

**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		
LITHIUM	<u>7439-93-2</u>	<u>730 G</u>	<u>2,000 G</u>	<u>73,000 G</u>	<u>200,000 G</u>	<u>730,000 G</u>	<u>2,000,000 G</u>
MANGANESE	<u>7439-96-5</u>	<u>300 H</u>	<u>300 H</u>	<u>30,000 H</u>	<u>30,000 H</u>	<u>300,000 H</u>	<u>300,000 H</u>
[SULFATE]		[500,000] [M]	[500,000] [M]	[50,000,000] [M]	[50,000,000] [M]	[500,000,000] M	[500,000,000] [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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<b>SECONDARY CONTAMINANTS</b>			
<b>REGULATED SUBSTANCE</b>	<b>CASRN</b>	<b>SMCL</b>	<b>UNITS</b>
<u>COLOR</u>		<u>15</u>	<u>color units</u>
<u>CORROSIVITY</u>		non-corrosive	
<u>FOAMING AGENTS</u>		<u>500</u>	<u>µg/L</u>
<u>ODOR</u>		<u>3</u>	<u>threshold odor numbers</u>
<u>pH</u>		<u>6.5-8.5</u>	
<u>SULFATE</u>	<u>7757-82-6</u>	<u>250,000</u>	<u>µg/L</u>
<u>TOTAL DISSOLVED SOLIDS (TDS)</u>		<u>500,000</u>	<u>µg/L</u>

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SMCL = Secondary Maximum Contaminant Level  
G = Ingestion  
N = Inhalation