797-55-8	10000 M	10000 M	1000000 M	1000000 M	10000000 M	10000000 M
NITRITE NITROGEN	14797-65-0	1000 M	1000 M	100000 M	100000 M	1000000 M	1000000 M
SELENIUM	7782-49-2	50 M	50 M	5000 M	5000 M	50000 M	50000 M
SILVER	7440-22-4	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

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

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		R	NR	R	NR		
THALLIUM	7440-28-0	2 M	2 M	200 M	200 M	2000 M	2000 M
TIN	7440-31-5	22000 G	61000 G	2200000 G	6100000 G	22000000 G	61000000 G
VANADIUM	7440-62-2	260 G	720 G	26000 G	72000 G	260000 G	720000 G
ZINC AND COMPOUNDS	7440-66-6	2000 H	2000 H	200000 H	200000 H	2000000 H	2000000 H

**Secondary Contaminants**

REGULATED SUBSTANCE	SMCL
ALUMINUM	200
CHLORIDE	250,000
FLUORIDE	2,000
IRON	300
MANGANESE	50

All concentrations in ug/L (except asbestos)  
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