

## Staff-Recommended CEQA Thresholds of Significance

This table revises and updates the proposed significance thresholds in the draft September 2009 CEQA Guidelines

POLLUTANT	STAFF RECOMMENDED CONSTRUCTION-RELATED	EXISTING CONSTRUCTION-RELATED	STAFF RECOMMENDED OPERATIONAL-RELATED		EXISTING OPERATIONAL-RELATED	
			Maximum Daily Emissions (lb/day)	Annual Emissions (tpy)	Maximum Daily Emissions (lb/day)	Annual Emissions (tpy)
<b>Project - Level</b>						
<b>Criteria Air Pollutants and Precursors (Regional)</b>	<b>Maximum Daily Emissions (lb/day)</b>		<b>Maximum Daily Emissions (lb/day)</b>	<b>Annual Emissions (tpy)</b>	<b>Maximum Daily Emissions (lb/day)</b>	<b>Annual Emissions (tpy)</b>
<b>ROG (reactive organic gases)</b>	54	None	54	10	80	15
<b>NO<sub>x</sub> (nitrogen oxides)</b>	54	None	54	10	80	15
<b>PM<sub>10</sub> (particulate matter exhaust)</b>	82	None	82	15	80	15
<b>PM<sub>2.5</sub> (particulate matter exhaust)</b>	54	None	54	10	None	None
<b>Fugitive Dust</b>	Best Management Practices	Same	54	10	None	None
<b>Criteria Air Pollutants and Precursors (Local CO)</b>	None	None	9.0 ppm (8-hour average), 20.0 ppm (1-hour average)		Same	
<b>GHGs – Projects other than Stationary Sources</b>	None	None	Compliance with Qualified Climate Action Plan OR Threshold of 1,100 MT of CO <sub>2</sub> e/yr OR 6.7 MT CO <sub>2</sub> e/capita/yr (residential) 4.6 MT CO <sub>2</sub> e/SP/yr (mixed use)		None	
<b>GHGs –Stationary Sources</b>	None	None	10,000 MT/yr		None	
<b>Risks and Hazards – Siting a New Source or Receptor</b>	Cancer Risk > 10 in a million Non-Cancer Hazard Index >1.0  PM <sub>2.5</sub> level > 0.3 µg/m <sup>3</sup> annual average	None	Compliance with Qualified Local Community Risk Reduction Plan OR Cancer Risk >10 in a million and Non-Cancer Hazard Index >1.0 and PM <sub>2.5</sub> level > 0.3 µg/m <sup>3</sup> annual average  <u>Zone of Influence:</u> 1,000 foot radius from fence line of source or receptor		Cancer Risk > 10 in a million  Non-Cancer Hazard Index > 1.0	

POLLUTANT	STAFF RECOMMENDED CONSTRUCTION-RELATED	EXISTING CONSTRUCTION-RELATED	STAFF RECOMMENDED OPERATIONAL-RELATED	EXISTING OPERATIONAL-RELATED
<b>Risks and Hazards – Cumulative Significance Criteria (Source or Receptor)</b>	<p>Cancer Risk &gt; 100 in a million  Non-Cancer Hazard Index &gt; 1.0  PM<sub>2.5</sub> level &gt; 0.8 µg/m<sup>3</sup> annual average</p> <p><u>Zone of Influence:</u> 1,000 foot radius from fence line of source or receptor</p>	None	<p>Compliance with Qualified Local Community Risk Reduction Plan  OR  Cancer Risk &gt; 100 in a million and Non-cancer Hazard Index &gt; 1.0 and PM<sub>2.5</sub> level &gt; 0.8 µg/m<sup>3</sup> annual average</p> <p><u>Zone of Influence:</u> 1,000 foot radius from fence line of source or receptor</p>	None
<b>Odors</b>	None	None	Screening Level Distances and Complaint History	Screening Level Distances and Complaint History
<b>Plan Level</b>				
<b>Criteria Air Pollutants and Precursors (Regional and Local)</b>	None	None	<p>Consistency with Current Air Quality Plan control measures  AND  Rate of VMT increase or vehicle trips is less than the rate of increase in the Plan's population growth rate</p>	The jurisdiction's rate of VMT increase is equal or lower than the population growth rate assumed in the Clean Air Plan's emission inventory
<b>GHGs</b>	None	None	<p>Qualified Climate Action Plan</p> <ul style="list-style-type: none"> <li>- emissions inventory</li> <li>- reduction goal consistent with AB32</li> <li>- implementation measures</li> <li>- monitoring</li> </ul> <p>OR</p> <p>6.7 MT CO<sub>2</sub>e/capita/yr (residential)  4.6 MT CO<sub>2</sub>e/SP/yr (mixed use)</p>	None
<b>Risks and Hazards/Odors</b>	None	None	<p><u>Special Overlay zones around:</u></p> <ul style="list-style-type: none"> <li>• existing or planned sources of TACs and odors;</li> <li>• Community Risk Reduction Plan areas</li> <li>• 500 feet on each side of all freeways and high volume roadways.</li> </ul>	None

Notes: CEQA = California Environmental Quality Act; CO = carbon monoxide; CO<sub>2</sub>e = carbon dioxide equivalent; GHGs = greenhouse gases; lb/day = pounds per day; MT = metric tons; NO<sub>x</sub> = oxides of nitrogen; PM<sub>2.5</sub>= fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; PM<sub>10</sub> = respirable particulate matter with an aerodynamic resistance diameter of 10 micrometers or less; ppm = parts per million; ROG = reactive organic gases; SO<sub>2</sub> = sulfur dioxide; SP = service population; TACs = toxic air contaminants; TBP = toxic best practices; tons/day = tons per day; tpy = tons per year; yr= year; TBD: to be determined.

(Revised 10-7-2009)