



WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

The goal of the 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.

DERA 2015: Reducing Emissions from School Buses in Nevada

U.S. EPA is pleased to announce the Nevada Division of Environmental Protection's (NDEP's) award of its project to replace heavy-duty diesel school buses operating throughout Nevada. This project was implemented using \$123,974 in Diesel Emissions Reduction Act (DERA) grant funding combined with \$371,922 in leveraged funds from participating school districts.

What is the Project?

This project will replace four older school buses with new vehicles powered by certified model year 2014 or newer engines. EPA funds will be used to cover approximately 25% of the cost of the new buses. The older replaced buses will be removed from service and permanently destroyed.

What are the environmental benefits?

Over the remaining lifetime of the four replaced vehicles, the replacements will reduce emissions of fine particulate matter (PM_{2.5}) by 0.4 tons, nitrogen oxides (NO_x) by 7.5 tons, hydrocarbons (HC) by 0.5 tons, and carbon monoxide (CO) by 2 tons. Reduction of PM_{2.5} emissions will also reduce black carbon (BC), which influences climate by directly absorbing light, reducing the reflectivity ("albedo") of snow and ice through deposition, and interacting with clouds.

Who are the Partners on this project?

The project was led by NDEP, a state agency whose mission is to preserve and enhance the environment of Nevada in order to protect public health, sustain healthy ecosystems, and contribute to a vibrant economy. NDEP received the DERA grant award from EPA, and will distribute grant funds to the participating school bus fleets. NDEP is also responsible for managing and reporting results for the project.

What is the Collaborative?

The WCC is an ambitious partnership between leaders from federal, state, local and tribal governments, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Partners come from all over Western North America, including: Alaska, Arizona, California, Hawaii, Idaho, Nevada, Oregon, Washington, Canada and Mexico. The WCC is part of the U.S. EPA National Clean Diesel Campaign (www.epa.gov/cleandiesel).

How can I find out more information?

For more information on this project, please contact Tyler Cooley at U.S. EPA (cooley.tyler@epa.gov / 415-972-3937). For more information, on the WCC, please visit our website at www.westcoastcollaborative.org