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Board Agenda Item

TO: Air Pollution Control District Board

FROM: Terry Dressler, Air Pollution Control Officer

CONTACT: Al Ronyecz, 961-8877

SUBJECT: Marine Diesel Engine Repower Program

RECOMMENDATION:

Approve \$200,000 in additional funding allocation for the Marine Diesel Engine Repower Program.

SUMMARY:

The recommendation increases the Marine Diesel Engine Repower Program allocation to \$362,948 by approving an additional \$200,000 in Carl Moyer or Innovative Technologies Group (ITG) funds to repower diesel marine equipment with new low emissions engines. This program allocation does not change the fiscal year 2008-2009 budget.

DISCUSSION:

On June 17, 1999, your Board approved the use of Carl Moyer Air Quality Standard Attainment Program funds and ITG funds for a Diesel Marine Vessel Repower Program. The original purpose of this program was to reduce Nitrogen Oxide (NO_x) emissions from commercial marine vessels operating out of the Santa Barbara Harbor by providing boat owners with funding to replace their older diesel engines with modern low-NO_x engines. Changes made by the California Air Resources Board (ARB) to the Carl Moyer Program guidelines have expanded the target pollutants to include Particulate Matter (PM) and Reactive Organic Gases (ROG) in addition to NO_x emissions. In 1999, the program allocation for this program was \$675,000. The program allocation was increased by \$150,000 in August of 2005, by \$400,000 in March of 2006, and by \$250,000 in March of 2007 for a total of \$1,475,000. Since 1999 your Board has approved over \$1,312,052 in grant funding to repower 74 marine engines yielding reductions totaling 267 tons of NO_x, ROG, and PM.

Repowering marine diesel engines has proven to be a cost-effective means of reducing emissions in our County. Marine engines do not have to meet the same emissions standards as land-based equipment, have just recently been subject to emissions regulations and typically remain in operation for decades.

Our current marine diesel repower program budget has slightly less than \$163,000 of remaining funds allocated to it. Funding our pending projects would almost deplete this budget. Therefore, we recommend that your Board earmark an additional \$200,000 in Carl Moyer Program or ITG funds so that we can proceed with funding additional marine diesel repower emission reduction projects. We will continue to follow ARB Carl Moyer Program guidelines when selecting future projects.

This additional \$200,000 allocation for the Marine Diesel Engine Repower Program will derive from the Carl Moyer Program 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 2008/2009 budget amount for ITG.