

Goods Movement Emission Reduction Program

Bay Area Air Quality Management District

2007-2008

Trade Corridor: Bay Area

Trucks Serving Port and Intermodal Rail
Yards

Bay Area Air Quality Management District

Bay Area Air Quality Management District 939 Ellis Street San Francisco CA 94109 Tel: 415-749-5000 Fax: 415-928-8560	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>
Source Category Contacts			
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.

Trucks Serving Port and Intermodal Rail Yards

Trucks Serving Port and Intermodal Rail Yards

Number of Trucks	Amount of Bond Funding per Truck	Equipment Project Option	Engine Model Year		Fuel Type		Emission Reductions over Project Life		Annual VMT per Truck	Project Life (years)
			Old	New	Old	New	NOx (lbs)	PM (lbs)		
2	\$ 50,000.00	Replacement	1992	2007	Diesel	Diesel	26,226.360	1,356.130	41,801.00	8
16	\$ 5,000.00	Retrofit Level 3 PM	1994		Diesel	Diesel	0.000	3,559.950	41,801.00	4
17	\$ 5,000.00	Retrofit Level 3 PM	1995		Diesel	Diesel	0.000	3,694.160	41,801.00	4
57	\$ 5,000.00	Retrofit Level 3 PM	1996		Diesel	Diesel	0.000	12,114.600	41,801.00	4
99	\$ 5,000.00	Retrofit Level 3 PM	1997		Diesel	Diesel	0.000	20,445.740	41,801.00	4
127	\$ 5,000.00	Retrofit Level 3 PM	1998		Diesel	Diesel	0.000	25,078.230	41,801.00	4
132	\$ 5,000.00	Retrofit Level 3 PM	1999		Diesel	Diesel	0.000	23,499.310	41,801.00	4
170	\$ 5,000.00	Retrofit Level 3 PM	2000		Diesel	Diesel	0.000	29,218.060	41,801.00	4
163	\$ 5,000.00	Retrofit Level 3 PM	2001		Diesel	Diesel	0.000	26,959.510	41,801.00	4
127	\$ 5,000.00	Retrofit Level 3 PM	2002		Diesel	Diesel	0.000	20,144.930	41,801.00	4
92	\$ 5,000.00	Retrofit Level 3 PM	2003		Diesel	Diesel	0.000	17,983.600	41,801.00	4
16	\$ 20,000.00	Repower	1992	2007	Diesel	Diesel	209,810.840	10,865.020	41,801.00	8
29	\$ 20,000.00	Repower	1999	2007	Diesel	Diesel	368,117.460	11,098.130	41,801.00	8

Equipment Project Option	Sum of NO _x Benefits (lbs)	Sum of PM Benefits (lbs)	Cost Effectiveness (lb/State \$)
Replacement	26,226.360	1,358.130	0.510
Repower	577,928.300	21,963.150	0.550
Retrofit Level 3 PM	0.000	182,698.090	0.700
Retrofit Level 3 PM + Level 1 Nox	0.000	0.000	0.000
Overall Project Emission Reductions	604,154.650	206,019.370	0.660

Bond Funding

Bond project dollars requested plus any administrative dollars	Administrative Cost Details
\$ 6,000,000.00	We are requesting \$300,000 (5%) for administrative costs and \$5,700,000 truck retrofits and repowers.

Summary Table

Total amount of Bond Project dollars for Replacement	\$ 100,000.00
Total amount of Bond Project dollars for Repower	\$ 900,000.00
Total amount of Bond Project dollars for Retrofit Level 3 PM	\$ 5,000,000.00

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

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 17,385,000.00
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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
Local	Port of Oakland	\$ 5,000,000.00	9/1/2008	The Port of Oakland will provide \$5 million.
Other State	BAAQMD	\$ 6,000,000.00	9/1/2008	\$4 (AB4343) and \$2 (AB923) funds will be used as match and will conform to the expenditure deadlines and limitations for these funds.

Private	Truck Owners	\$ 385,000.00	9/1/2008	None.
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Proposal Narrative

Attachment(s)

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

[2 Questions and Clarifications to Application.3.zip](#)