



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

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

Morongo Band of Mission Indians: Tribal Clean Bus and Truck Project

The West Coast Collaborative (WCC) is pleased to announce the Morongo Band of Mission Indians' completion of its project to replace and retrofit 9 heavy-duty diesel school buses and trucks. This project was implemented using \$250,000 in U.S. EPA Diesel Emission Reduction Act (DERA) grant funding combined with \$62,473 in tribal funds, plus \$120,425 in leveraged monies from the South Coast Air Quality Management District's (SCAQMD's) Mobile Source Reduction Committee (MSRC).

What is the Project?

Reduce diesel emissions generated by 9 tribal diesel vehicles. Replaced 2 diesel school buses with 2010 model year Compressed Natural Gas (CNG) buses, and installed 7 Diesel Particulate Filter (DPF) retrofits: 4 school buses, 1 refuse hauler, 1 Class 8 short-haul truck, and 1 Class 7 water truck.

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 federal PM 2.5, PM 10, and 8 hour ozone emissions standards. 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. In addition, the Morongo Band of Mission Indians promoted the impact of this project by informing the public through news articles appearing in the *Press-Enterprise*, the *Desert Sun*, and *Indian Gaming Magazine*.

What are the Environmental Benefits?

Over the lifetime of the project, the emissions of the 9 affected engines will be reduced by 3.2 oxides of nitrogen (NOx) tons, 0.8 particulate matter (PM) tons, 1.5 hydrocarbon (HC) tons, 11.7 carbon monoxide (CO) tons, and 130.2 carbon dioxide (CO₂) tons.

How was this project funded?

The WCC provided \$250,000 in U.S. EPA DERA grant funds to support this project. The Morongo Band of Mission Indians contributed \$62,473 in tribal funds, and the SCAQMD MSRC contributed \$120,425 in leveraged funds.

Who are the Partners on this project?

The project was led by the Morongo Band of Mission Indians in partnership with the SCAQMD MSRC, BusWest, and Ironman Parts & Service. The Morongo Band of Mission Indians received the U.S. EPA DERA grant award through the WCC, and used these grant funds to complete the replacement and retrofit projects with help from BusWest and Ironman. The Morongo Band of Mission Indians was also responsible for data monitoring and reporting for the project.

What is the Collaborative?

The WCC 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, the Pacific Islands, Canada, and Mexico. The WCC is part of the U.S. EPA National Clean Diesel Campaign (NCDC). www.epa.gov/cleandiesel

How can I find out more Information?

For more information on this project, please contact John Mikulin at U.S. EPA (mikulin.john@epa.gov / 415-972-3956). For more information on the WCC, please visit our website. www.westcoastcollaborative.org