

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

For the Agenda of: July 28, 2005

To: Board of Directors
Sacramento Metropolitan Air Quality Management District

From: Larry Greene
Air Pollution Control Officer

Subject: Authorization for the Air Pollution Control Officer to approve Two Incentive Agreements over \$250,000 under the Heavy-Duty Low Emission Vehicle Program

Recommendation

Approve the attached resolution and authorize the Chair of the Board of Directors to sign it on behalf of the Sacramento Metropolitan Air Quality Management District (District).

Purpose

The purpose of this resolution is to:

1. Authorize the Air Pollution Control Officer (APCO) to execute the attached agreement under the Heavy-Duty Low Emission Vehicle Incentive Program (HDLEVIP) with Tigerlines LLC for \$275,250.
2. Authorize the APCO to execute the attached agreement under the HDLEVIP with Modoc Railroad Academy for \$660,000.
3. Authorize and direct the Air Pollution Control Officer to take all steps necessary to carry out this resolution.

Authority

Health and Safety Code Section 40961 identifies the District as the local agency within the boundaries of the Sacramento district with the primary responsibility for the development, implementation, monitoring, and enforcement of air pollution control strategies, clean fuel programs, and motor vehicle use reduction measures.

Health and Safety Code Section 41062(a) directs the district to develop air quality improvement strategies that include demonstration programs and incentives to encourage the use of control measures providing equivalent emission reductions within the District.

Under Health and Safety Code Section 41082, the District may undertake programs which may include financial assistance to fleet operators for the purchase, conversion, or operation of low-

emission motor vehicles, financial assistance or other incentives to encourage the sale and distribution of clean burning fuels.

The District is authorized by Health and Safety Code Sections 41062(a) and 41082 to implement programs to reduce transportation emissions, including programs to encourage the use of alternative fuels and low-emission vehicles.

Previous Actions

On February 5, 1998, your Board approved Resolution No. 98-0007, which authorized the creation of the HDLEVIP for the purpose of reducing emissions from heavy-duty mobile sources within the Sacramento Federal Nonattainment Area.

On April 26, 2001, your Board approved Resolution No. 2001-020, which authorized the APCO to make minor modifications to the HDLEVIP as needed to maintain consistency with the Carl Moyer Program guidelines.

On April 28, 2005, your Board approved Resolution No. 2005-031, which requires proposed HDLEVIP projects exceeding \$250,000 to be approved by the Board.

Description

The proposed agreement with Tigerlines LLC in the amount of \$275,250 will fund the installation of 19 Cleaire Longview diesel retrofit systems on heavy-duty trucks used in agricultural hauling. These trucks are generally used to pick up and deliver tomatoes and are commonly known as “tomato trucks.” This project will also receive \$100,000 from the Yolo-Solano Air Quality Management District (YSAQMD), pending approval from their Board of Directors. The total project cost including District and YSAQMD funds is \$375,250. These devices will reduce NOx emissions by 2.7 tons per year and Diesel Particulate Matter emissions by over 1,000 pounds per year.

The proposed agreement with Modoc Railroad Academy in the amount of \$660,000 will fund the repower of their existing switcher locomotive with a new diesel-electric hybrid “Green Goat” switcher locomotive. This project will reduce NOx emissions by over 22 tons per year and Diesel Particulate Matter emissions by over 800 pounds per year.

Both of these projects are located in identified AB 1390 census tracts, providing significant air quality benefits for low income areas and communities of color. Additionally, since the operation of the Tigerlines LLC trucks occurs exclusively during the summer ozone season, the emission reductions have a larger impact in reducing ozone levels in the Sacramento region.

Fiscal Impact

Sufficient funds have been identified in the District budget to fund these proposed projects. Staff also anticipates fully funding these projects within the 2005/2006 fiscal year. These projects will be funded using funds from the Carl Moyer Memorial Fund as shown in the table below:

Funding Source	Amount
Carl Moyer Memorial Fund (Y7)	\$935,250

Attachments

Attachment A – Agreement VET-05-0065 (Tigerlines LLC)
Attachment B – Agreement VET-05-0066 (Modoc Railroad Academy)

Respectfully submitted,

Larry Greene
Air Pollution Control Officer

Approved to as form:

Kathrine Pittard
District Counsel

Attachments