



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.

Tribal DERA 2020: Swinomish Indian Tribal Community – Phase 5 Marine Engine Repower Project

Under the Diesel Emission Reduction Act (DERA), the U.S. Environmental Protection Agency (EPA) awarded the Swinomish Indian Tribal Community a \$199,330 Tribal DERA grant with Fiscal Year 2020 DERA funding. The grant will be used to replace two (2) Tier 2 marine diesel engines with new, low-emission Tier 3 marine engines. The FY20 project will be implemented with a mandatory cost share of \$55,100 provided by the fishing fleet vessel recipient, for a total project cost of \$254,430.

What is the Project?

The Swinomish Indian Tribal Community (SITC) will work with the selected fishing fleet vessel owner to replace one Tier 2 auxiliary engine and one Tier 2 propulsion engine with Tier 3 low-emission diesel auxiliary engines to power the vessel electricity and hydraulics.

Why is this Project Important?

The project constitutes Phase 5 of SITC's diesel emissions reduction efforts under the Clean Diesel Program, seeks to build upon the 64% reductions in PM2.5. The marine diesel emission reductions from this project are unlikely to be achieved through other means.

What are the Estimated Environmental Benefits?

The Swinomish Indian Tribal Community (SITC) anticipates significant reductions in diesel emissions based on EPA's verified emission reduction estimations, using the Diesel Emission Quantifier. The FY2020 marine engine replacement will have immediate reduction of NOx by 0.73 tons, PM2.5 by 0.035 tons, hydrocarbons by 0.010 tons, carbon monoxide by 0.31 tons, and carbon dioxide by 50.63 tons, along with a reduction of 30% in fuel usage used annually.

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