



## 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 2013: Street Sweeper Replacement in Carson City, Nevada

The West Coast Collaborative is pleased to announce the completion of the Nevada Division of Environmental Protection's (NDEP's) replacement of one street sweeper. The project was implemented with \$75,442 from the FY13 Diesel Emissions Reduction Act (DERA) State Clean Diesel Program and \$161,203 in non-Federal funding from Carson City Public Works.

### What is the Project?

NDEP replaced one model year 2005 heavy-duty diesel street sweeper with a vehicle powered by a model year 2014 EPA certified engine.

### Why is this project important?

Street sweepers operate largely in urban areas with high population density. This project reduces the risk from toxic pollutants by reducing human exposure to diesel emissions and re-entrained road dust.

### What are the environmental benefits?

This project will reduce 0.13 tons of particulate matter (PM), 1.66 tons of nitrogen oxides (NOx), 0.14 tons of hydrocarbons (HC), and 0.56 tons of carbon monoxide (CO) emissions over its operational life. Additional benefits of this project are improved sweeping operations and reduced re-entrainment of large particulate matter.

### How is this project funded?

The project was funded with \$75,442 of DERA funds and \$161,203 from the Carson City Public Works Department.

### 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](http://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](mailto:cooley.tyler@epa.gov)). For more information, on the WCC, please visit our website at [www.westcoastcollaborative.org](http://www.westcoastcollaborative.org)