

# Goods Movement Emission Reduction Program

**Bay Area Air Quality Management District**

**2007-2008**

**Trade Corridor: Bay Area**

**Other Heavy-Duty Diesel Trucks**

## Bay Area Air Quality Management District

<p><b>Bay Area Air Quality Management District</b>  <b>939 Ellis Street</b></p> <p><b>San Francisco</b>  <b>CA</b>  <b>94109</b></p> <p><b>Tel: 415-749-5000</b>  <b>Fax: 415-928-8560</b></p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Governing Board, Counsel or Commission:</td> <td style="width: 30%;">Yes</td> </tr> <tr> <td>Agency Type:</td> <td>Air District</td> </tr> <tr> <td>Agency Service Population:</td> <td>7,200,000</td> </tr> </table>	Governing Board, Counsel or Commission:	Yes	Agency Type:	Air District	Agency Service Population:	7,200,000
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### Contact Informaton

<u>Contact</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>
<b><u>Source Category Contacts</u></b>			
Trucks Serving Port and Intermodal Rail Yards	Joseph Steinberger	415-749-5018	jsteinberger@baaqmd.gov
Other Heavy-Duty Diesel Trucks	Joseph Steinberger	415-749-5018	jsteinberger@baaqmd.gov
Shore Power	Joseph Steinberger	415-749-5018	jsteinberger@baaqmd.gov
Locomotives	Tina McRee	415-749-4701	tmcree@baaqmd.gov
Harbor Craft	Tina McRee	415-749-4701	tmcree@baaqmd.gov

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## Local Agency Project Details

The tables below detail your funding sources as well as the emission reductions achieved for implementing this local agency proposal.

### Other Trucks

Number of Trucks	Amount of Bond Funding per Truck	Equipment Project Option	Annual VMT per Truck (miles)	Engine Model Year		Fuel Type		Emission Reductions over Project Life		Project Life (years)
				Old	New	Old	New	Nox (lbs)	PM (lbs)	
149	\$ 50,000.00	Replacement	62,500.00	1992	2007	Diesel	Diesel	3,046,343.210	184,006.540	8
201	\$ 50,000.00	Replacement	62,500.00	1999	2007	Diesel	Diesel	4,053,673.210	141,672.440	8
2	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	1994		Diesel	Diesel	0.000	776.590	4
2	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	1995		Diesel	Diesel	0.000	759.390	4
6	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	1996		Diesel	Diesel	0.000	2,221.990	4
10	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	1997		Diesel	Diesel	0.000	3,600.960	4
12	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	1998		Diesel	Diesel	0.000	4,064.980	4
13	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	1999		Diesel	Diesel	0.000	4,258.560	4
17	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	2000		Diesel	Diesel	0.000	5,360.620	4
16	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	2001		Diesel	Diesel	0.000	4,830.580	4
13	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	2002		Diesel	Diesel	0.000	3,734.390	4
9	\$ 5,000.00	Retrofit Level 3 PM	62,500.00	2003		Diesel	Diesel	0.000	3,117.600	4
11	\$ 20,000.00	Repower	62,500.00	1992	2007	Diesel	Diesel	224,897.820	13,584.380	8
14	\$ 20,000.00	Repower	62,500.00	1999	2007	Diesel	Diesel	282,345.400	9,867.730	8

# Truck Stops

Number of Truck Stops

Bond Funding per Truck Stop

Supporting Documentation

## Distribution Centers

Number of Distribution Centers

Bond Funding per Distribution  
Center

Supporting Documentation

Equipment Project Option	Sum of NO <sub>x</sub> Benefits (lbs)	Sum of PM Benefits (lbs)	Cost Effectiveness (lb/State \$)
Replacement	7,100,016.420	325,678.990	0.741
Repower	507,243.220	23,452.110	1.860
Retrofit Level 3 PM	0.000	32,725.660	1.247
Retrofit Level 3 PM + Level 1 Nox	0.000	0.000	0.000
Truck Stop Electrification	0.000	0.000	0.000
Distribution Center Electrification	0.000	0.000	0.000
3-Way Truck	0.000	0.000	0.000
<b>Overall Project Emission Reductions</b>	<b>7,607,259.640</b>	<b>381,856.760</b>	<b>0.785</b>

**Bond Funding**

Bond project dollars requested plus any administrative dollars	Administrative Cost Details
\$ 19,425,000.00	The Air District is requesting \$925,000 (5%) for the administration of this project.

**Summary Table**

Total amount of Bond Project dollars for Replacement	\$ 17,500,000.00
Total amount of Bond Project dollars for Repower	\$ 500,000.00
Total amount of Bond Project dollars for Retrofit Level 3 PM	\$ 500,000.00

**Total Funding Amount for Proposal (All Bond plus Non-Bond)**

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 56,050,000.00
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**Non-Bond Funding Summary Table**

Fund Type	Fund Source Name	Amount	Date Funds Available	Describe conditions or additional requirements associated with these non-bond funds
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Private	Truck Owners	\$ 36,625,000.00	9/1/2008	None.
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## Proposal Narrative

### Attachment(s)

[1\\_BAAQMD Application-Other Trucks-4-4-08.doc](#)

[2 Questions and Clarifications to Application.2.zip](#)