



## 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: Oregon Department of Environmental Quality Highway Maintenance Clean Diesel Project

Under the National Clean Diesel Grant Program, the U.S. EPA West Coast Collaborative awarded the Oregon Department of Environmental Quality \$116,172 in funding to reduce diesel emission by replacing two Class 8a ten-yard dump trucks with 2013 model year trucks.

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### What is the Project?

The Oregon Department of Environmental Quality (ODEQ) in partnership with the Oregon Department of Transportation will replace two Class 8a highway utility vehicles (model year 1991 and 1992) with model year 2013 trucks meeting EPA's most stringent emission standards. The trucks support highway maintenance activities in the Portland Metropolitan Area.

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### Why is this project important?

The project will reduce diesel pollution in the Portland Metropolitan Area which has been shown to have disproportionate impacts from diesel pollution relative to the rest of the state. This emission reduction project aligns with ODEQ's goal to reduce excess exposure to air toxics. According to EPA's most recent data, Multnomah County ranks the highest in Oregon in terms

of health threats associated with exposure to air toxics, with mobile sources being the largest contributors of cancer-causing (56%) and non-cancer causing (73%) air toxics. In addition, the Portland-Vancouver area has had a history of air quality non-attainment, and is designated as a Maintenance Area for ozone and carbon monoxide.

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### What are the estimated environmental/economic benefits?

This project will reduce 0.42 tons of PM, 12.2 tons of NO<sub>x</sub>, 2.13 tons of CO and 137.86 tons of CO<sub>2</sub> over the life of the project.

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### How is this project funded?

The West Coast Collaborative is providing \$116,172 in funds to support this project. The State of Oregon is providing matching funds of \$77,448.

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### 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, Pacific Island Territories, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign ([www.epa.gov/cleandiesel](http://www.epa.gov/cleandiesel)).

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### How can I find out more about the Collaborative?

For more information about the West Coast Collaborative, please visit our website at [www.westcoastcollaborative.org](http://www.westcoastcollaborative.org). For more information about this project please contact Debbie Kline at: [kline.debbie@epa.gov](mailto:kline.debbie@epa.gov).