

# Attachment A

## Groundwater Water Quality Objectives

Constituent of Concern	Practical Quantitation Limit µg/L	Water Quality Objective <sup>1</sup> µg/L
Gasoline	50	5 <sup>2</sup>
Benzene	0.5	0.15 <sup>3</sup>
Toluene	0.5	42 <sup>4</sup>
Ethylbenzene	0.5	29 <sup>4</sup>
Xylenes	0.5	17 <sup>4</sup>
Methyl tert-butyl ether	1	5 <sup>5</sup>
Ethanol	50	760,000 <sup>6</sup>

<sup>1</sup>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.

<sup>2</sup>Published literature provides a taste and odor threshold of 5 µg/L, which is applied to the narrative TASTE AND ODOR water quality objective of the Basin Plan.

<sup>3</sup>California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment), which is applied to the narrative TOXICITY water quality objective in the Basin Plan.

<sup>4</sup>US EPA taste and odor threshold, Federal Register 54 (97):22064-22138, which is applied to the narrative TASTE AND ODOR water quality objective in the Basin Plan.

<sup>5</sup>California Department of Health Services Secondary Maximum Contaminant Level, which is applied to the narrative TASTE AND ODOR water quality objective in the Basin Plan.

<sup>6</sup>Published literature provides a taste and odor threshold of 760,000 µg/L, which is applied to the narrative TASTE AND ODOR water quality objective of the Basin Plan.