



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: Tanana Chiefs Conference – Diesel Emissions Reduction Project (Manley Hot Springs Village) in Alaska

Under the Diesel Emission Reduction Act (DERA), the U.S. Environmental Protection Agency (EPA) awarded the Tanana Chiefs Conference, a \$519,716 Tribal DERA grant with Fiscal Year 2020 DERA funding. The grant will be used to replace two unregulated diesel gen-sets located in Manley Hot Springs Village, Alaska, with two Tier 3 gen-sets that will be more efficient for the community. The FY20 project will be implemented with a mandatory cost share of \$139,827 provided by applicant, and a voluntary cost share of \$145,735 from the VW Settlement to Tribes, for a total project cost of \$805,279.

What is the Project?

The Tanana Chiefs Conference will replace two (2) unregulated diesel generators at the power plant in Manley Hot Springs, Alaska, a remote and isolated community of approximately 80 people located 160 miles west of Fairbanks.

Why is this Project Important?

The installation of new, cleaner, and appropriately sized generators will decrease fuel consumption, reduce emissions, and lower the cost of power in this remote Alaskan village.

What are the Estimated Environmental Benefits?

Through Tanana Chiefs Conference, the Manley Hot Springs Village anticipates significant reductions in diesel emissions based on EPA's verified emission reduction estimations, using the Diesel Emission Quantifier. The FY2020 gen-set replacement will have annual/lifetime reductions of NOx by 6.646 / 33.232 tons, PM2.5 by 1.696 / 8/479 tons, hydrocarbons by .691 / 3.453 tons, carbon monoxide by 5.893 / 29.464 tons, and carbon dioxide by 80.5 / 402.4 tons.

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