

Agenda Date: December 15, 2005  
Agenda Placement: Admin  
Estimated Time: N/A  
Continued Item: No

## Board Agenda Item

TO: Air Pollution Control District Board  
FROM: Terry Dressler, Air Pollution Control Officer  
CONTACT: Anthony Fournier, 961-8874  
SUBJECT: On-road Engine Emission Reduction Program

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### RECOMMENDATION:

Approve an additional \$200,000 funding allocation for the On-road Engine Emission Reduction Program.

### SUMMARY:

The resolution increases the On-road Engine Emission Reduction Program allocation to \$200,026 by approving an additional \$200,000 in Carl Moyer, DMV or Innovative Technologies Group (ITG) funds to repower or retrofit heavy-duty on-road diesel vehicles with new low emissions engines or emission control devices. This program allocation does not change the fiscal year 2005-2006 budget.

### DISCUSSION:

In November 2000, your Board approved APCD participation in an Onroad Heavy-Duty Vehicle Repower Program, generally following the guidelines of the California Air Resources Board's (ARB) Carl Moyer Air Quality Standards Attainment Program (Carl Moyer Program). At that time the program was focused on reducing NOx emissions from heavy-duty diesel equipment. Recent revisions to the Carl Moyer Program guidelines have included provisions to allow for funding of retrofit control devices, mainly to target Particulate Matter (PM) emissions. The original program allocation for this program was \$200,000 and was increased to \$400,000 in

February of 2002. Since 2000 your Board has approved \$399,973 in grant funding for 8 projects yielding reductions of approximately 98 tons of NOx and 8 tons of PM (See Table 1).

**Table 1: On-road Engine Emission Reduction Program Grants**

Grant Approved	Grantee	Grant Funding	NOx Reductions ton/project	PM Reductions ton/ project
Nov-00	Gaither Tours	\$ 20,818.00	7.72	0.75
Mar-01	V. Lopez & Sons	\$ 18,945.00	2.84	0.28
Jun-01	Western Propane	\$ 7,000.00	0.94	0.05
May-01	MarBorg Industries 1	\$ 74,214.00	17.99	0.50
Feb-02	MarBorg Industries 2	\$ 128,315.00	18.99	1.75
Jun-03	MarBorg Industries 3	\$ 35,248.22	45.71	3.53
Jun-03	Ball Trucking	\$ 26,533.00	3.50	0.28
Nov-05	SB County Public Works	\$ 88,900.00	0.00	0.53
		\$ 399,973.22	97.69	7.67

Repowering and retrofitting on-road diesel engines have proven to be a cost-effective means of reducing emissions in our County. Currently this program has less than \$100 allocated to it. ITG's solicitation of emission reduction projects, through a Call For Proposals document approved by your Board on March 17, 2005 has generated new interest in this program; therefore, we recommend that your Board earmark an additional \$200,000 in ITG funds so that we can proceed with funding on-road diesel emission reduction projects. We will continue to follow ARB Carl Moyer Program guidelines when selecting future projects.

This additional \$200,000 allocation for the On-road Engine Emission Reduction Program will draw from from the Carl Moyer Program, DMV funds or alternative ITG revenue designations, and may be expended over several fiscal years. This new program allocation does not change the District's fiscal year 2005/2006 budget amount for ITG.