

• **Attachment B**

• **Groundwater Water Quality Objectives**

Constituent of Concern	Practical Quantitation Limit ug/l	Water Quality Objective1 ug/l
Gasoline	<50	5.0 ^a
Diesel	<50	100 ^a
Benzene	<0.5	1.0 ^b
Toluene	<0.5	42 ^c
Xylene	<0.5	17 ^c
Ethylbenzene	<0.5	29 ^c
Methyl-tertiary butyl ether (MTBE)	<0.5	15 ^a
Motor Oil	<175	None Available

¹ Practical quantitation limits are based on current technology. For instances where technology cannot achieve the water quality objective the practical quantitation limit will be used

^a. Published literature provides a taste and odor threshold which is applied to the narrative TASTE and ODOR water quality objective of the Basin Plan.

^b.California Maximum Contaminant Level (MCL) for protection of domestic supply, Title 22 Section 64444.5.

^c. US EPA Secondary MCLs provide a taste and odor threshold which is applied to the narrative TASTE and ODOR water quality objective of the Basin Plan.

Attachment B

- Enclosed Bays and Estuaries Water Quality Objectives

Constituent of Concern	Practical Quantitation Limit ug/l	Water Quality Objective ¹ ug/l
Gasoline	<50	None available
Diesel	<50	None available
Benzene	<0.5	71 ^e
Toluene	<0.5	200,000 ^e
Xylene	<0.5	None Available
Ethylbenzene	<0.5	29,000 ^e
Methyl-tertiary butyl ether (MTBE)	<0.5	None Available
Motor Oil	<175	None Available

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^eCalifornia Toxics Rule Criteria, Enclosed Bays and Estuaries, Human Health (30-day average) Consumption Water & Aquatic Organisms applied to TOXICITY water quality objective in the Basin Plan.