

Agenda Date:	June 19, 2008
Agenda Placement:	Admin.
Estimated Time:	NA
Continued Item:	No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Terry Dressler, Air Pollution Control Officer

CONTACT: Jim Fredrickson, 961-8892

SUBJECT: Lower Emission School Bus Program

RECOMMENDATION:

Approve \$660,000 in additional funding allocation for the Lower Emission School Bus Program.

SUMMARY:

Since 2001, your Board has allocated \$553,000 for the Lower Emission School Bus Program. The recommendation is to approve an additional allocation of \$660,000 in Innovative Technologies Group (ITG) funds for a total allocation of \$1,213,000 for school bus replacement, repower, or retrofit of older diesel school buses. This program allocation does not change the Fiscal Year 2007-08 budget.

DISCUSSION:

Back in January 2001 your Board approved APCD participation with the California Air Resources Board (ARB) to replace, repower, and retrofit school buses in Santa Barbara County. School children's exposure to diesel emissions have been reduced by replacing or repowering older diesel powered school buses with new lower emission school buses or engines and also by retrofitting older buses by installing particulate control filters.

Since January 2001, your Board has approved a total of \$553,000 in Carl Moyer Program, motor vehicle surcharge and other ITG funds to be allocated to this Lower Emission School Bus Program. Of this amount, \$340,323 has been expended on projects to date with \$212,677 remaining in the program budget. With the additional allocation of \$660,000, the unexpended program budget would be increased to \$872,677.

These program funds have been used to successfully replace eight old school district buses in our county with new cleaner buses. In addition, twenty-one school district buses have been retrofitted with particulate control filters. Table 1 below lists both the replacements and the retrofits. All of these school bus projects have combined to reduce more than 24 tons of nitrogen oxides and particulate matter (PM₁₀) emission reductions over the life of the projects.

Table 1

Date	School District	Bus Grant	Grant Amount
7/19/2001	Goleta Union	Replacements: APCD paid 25% toward two new buses (CNG + ULSD) (Remaining 75% paid by the CEC)	\$ 50,000
7/19/2001	Blochman Union	Replacement: APCD paid 25% toward one new bus (Propane) (Remaining 75% paid by the CEC)	\$ 20,090
1/17/2002	Orcutt Union	Replacements: APCD paid 25% toward two new buses (Propane) (Remaining 75% paid by the CEC)	\$ 39,618
3/5/2004	Cuyama	Retrofit: Installed one bus particulate control filter	\$ 3,988
5/13/2004	Goleta Union	Retrofits: Installed three bus particulate control filters	\$ 16,430
7/19/2004	Carpinteria Unified	Retrofits: Installed two bus particulate control filters	\$ 7,556
11/30/2004	Student Transportation of America	Retrofits: Installed ten bus particulate control filters	\$ 38,464
10/20/2005	Cuyama Joint Unified	Replacement: One 1982 bus replaced with one 2005 bus (ULSD)	\$ 119,466
6/13/2007	Orcutt Union	Retrofits: Installed five bus particulate control filters	\$ 44,711
Total			\$ 340,323

We are currently working with two school districts (Goleta Union School District and Santa Maria Joint Union School District), both of which seek to replace two of their oldest diesel school buses with two new lower emission school buses, for a total of four bus replacements.

This additional \$660,000 allocation for this school bus program will be derived from motor vehicle surcharge funds and is expected to be expended over the next several months. This program allocation does not change the District's fiscal year 2007-08 budget amount for ITG.