




AGENDA: 7

**Bay Area Air Quality Management District
Mobile Source Committee**

October 27, 2011

**Update on the Port Drayage
Truck Program**


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Overview

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

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Background


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

Table 1 – Drayage Truck ATCM Requirements

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

* Air Toxic Control Measure

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Current Drayage Truck Population

Table 2 - Current Drayage Truck Population

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


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Analysis of 2004 MY Truck Population

| Location | Trucks | Companies | % of total trucks |
|------------------|------------|------------|-------------------|
| Alameda | 143 | 74 | 20.55% |
| Contra Costa | 26 | 20 | 3.74% |
| Santa Clara | 25 | 14 | 3.59% |
| San Francisco | 15 | 9 | 2.16% |
| San Mateo | 12 | 9 | 1.72% |
| Sonoma | 12 | 5 | 1.72% |
| Solano | 7 | 4 | 1.01% |
| Napa | 6 | 2 | 0.86% |
| Marin | 1 | 1 | 0.14% |
| Inside Bay Area | 247 | 138 | 35.49% |
| Outside Bay Area | 449 | 207 | 64.51% |
| TOTAL | 696 | 345 | |

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- ## 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
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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

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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

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