Oil & our Air Officials

The San Francisco Bay Area hosts the second biggest oil refining center in western North America, after LA. Chevron, Shell, Phillips 66, Tesoro and Valero run refineries here. From its smokestacks to its refined products, oil refining is the biggest air polluter in the region. The Bay Area Air Quality Management District is responsible for controlling air pollution these refineries emit. The Air District is a public agency. Our local elected officials make up its Board of Directors.

What ARE They Doing?

Air District Staff admits:
— refinery emissions of GHG and deadly particulates are increasing (and have been, for 15–25 years).
— that it needs time to fix its permit rules for controlling emissions from projects for refining low quality oil.
— toxic air contaminant emissions from refineries are not monitored.

... Yet they say they will not
... set any limits on the refinery-wide emissions to stop emissions from increasing even more now.
... stop approving permits for projects to refine low quality, higher-emitting oil that further increase emissions.
... stop allowing the oil refiners to monitor their own pollution.

What SHOULD They Do?

Now they propose to
— let refinery emissions increase to the maximum capacity to emit, after approving permits for ‘dirtier’ oil.
— catch up on emission controls in a few parts of the refineries that are mostly already required elsewhere.
— let oil refiners draft their own air pollution control requirements using secret data.

The Air District Should
ADOPT limits at current emission rates to stop further increases in the refineries’ emissions immediately.
ADMIT renewable energy is an available emission control and make refiners give workers jobs building it.
STOP oil refinery self-regulation and ADOPT a MORATORIUM on new permits for ‘dirtier’ oil projects.

more on next page


**A Community-Based Clean Air Solution**

Community, environment, worker, and academic organizations who have joined CBE in asking the Bay Area Air District for enforceable numeric limits on refinery-wide emissions that stop the emissions from increasing:

- 350 Bay Area
- Asian Pacific Environmental Network
- Bay Area Refinery Corridor Coalition
- Benicians for a Safe and Healthy Community
- BlueGreen Alliance
- California Nurses Association
- Crockett-Rodeo United to Defend the Environment
- ForestEthics
- Global Community Monitor
- Good Neighbor Steering Committee—Benicia
- Greenaction for Health and Environmental Justice
- Idle No More SF Bay
- Labor Occupational Health Program at UC Berkeley
- Martinez Environmental Group
- Pittsburg Defense Council
- Refinery Action Collaborative, Northern California
- Richmond Progressive Alliance
- Sierra Club San Francisco Bay Chapter
- Sunflower Alliance
- United Steelworkers Union Local 5
- United Steelworkers Union International
- West Oakland Environmental Indicators Project

**What are the limits?**

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**Enforceable numeric limits on refinery-wide emissions proposed***

<table>
<thead>
<tr>
<th>Facility</th>
<th>GHG</th>
<th>PM</th>
<th>NO\textsubscript{x}</th>
<th>SO\textsubscript{2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chevron Richmond Refinery</td>
<td>4,473,000</td>
<td>529</td>
<td>974</td>
<td>400</td>
</tr>
<tr>
<td>Shell Martinez Refinery</td>
<td>4,272,000</td>
<td>569</td>
<td>1,040</td>
<td>1,340</td>
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<tr>
<td>Phillips 66 Rodeo Refinery</td>
<td>1,512,000</td>
<td>56.0</td>
<td>275</td>
<td>433</td>
</tr>
<tr>
<td>Tesoro Martinez Refinery</td>
<td>2,456,000</td>
<td>180</td>
<td>1,080</td>
<td>707</td>
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<tr>
<td>Valero Benicia Refinery</td>
<td>2,950,000</td>
<td>134</td>
<td>1,410</td>
<td>138</td>
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<tr>
<td>Martinez Cogen LP\textsuperscript{b}</td>
<td>431,000</td>
<td>18.8</td>
<td>119</td>
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<tr>
<td>Air Liquide Hydrogen Plant\textsuperscript{b}</td>
<td>855,000</td>
<td>17.3</td>
<td>12.9</td>
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<tr>
<td>Air Products Hydrogen Plt.\textsuperscript{b}</td>
<td>281,000</td>
<td>10.4</td>
<td>3.40</td>
<td>2.31</td>
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</tbody>
</table>

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\* See CBE’s September 2015 comments. GHG: greenhouse gas emissions (CO\textsubscript{2}e) as reported in Air Resources Board Mandatory Reporting; PM: filterable and condensable particulate matter; NO\textsubscript{x}: oxides of nitrogen; SO\textsubscript{2}: sulfur dioxide. PM, NO\textsubscript{x} and SO\textsubscript{2} as reported in AQMD annual emission inventories.

\textsuperscript{b} The Martinez Cogen and Air Products facilities support Tesoro and Air Liquide supports Phillips 66.

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**DEMAND ENVIRONMENTAL & CLIMATE JUSTICE AT THE PUBLIC HEARING!**

**WHAT**
AQMD Board Public Hearing and Vote on Oil Refinery Rules 12-15 and 12-16

**WHEN**
9:45 AM Wednesday, December 16, 2015 (get there early and sign up to speak)

**WHERE**
AQMD Headquarters, 939 Ellis Street (near Van Ness) in San Francisco, 94109