



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 2014: Swinomish Indians of the Swinomish Reservation –Marine Engine Repower and Fish Plant Shore Power Project (Phase II)

Under the Diesel Emission Reduction Act (DERA), the EPA West Coast Collaborative awarded the Swinomish Indian Tribal Community (Washington State) a \$792,000 grant with 2014 funding. The grant will help to fund Phase II of a project to reduce diesel pollution from marine engines. The project will be implemented with \$253,422 in leveraged funding, with a total project cost of \$1,045,422.

What is the Project?

Phase II of the Swinomish Marine Engine Repower and Fish Plant Shore Power Project will consist of replacing twelve older and more polluting marine diesel engines with new, low-emission diesel engines. The engines are comprised as ten propulsion engines and two auxiliary engines.

Why is this project important?

The project is expected to improve the air quality for the Swinomish Indian Tribal Community (SITC). The proposed project will achieve a significant reduction in marine diesel emissions from the Swinomish Fishing Fleet as well as from vessels using the shore power pedestals at the Fisherman's docks which provide loading

and unloading infrastructure. The shore power pedestals also provide significant fuel savings by allowing engines to be shut down while loading and unloading.

What are the estimated environmental benefits?

The project is expected to reduce fine particulate matter (PM2.5) emissions by at least 58%. It is estimated that in Phase II of this project, 14.8% (38,440 gallons) will be reduced, in which the fishermen will save 6,9076 gallons of fuel.

What is the Collaborative?

The West Coast Collaborative is an ambitious 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. Partners come from all over Western North America, including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Canada and Mexico. The Collaborative is part of the National Clean Diesel Campaign.

How 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.