

Attachment A

Groundwater Water Quality Objectives

Constituent of Concern	Practical Quantitation Limit ¹ µg/L	Water Quality Objective µg/L
Diesel	50	100 ²
Motor oil	175	1.0 ³
Benzene	0.5	0.15 ⁴
Toluene	0.5	42 ⁵
Ethylbenzene	0.5	29 ⁵
Xylenes	0.5	17 ⁵
Ethylene glycol	5,000	14,000 ⁶

- 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.
- ² Published literature provides a taste and odor threshold of 100 µg/L which is applied to the narrative TASTE AND ODOR water quality objective of the Basin Plan.
- ³ US EPA health advisory Suggested No Adverse Response Level (SNARL) of 0.1 µg/L to 1.0 µg/L applied to TOXICITY water quality objective in the Basin Plan.
- ⁴ California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment) applied to TOXICITY water quality objective in the Basin Plan.
- ⁵ 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.
- ⁶ California State Notification Level