



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.

Columbia River Corridor Towboat Engine Repower

Under the National Clean Diesel Grant Program, the U.S. EPA provided the Oregon Department of Environmental Quality \$286,046 in funding to reduce diesel emission by repowering engines on a towboat.

What is the Project?

The Oregon Department of Environmental Quality (ODEQ) in partnership with Tidewater Barge Lines, will replace two uncertified propulsion engines on the *Captain Bob* towboat with engines meeting Tier 2 emission standards. Tidewater's area of operation extends from the inland Port of Lewiston, Idaho to the Pacific Coast Port of Astoria, Oregon, a distance of 465 miles. ODEQ together with Tidewater has leveraged \$1,765,206 in matching funding for the completion of the project.

Why is this project important?

Marine vessels can be a significant source of emission within an air shed, especially NOx and particulate matter (PM), that can result in adverse public health and environmental consequences. This repower project will substantially reduce diesel emissions and along the Columbia, Willamette and Snake Rivers, which is the largest inland waterway system west of the Mississippi River.

What are the estimated environmental/ economic benefits?

This project is expected to have the following lifetime emission reductions: 34.65 tons of PM, 8.25 tons of HC, 157.25 tons of CO, 14,797 tons of CO₂.

How is this project funded?

Through EPA and National Clean Diesel Funding Assistance Program, the West Coast Collaborative is providing \$286,046 in funds in support of this project. Additionally, the project anticipates a match of \$1,765,206 from Tidewater Barge Lines.

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, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign (www.epa.gov/cleandiesel).

How can I find out more about the Collaborative?

For more information, on the West Coast Collaborative, please visit our website at www.westcoastcollaborative.org. For more information about this project or about the Marine Sector, please contact Dan Brown at brown.dan@epa.gov