

Goods Movement Emission Reduction Program

San Joaquin Valley Unified Air Pollution Control District
(SJVAPCD)

2007-2008

Trade Corridor: Central Valley

Other Heavy-Duty Diesel
Trucks

San Joaquin Valley Unified Air Pollution Control District (SJVAPCD)

San Joaquin Valley Unified Air Pollution
Control District (SJVAPCD)
1990 E. Gettysburg Avenue

Fresno
CA
93726

Tel: 559-230-6000
Fax: 559-230-6111

Governing Board, Counsel or
Commission: Yes
Agency Type: Air District
Agency Service Population: 3,000,000

Contact Informaton

<u>Contact</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>
Source Category Contacts			
Other Heavy-Duty Diesel Trucks	Kevin McCaffery	559-230- 6000	kevin.mccaffery@valleyair.org
Locomotives	Kevin McCaffery	559-230- 6000	kevin.mccaffery@valleyair.org

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Other Heavy-Duty Diesel Trucks

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 <i>(miles)</i>	Engine Model Year		Fuel Type		Emission Reductions over Project Life		Project Life <i>(years)</i>
				Old	New	Old	New	Nox <i>(lbs)</i>	PM <i>(lbs)</i>	
4,590	\$ 50,000.00	Replacement	46,085.00	1996	2008	Diesel	Diesel	70,120,421.370	2,740,964.870	8
1,000	\$ 5,000.00	Retrofit Level 3 PM	46,085.00	1996		Diesel	Diesel	0.000	273,070.660	4
25	\$ 20,000.00	Repower	46,085.00	1996		Diesel	Diesel	381,919.510	14,929.000	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

Three-Way Truck Transactions

Number of New Trucks	Amount of Bond Funding per New Truck	Truck	Engine Model Year	Fuel Type	Annual VMT per Truck <i>(miles)</i>	Equipment Project Option	Emission Reductions over Project Life		Project Life <i>(years)</i>
							Nox <i>(lbs)</i>	PM <i>(lbs)</i>	
50	\$ 50,000.00	Truck B	1981	Diesel	12,747.00	Scrapped	458,695.320	66,891.350	8
		Truck A	2005	Diesel	89,736.00	3-Way Truck			
		Truck C	2008	Diesel		3-Way Truck			

Equipment Project Option	Sum of NO_x Benefits (lbs)	Sum of PM Benefits (lbs)	Cost Effectiveness (lb/State \$)
Replacement	70,120,421.370	2,740,964.870	0.518
Retrofit Level 3 PM	0.000	273,070.660	1.040
Repower	381,919.510	14,929.000	1.296
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	458,695.330	66,891.350	0.684
Overall Project Emission Reductions	70,961,036.210	3,095,855.880	0.533

Bond Funding

Bond project dollars requested plus any administrative dollars	Administrative Cost Details
\$ 249,375,000.00	\$11,875,000.00 (5%)

Summary Table

Total amount of Bond Project dollars for Replacement	\$ 229,500,000.00
Total amount of Bond Project dollars for Repower	\$ 500,000.00
Total amount of Bond Project dollars for Retrofit Level 3 PM	\$ 5,000,000.00
Total amount of Bond Project dollars for 3-Way Truck	\$ 2,500,000.00

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

Total Funding Amount for Proposal (Bond + Non-Bond)	\$ 556,975,000.00
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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
Private	Equipment Owners	\$ 307,600,000.00	4/4/2008	

Proposal Narrative

Attachment(s)

[1_SJVAPCD Official Proposal 2008.doc](#)

[2.1 Prop 1B Applications--Follow up Request #1.pdf](#)

[2.2-Follow-up Response #2 for Prop 1B Goods Movement Program applications\].pdf](#)

[2.3 Staff resources SJVAPCD Prop 1B analysis 2007-08.xls](#)

[3_SJVAPCD Proposition 1B Resolution 2008.pdf](#)