WEST COAST COLLABORATIVE
Partnering to Reduce Diesel Emissions

EPA

The West Coast Collaborative is a partnership focused on reducing diesel emissions throughout western North America and the U.S. Pacific Islands. The Collaborative seeks to significantly improve air quality and public health by providing assistance to upgrade high-polluting diesel-fueled engines, vehicles, and equipment with cost-effective and cleaner emission control technologies.

DERA State FY23-24: Idaho Department of Environmental Quality - Vehicle Replacement Program

Where:
Statewide, ID

Grantee:
Idaho Department of Environmental Quality

Replacing:
11 school buses
10 tractor trailer trucks

Funding:
$416,197 U.S. EPA's DERA
$1,035,000 Matched

Lifetime Emissions Reduced: *
3.29 tons of $PM_{2.5}$
38.96 tons of NO_x
10.19 tons of CO
3.71 tons of HC
2,118.8 tons of CO_2

What is the West Coast Collaborative?
The Collaborative is a partnership among leaders from federal, tribal, state, and local governments, the private sector and environmental and community groups in EPA Regions 9 and 10.

The West Coast Collaborative is pleased to announce the Idaho Department of Environmental Quality's (DEQ) receipt of a 2024 U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) State Grant to reduce diesel emissions with a rebate program under the DERA emission reduction solution of vehicle replacement. This project will be implemented using $416,197 in DERA grant funding combined with $1,035,000 in matching cost-share funds from DEQ.

What is this Project?

This project will replace 11 publicly owned school buses with an average engine year of 2003 and 10 privately owned tractor trailer trucks with an average engine year of 2005, operating in Idaho with the option of the following fuel types: cleaner diesel, Liquid Natural Gas, Compressed National Gas, Propane, Hydrogen, or electricity. These cleaner engines will reduce the amount of air pollution that was emitted by the older, less efficient equipment

Why is this Important?

Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis, and pneumonia. By replacing older, higher-emitting diesel-fueled vehicles, this project reduces human exposure to diesel emissions and therefore negative health effects associated with diesel exposure. This project targets areas in Idaho that are currently designated as attainment with maintenance plans for PM2.5 (Franklin and Shoshone Counties) and areas that DEQ has identified as areas of concern including Ada and Canyon counties for PM2.5 and ozone; and Benewah and Lemhi counties selected for PM Advance. The selected vehicle replacement technologies will reduce particulate matter emissions and ozone precursor emissions in these

Who are the Partners?

This project will be administered by the DEQ, who implements state environmental programs pursuant to state laws and rules, including the Clean Air Act, Safe Drinking Water Act, Resource Conservation and Recovery Act, and a portion of the Clean Water Act. DEQ received this DERA grant through the Collaborative and will distribute these grant funds to participating freight, municipal, transit, and school bus sectors, with target fleets including Class 8 short-haul logging trucks, short-haul dump/sand/snowplow trucks, freight delivery trucks, and school district school buses. DEQ will be responsible for the oversight and implementation of the grant.

* Estimated air emission reductions over the lifetimes of these engines.

For more information about this project, contact the U.S. EPA Becky Torgrimson, Torgrimson.becky@epa.gov or 208-387-5774.

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