



The West Coast Collaborative is a public-private partnership focused on reducing diesel emissions throughout western North America and the U.S. Pacific Islands. The Collaborative seeks to significantly improve air quality and public health by providing assistance to upgrade high-polluting diesel-fueled engines, vehicles and equipment with cost-effective and cleaner emission control technologies.

Tribal and Insular Area DERA 2021: Reducing Yard Tractor Emissions by the Port Authority of Guam

Where:

Jose D. Leon Guerrero
Commercial Port of Guam

Grantee:

Port Authority of Guam

Replacing:

2 Yard Tractors

Funding:

\$250,000 U.S. EPA's DERA
Tribal & Insular Areas
Program

Emissions Reduced*:

0.583 tons of PM_{2.5}
0.132 tons of NO_x
1.5 tons of CO
4.8 tons of CO₂

What is the Collaborative?

The West Coast Collaborative is a partnership among leaders from federal, tribal, state, and local governments, the private sector and environmental and community groups in EPA Regions 9 and 10

The West Coast Collaborative is pleased to announce the Guam Environmental Protection Agency's (EPA) receipt of a 2021 U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) Tribal and Insular Areas Grant to replace two higher polluting diesel nonroad yard tractors with new cleaner Tier 4 Final emission engines. This project will be implemented using [\\$126,609 in DERA grant funding](#). Guam is a U.S. territory located in the Pacific Ocean.

What is this Project?

This project will replace two higher polluting diesel nonroad yard tractors with new, cleaner Tier 4 ultra-low sulfur diesel emission tractors. The older yard tractors will be permanently scrapped and rendered inoperable

Why is this Project Important?

Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis and pneumonia. People living in communities around ports face an increased risk of cancer, asthma, birth defects, and decreased lung function. By reducing emissions from the diesel yard trucks, this project will improve air quality and directly benefit communities that surround the Jose D. Leon Guerrero Commercial Port of Guam.

Who are the Project Partners?

This project will be administered by the Port Authority of Guam which oversees all goods movement activities within the Jose D. Leon Guerrero Commercial Port of Guam. The Port Authority of Guam received this DERA Tribal and Insular Areas Program grant through the Collaborative and will be responsible for all grant oversight, data monitoring and reporting.

*Estimated air emission reductions over the remaining lifetimes of these engines.