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 Tribal 2019: The Quinault Indian Nation – Marine Diesel Engine Repower Project

Under the Diesel Emission Reduction Act (DERA), the EPA awarded the Quinault Indian Nation, located in Washington State, a $171,407 grant with Fiscal Year 2019 funding. The grant will fund marine engine replacements on one marine fishing vessel with new, low emission diesel engines. The vessel is used throughout the year for ocean troll fishery for Chinook and Coho Salmon, marine species fishery for halibut, sablefish, lingcod, rockfish, and sardines, and a shellfish fishery for Dungeness Crab. The project will be implemented with a cost share from the Quinault Tribe of $52,136, with a total project cost of $223,543.

What is the Project?

The Quinault Indian Nation will work with the individual tribal member who owns the fishing vessel involved in this project to repower one marine vessel. This project will replace three (3) new, low-emission Tier 3 diesel engines with three (3) Tier 0 marine engines powering a tribal fishing vessel.

Why is this Project Important?

The Quinault Indian Nation Clean Marine Fishing Fleet Project is intended to be a multi-phase project that aims to achieve significant reductions in the diesel emissions of tribal marine vessels. Through the re-powering of eligible tribal commercial fishing fleet vessels, the Quinault Indian Nation fleet will be able to achieve a dramatic decrease in vessel emissions, reduction in overall fuel consumption, and will improve the health and safety of community members.

What are the Estimated Environmental Benefits?

Repowering the fishing fleet vessels is projected to reduce the diesel emissions of nitrogen oxides (NOx) by 4.92 tons and particulate matter ($PM_{2.5}$) by 0.0.49 tons over the lifetime (25 years) of the repowered engines.

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.