



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

The goal of the Collaborative is to leverage significant federal funds to reduce emissions from the most polluting diesel sources in the most affected communities. The Collaborative seeks to significantly improve air quality and public health by targeting the highest polluting engines with the most cost effective control strategies.

DERA 2009/2010: Clean Buses, Construction Equipment, and Trucks- Morongo Band of Mission Indians

The Morongo Band of Mission Indians received \$250,000 under the EPA's 2009/2010 National Clean Diesel Funding and Assistance Program by to retrofit or replace nine vehicles: six school buses, one transit bus, one utility truck, and one heavy duty on-road construction vehicle. The tribe provided \$58,832 in cost share funds and leveraged an additional \$120,000 of non-federal funding in support of the project.

What is the project?

The projects funds California Air Resources Board certified Level 3 diesel particulate filters (DPFs) for the heavy duty on-road construction vehicle, the utility truck, four school buses, and the transit bus. Two additional school buses will be replaced with compressed natural gas (CNG) school buses. These technologies last between 20 and 30 years.

Why is this project important?

The Morongo Indian Reservation is located in the South Coast Air Basin, which has been designated as "nonattainment" with regards to

PM 2.5, PM 10, and 8 hour ozone emissions. The reservation has a population of 1,500. The nearby area had an estimated population of over 110,000 in 2004, and the population has grown significantly since that time. The tribe specifically chose vehicles that log extensive miles per year and that operate near sensitive populations, maximizing the impact of the grant funding. This will lead to approximately \$30,000 in health benefits from the PM reduced by this project.

What are the estimated environmental benefits?

The DPFs will reduce the vehicles' carbon monoxide (CO) and hydrocarbon (HC) emissions by 90%, and particulate matter (PM) emissions by 85%. The new CNG buses will reduce their PM emissions by 95% and their oxides of nitrogen (NO_x) and HC emissions by 50%.

What is the Collaborative?

The West Coast Collaborative is an ambitious partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Partners come from all over Western North America, including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign.

How can I find out more about the Collaborative?

For more information, on the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org.