



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 2021: Columbia Corridor Association - Ongoing Clean Air Collaborative: Minority, Women and Small Business Support

Under the Diesel Emission Reduction Act (DERA), the U.S. Environmental Protection Agency (EPA) awarded the Columbia Corridor Association (CCA) a \$372,630 grant with Fiscal Year 2021 funding. This grant will fund the replacement of six heavy-duty diesel-powered trucks, supporting reduced emissions and improved air quality in Multnomah, Washington, and Clackamas counties, Oregon. The project will be implemented with a cost share of \$871,250 for a total project cost of \$1,243,880.

What is the Project?

The Columbia Corridor Association (CCA), will work with Cutter Construction Co. Inc., Gateway Trucking LLC, Northwest Infrastructure, Alamo Paving Company, and Jet Expedited Transport Inc. to replace diesel-powered vehicles used for construction and goods movement. The five companies in partnership with the CCA are all small businesses, woman-owned, or minority-owned. The project will scrap and replace six heavy-duty diesel-powered trucks, supporting reduced emissions in the Portland metropolitan area.

Why is this Project Important?

Diesel emissions represent an ongoing challenge for healthy air quality within Oregon. Multnomah, Washington, and Clackamas counties are all listed in the 2014 National Air Toxics Assessment with modeled concentrations of diesel particulate above the 80th percentile nationally. While these counties are currently in attainment with National Air Quality Standards (NAAQS), in recent years the Portland metropolitan area has exceeded the NAAQS for particulate matter and ozone. By reducing diesel emissions, this project will result in multiple public health benefits and address environmental justice issues associated with disproportionate exposure to air toxics in an urban setting.

What are the Estimated Environmental Benefits?

The replacement of these diesel-powered trucks is projected to reduce the annual diesel emissions by 4.02 tons of nitrogen oxides (NO_x), 0.21 tons of particulate matter 2.5 (PM_{2.5}), 0.18 tons of hydrocarbons (HC), 1.0 tons of carbon monoxide (CO), and 44.2 tons of carbon dioxide (CO₂), and 472.5 tons CO_{2e} black carbon. This will result in estimated cumulative emission reductions of 19.62 tons NO_x, 1.05 tons PM_{2.5}, 0.85 tons HC, 4.85 CO, and 218 tons CO₂, and 2,362.5 CO_{2e} black carbon over the lifetime of these vehicles.

How is this Project Funded?

The West Coast Collaborative is a partnership between leaders from federal, tribal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast and is part of the National Clean Diesel Campaign:

www.epa.gov/cleandiesel

Where can I find more information?

For more information on the West Coast Collaborative, please visit our website at: www.westcoastcollaborative.org. For more information about this project, please contact Lucita Valiere at Valiere.Lucita@epa.gov