



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 Swinomish Indian Tribal Community (Phase 4) Marine Engine Repower and Fish Plant Shore Power Project

Under the Diesel Emission Reduction Act (DERA), the EPA awarded the Swinomish Indian Tribal Community in Washington State a \$542,733 grant with Fiscal Year 2019 funding. The grant will fund the replacement of high-emitting marine engines to support reduced emissions and improve air quality. The project will be implemented with a cost share of \$170,832 from the Tribe for a total project cost at \$713,565.

What is the Project?

The Swinomish Tribal Community will replace six (6) Tier 0 and three (3) Tier 1 marine engines with new, low-emission Tier 3 marine engines. All engines are propulsion diesel engines powering tribal fishing vessels. All engines are individually owned by enrolled Swinomish tribal members.

Why is this Project Important?

The Swinomish Tribal Community – Marine Engine Repower Project is entering its fourth phase in the project that aims to achieve a significant reduction in the diesel emissions of its tribal marine fishing fleet. Through the repowering of eligible tribal commercial fishing fleet vessels, the Swinomish Tribal Community fishing fleet will be able to achieve a dramatic decrease in vessel diesel 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 (NO_x) by 12.65 tons, particulate matter 2.5 (PM_{2.5}) by 0.22 tons, and hydrocarbons (HC) by 0.20 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.