



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 2012 – The Tulalip Tribe of the Tulalip Reservation (Washington) – Fishing Fleet Certified Engine Repower Project *Phase II*

Under the Diesel Emission Reduction Act (DERA), the U.S. EPA West Coast Collaborative awarded The Tulalip Tribe (Washington State) \$346,620 to repower marine fisheries vessels with new, low-emission diesel engines. These vessels are used for gillnet fisheries and dive fisheries along the Tulalip Bay. The project will be implemented with over \$346,685 in leveraged funding.

What is the Project?

The Tulalip Tribe will repower (11) tribal marine vessels with (12) new low-emission diesel engines. The vessels are used for gillnet fisheries (salmonids), dive fisheries (shellfish).

Why is this project important?

Repowered marine vessels are some of the most effective and cost-effective targets for NOx and PM reduction. In 2010, the Emission Inventory for the greater Tulalip Bay air shed identified marine vessel engines as the largest contributor of SO₂, PM 2.5, and Hydrocarbons. In the Tulalip fishing fleet, the majority of the diesel vessels in service are propelled by engines built prior to 2001. With poor engine performance, low

fuel efficiency and high emissions associated with the older engines, the vessels have a high annual activity level within and outside the Tulalip Bay.

What are the estimated environmental/economic benefits?

Repowering the fishing fleet vessels will achieve the following lifetime reductions: 92.8 tons of Nitrogen Oxides, 5.6 tons of particulate matter, 1.2 tons of Hydrocarbons, and 7.2 tons of carbon monoxide.

How is this project funded?

The West Coast Collaborative is providing \$346,620 in support of this project, and Tulalip Tribe and partners will provide \$346,685 in leveraged funding.

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).

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. For more information about this Tribal project, please contact Lucita Valiere at valiere.lucita@epa.gov.