Bay Area Air Quality Management District
Mobile Source Committee

October 27, 2011

Update on the Port Drayage Truck Program

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Director of Strategic Incentives

Overview

• Background
• Current Drayage Truck Population
• Analysis of MY 2004 Truck Population
• Air District Actions
• Proposed Program
• Next steps
### Background

- December 7, 2007 – ARB adopted drayage truck ATCM*

<table>
<thead>
<tr>
<th>Phase</th>
<th>Date</th>
<th>Engine Model Years</th>
<th>Regulation Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 1</td>
<td>12/31/09</td>
<td>1993 and older</td>
<td>Prohibited from operation as a drayage truck</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1994 – 2003</td>
<td>Install a Level 3 retrofit device</td>
</tr>
<tr>
<td></td>
<td>12/31/11</td>
<td>2004</td>
<td>Install a Level 3 retrofit device</td>
</tr>
<tr>
<td></td>
<td>12/31/12</td>
<td>2005 and 2006</td>
<td>Install a Level 3 retrofit device</td>
</tr>
<tr>
<td>Phase 2</td>
<td>12/31/13</td>
<td>1994 – 2006</td>
<td>Meet 2007 engine emissions standards</td>
</tr>
</tbody>
</table>

*Air Toxic Control Measure

### Current Drayage Truck Population

<table>
<thead>
<tr>
<th>Engine model year</th>
<th>Compliant until</th>
<th># of Drayage trucks in Northern CA</th>
<th># of trucks that received grant funds</th>
<th>Grant funds expended</th>
</tr>
</thead>
<tbody>
<tr>
<td>1994-2003 (w/ retrofits)</td>
<td>12/31/13</td>
<td>1,700</td>
<td>1,319</td>
<td>$15,586,534</td>
</tr>
<tr>
<td>2004</td>
<td>12/31/11</td>
<td>700</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>2005 &amp; 2006</td>
<td>12/31/12</td>
<td>2,150</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>2007 – 2009</td>
<td>2022</td>
<td>1,350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010 +</td>
<td>Fully compliant</td>
<td>400</td>
<td>203</td>
<td>$10,150,000</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>6,300</td>
<td>1,522</td>
<td>$25,736,534</td>
</tr>
</tbody>
</table>
Analysis of 2004 MY Truck Population

<table>
<thead>
<tr>
<th>Location</th>
<th>Trucks</th>
<th>Companies</th>
<th>% of total trucks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alameda</td>
<td>143</td>
<td>74</td>
<td>20.55%</td>
</tr>
<tr>
<td>Contra Costa</td>
<td>26</td>
<td>20</td>
<td>3.74%</td>
</tr>
<tr>
<td>Santa Clara</td>
<td>25</td>
<td>14</td>
<td>3.59%</td>
</tr>
<tr>
<td>San Francisco</td>
<td>15</td>
<td>9</td>
<td>2.16%</td>
</tr>
<tr>
<td>San Mateo</td>
<td>12</td>
<td>9</td>
<td>1.72%</td>
</tr>
<tr>
<td>Sonoma</td>
<td>12</td>
<td>5</td>
<td>1.72%</td>
</tr>
<tr>
<td>Solano</td>
<td>7</td>
<td>4</td>
<td>1.01%</td>
</tr>
<tr>
<td>Napa</td>
<td>6</td>
<td>2</td>
<td>0.86%</td>
</tr>
<tr>
<td>Marin</td>
<td>1</td>
<td>1</td>
<td>0.14%</td>
</tr>
<tr>
<td>Inside Bay Area</td>
<td>247</td>
<td>138</td>
<td>35.49%</td>
</tr>
<tr>
<td>Outside Bay Area</td>
<td>449</td>
<td>207</td>
<td>64.51%</td>
</tr>
</tbody>
</table>

TOTAL

696 345

Air District Actions

• Alameda County Transportation Authority
  - Exploring TFCA County Program Manager funds for Alameda based trucks
  - Looking at other CMAs also

• Port of Oakland
  - Updating truck ban Nov. 3 to include future effective dates in ARB regulations
  - Cannot commit funding at this time
  - Assisting with outreach to affected parties

• ARB
  - Only loan guarantees available for MY 2004 trucks
  - Requested ARB notify MY 2004 owners of upcoming regulatory deadlines

• USEPA
  - $1.5 million in funding awarded, however, Federal requirements on funding inflexible and require extensive process
Proposed Program

- Request $1.43 million from Alameda County CMA
- Match with $1.04 million in TFCA Regional Fund
- Projects will be CE under TFCA but policy exception needed for County Program Manager Funds
- Seek Dealers to provide Low cost 2007 MY trucks ($50-$60,000)
- Dealers to provide $12-$15,000 Trade-in value on MY 2004 trucks
- Air District to provide $10,000 matching grant for 247 trucks
- Trade in plus grant to equals approximately 50% cost of 2007 MY truck
- Loan guarantee to be provided via ARB - PLACE program for low interest loan for the additional 50% financing needed

Next Steps

- Staff to work with CMAs, Alameda County to secure funding
- Continue to seek funding from Port of Oakland and support update of truck ban
- Work with ARB on programs timeline
- Gauge interest at upcoming port outreach event (Oct. 29)
- Seek Board approval in November
- Execute program November/December