



The West Coast Collaborative is a 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 Tribal & Territory FY22: Guam Solid Waste Authority – Vehicle Replacement Program



Where:
U.S. Territory of Guam



Grantee:
Guam Solid Waste Authority



Replacing:
1 electric refuse hauler



Funding:
\$400,000 U.S. EPA's DERA
\$100,000 Matched



Lifetime Emissions Reduced:*
0.01 tons of PM_{2.5}
0.26 tons of NO_x



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

The West Coast Collaborative is pleased to announce the Guam Solid Waste Authority receipt of a 2022 U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) Tribal and Territory Grant to replace one diesel with a battery-electric refuse hauler in the U.S. Territory of Guam. This project will be implemented using \$400 in DERA grant funding combined with \$100,000 in matching cost-share funds.

What is this Project?

This project will replace one diesel fueled refuse truck with a zero-emission battery-electric truck and charging infrastructure. This new electric refuse truck will greatly reduce the amount of air pollution that was emitted by the older, less efficient refuse hauler.

Why is this Important?

Exposure to diesel exhaust is associated with decreased lung function and can also exacerbate the symptoms of asthma, bronchitis and pneumonia. By replacing older, higher-emitting diesel-fueled refuse trucks, this project reduces human exposure to diesel emissions and therefore negative health effects associated with diesel exposure.

Who are the Partners?

This project will be administered by the Guam Solid Waste Authority, whose mission is to provide a safe and environment for residents through proper, timely, and efficient collections of reduce materials throughout Guam. The Guam Solid Waste Authority received this DERA grant through the Collaborative and will be responsible for the oversight and implementation of this grant.