

# Attachment B

## Petroleum Constituents of Concern Water Quality Objectives Table

CHEMICAL	BACKGROUND LEVEL	WATER QUALITY OBJECTIVE
1,2-DCA	<0.25	0.5 ug/l <sup>1</sup>
Benzene	<0.5 ug/l	0.15 ug/l <sup>2</sup>
Toluene	<0.5 ug/l	42 ug/l <sup>3</sup>
Xylenes	<0.5 ug/l	17 ug/l <sup>4</sup>
Ethyl Benzene	<0.5 ug/l	29 ug/l <sup>5</sup>
Total Petroleum Hydrocarbons as Gasoline	<50 ug/l	50 ug/l <sup>6</sup>
Total Petroleum Hydrocarbons as Diesel	<50 ug/l	100 ug/l <sup>7</sup>
Methyl-Tertiary Butyl Ether (MTBE)	<5 ug/l	5 ug/l <sup>8</sup>
Tertiary-Butyl Alcohol	< 12 µg/l	12 µg/l <sup>9</sup>

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<sup>1</sup> California Department of Health Services MCL

<sup>2</sup> California Public Health Goal or PHG

<sup>3</sup> USEPA taste and odor threshold, Federal Register 54(97):22064-22138

<sup>4</sup> USEPA taste and odor threshold, Federal Register 54(97):22064-22138

<sup>5</sup> USEPA taste and odor threshold, Federal Register 54(97):22064-22138

<sup>6</sup> Taste and odor threshold is 5 ug/l, but detection limit is 50 ug/l and is controlling

<sup>7</sup> U.S. EPA Suggested-No-Adverse-Response Level

<sup>8</sup> California Dept of Health Services Secondary MCL (taste & odor or welfare-based)

<sup>9</sup> California State Action Levels (Department of Health Services)