

CONTRACT ML14022
**PURCHASE OF NINE COMPRESSED NATURAL
GAS HEAVY DUTY TRUCKS**

COUNTY OF LOS ANGELES DEPARTMENT OF
PUBLIC WORKS

May 10, 2017

*Prepared for the Mobile Source Air Pollution Reduction
Review Committee (MSRC) Under the AB 2766
Discretionary Fund Work Program*

Acknowledgements

This report was submitted in fulfillment of ML14022 and the Purchase of Nine Compressed Natural Gas Heavy Duty Trucks through Los Angeles Truck Centers and Plumbers Depot by the County of Los Angeles Department of Public Works under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of June 25, 2015.

Disclaimer

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (SCAQMD). The mention of commercial products, their sources or their uses in connection with material reported is not to be construed as either an actual or implied endorsement of such products.

Final Report

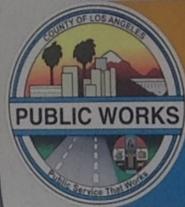
Public Works has chosen to pursue projects that will result in improved air quality throughout the County and enhance the overall quality of life for all residents. The projects implemented by Public Works represent the continuing commitment to reduce vehicle emissions and improve the air quality within the South Coast Air Basin and our local communities.

The purpose of this project was to purchase nine alternative fuel vehicles to replace older, diesel powered equipment. These vehicles included four street sweepers and five dump trucks, all fueled by compressed natural gas. Public Works purchased the new alternative fuel vehicles through Los Angeles Truck Centers and Plumbers Depot Inc. The street sweepers and dump trucks were placed into service by June 25, 2015. The vehicles replaced are sold at a public auction within 90 days of new vehicle deliveries.

The acquisition of these vehicles helped to reduce hydrocarbons emissions by about 32 percent, nitrogen oxide (NOx) by about 85 percent, and particulate matter by 100 percent.

Public Works has monitored the performance of the nine alternative fuel vehicles purchased under this grant. Aside from routine preventive maintenance and minor repairs, the trucks were performing to specifications and there have been no reports of major mechanical or technical issues related to the CNG vehicles. Public Works plans to continue observing the trucks and will report any performance issues to the manufacturer/dealer.

19C-008



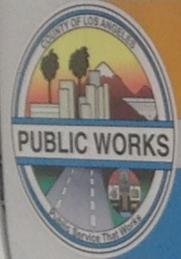
CA 796

Project supported by
Clean Transportation
Funding from the MSRC
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EMERGENCY SHUT OFF
VALVE INSIDE



19C-008



CA 796

WARNING
Bumper and Rear Light
Indicate application
Fuel Lock
Engage and disengage
fuel lock
Do not open door or
hood
Check fuel valve to tank
at all times

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EMERGENCY SHUT OFF
VALVE INSIDE

CNG

Grants Help Los Angeles County Pay for CNG Vehicles

April 06, 2017



The Los Angeles County Department of Public Works recently purchased and placed into service nine heavy-duty compressed natural gas (CNG) trucks as part of its ongoing effort to reduce pollution and improve air quality.

The nine trucks — including a front loader, 10-yd. dump trucks, patch trucks, and street sweepers — cost about \$2.5 million, and grant funding from the Mobile Source Air Pollution Reduction Review Committee (MSRC) provided \$30,000 per vehicle, or \$270,000 total.

Public Works plans to continue purchasing CNG (as well as electric and plug-in hybrid) vehicles to reduce harmful emissions.

Additional efforts to promote clean air vehicles and equipment include the upcoming installation of CNG stations, CNG maintenance facility upgrades, and installation of electric vehicle charging stations. Currently, CNG trucks are being fueled at non-county fueling stations using Voyager credit cards.

Related: [Tenn. City to Replace Vehicles with \\$2M Grant](#)

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