



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 2016: The Lummi Tribe of the Lummi Reservations – Marine Engine Replacement Project (Phase 3)

Under the Diesel Emission Reduction Act (DERA), the EPA awarded the Lummi Tribe located in Washington State a \$300,606 grant with FY 2016 funding. The grant will fund an engine replacement project on their reservation to reduce idling emissions from diesel fishing vessels. The tribe will replace six diesel engines on six tribally owned fishing vessels with new Tier 3 engines. The vessels are used for salmon, halibut, crab, and shrimp fishing. The project will be implemented with a mandatory cost share from the Lummi Tribe of \$122,287 with a total project cost of \$422,893.

What is the Project?

The Lummi Tribe of the Lummi Reservation will work with the individual tribal members who own the fishing vessels involved in this project to repower six engines from six vessels.

Why is this project important?

The Lummi fishing fleet is approximately 50% comprised of engines older than 1997. Older engines such as these have poor performance, low fuel efficiency, and high emissions. These vessels also are heavily utilized and run an average of 1000 hours/year. The vessels are moored at the Lummi Reservation marina and are operated around the Puget Sound waters of Whatcom County.

What are the estimated environmental benefits?

The diesel engine repower of six fishing vessels is projected to reduce NOx by 5.8 tons and PM2.5 by 0.44 tons annually.

What is the Collaborative?

The West Coast Collaborative (WCC) 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.

How can I find more information?

For more information on the WCC, please visit our website at: www.westcoastcollaborative.org.

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