



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 Vacuum Truck Emissions in American Samoa



**Where:**

American Samoa



**Grantee:**

American Samoa Power Authority



**Replacing:**

1 Vacuum Truck



**Funding:**

\$126,269 U.S. EPA's DERA



**Emissions Reduced:\***

0.06 tons of PM<sub>2.5</sub>

1.06 tons of NO<sub>x</sub>

0.36 tons of CO

0.06 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 American Samoa Power Authority's (ASPA) receipt of a U.S. Environmental Protection Agency (U.S. EPA) Diesel Emissions Reduction Act (DERA) State Grant to replace an old diesel vacuum truck. This project will be implemented using **\$126,269 in DERA grant funding**. American Samoa, which consists of five main islands, is a U.S. Pacific island territory located in the South Pacific Ocean.

### What is this Project?

This project will replace an old 2002 diesel vacuum truck gross vehicle weight rating (GVWR) 33,000 pounds with a 2021 model year diesel engine vacuum truck.

### 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 replacing the older diesel vacuum truck, this project reduces human exposure to diesel emissions and therefore negative health effects associated with diesel exposure.

### Who are the Project Partners?

This project will be administered by the ASPA and will be responsible for all data monitoring and reporting.

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

For more information about this project, contact the U.S. EPA, Trina Martynowicz ([martynowicz.trina@epa.gov](mailto:martynowicz.trina@epa.gov))

For more information on the Collaborative, visit [www.westcoastcollaborative.org](http://www.westcoastcollaborative.org).