



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.

DERA State 2021: Reducing Yard Tractor Emissions in Jose D. Leon Guerrero Commercial Port of Guam



Where:

Jose D. Leon Guerrero Commercial Port of Guam, Guam



Grantee:

Guam Environmental Protection Agency



Replacing:

2 Yard Tractors



Funding:

\$126,609 U.S. EPA's DERA
\$113,391 Voluntary Match



Emissions Reduced:*

1.4 tons of PM_{2.5}
4.3 tons of NO_x
3.5 tons of CO
0.1 tons of HC



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 U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) State Grant to replace 2 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** combined with **\$113,391 in voluntary cost-share funds** from the Guam EPA and project partner. Guam is a U.S. territory located in the Pacific Ocean.

What is this Project?

This project will replace 2 higher polluting diesel nonroad yard tractors with new, cleaner Tier 4 Final emission engines.

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 Guam EPA, A, an agency whose mission is to preserve and enhance the environment of the island and U.S. territory of Guam in order to protect public health, sustain healthy ecosystems, and contribute to a vibrant economy. Guam EPA received this DERA grant through the Collaborative and will distribute these grant funds to the Port Authority of Guam, a legal public corporation, and an autonomous instrumentality of the Government of Guam. Guam EPA will be responsible for all data monitoring and reporting.

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