

Clean Energy

Nationwide Environmental Services

CNG Fueling Station

Final Report

Contract #: MS08073

11914 Front Street

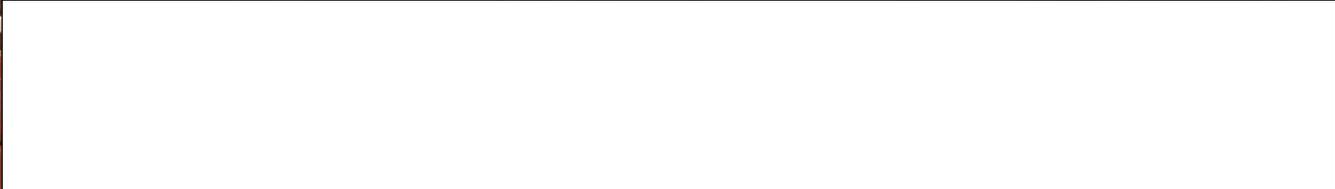
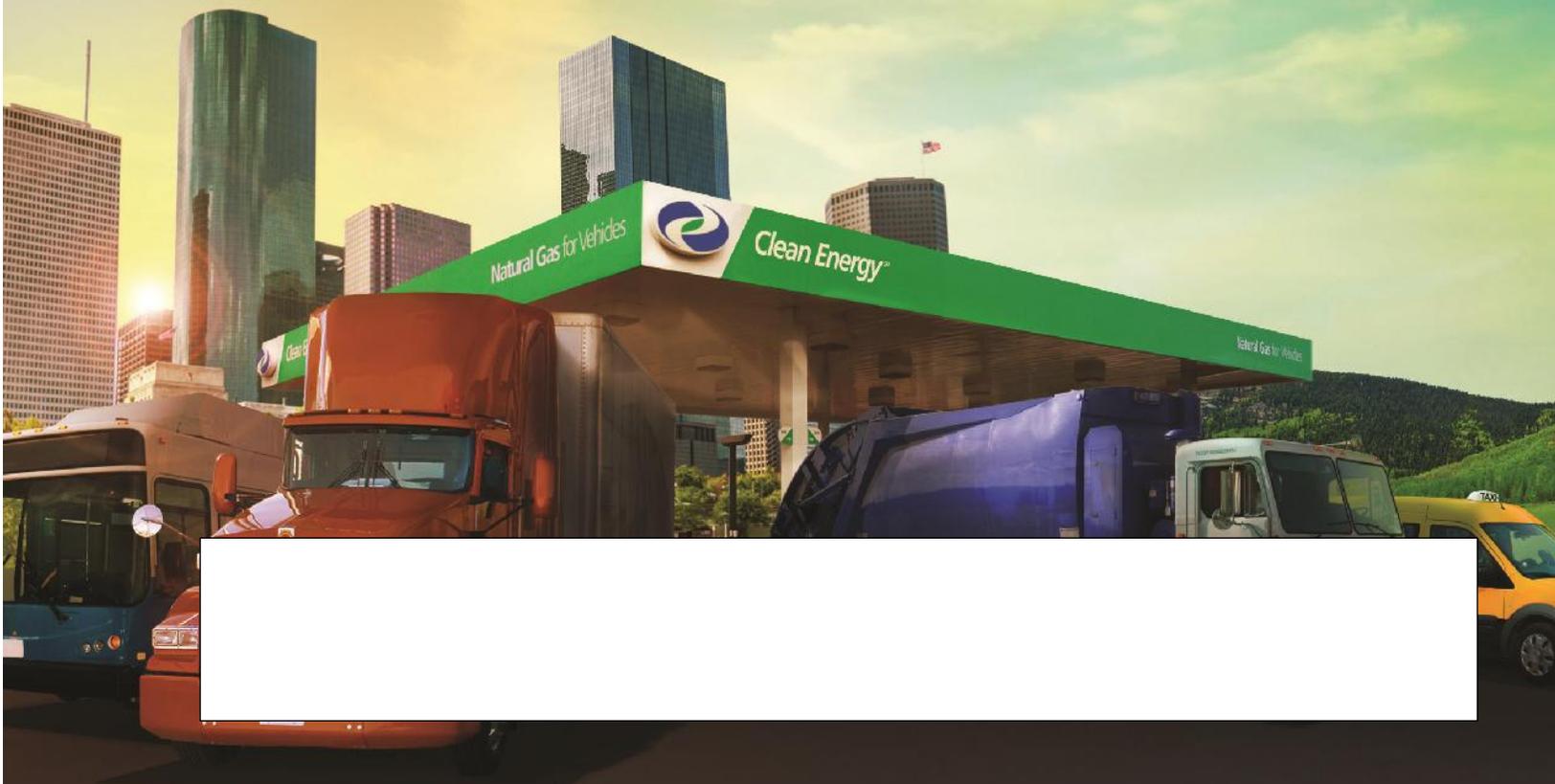
Norwalk, CA 90650

4675 MacArthur Court, Suite 800

Newport Beach, CA 92660

(949) 437-1000

www.CleanEnergyFuels.com



Acknowledgements

Clean Energy thanks the Mobile Source Air Pollution Reduction Review Committee (MSRC) for their efforts that made this project possible.

This report was submitted in fulfillment of MSRC Contract# MS08073, Nationwide Environmental Services CNG Station under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of December 2008.

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 constructed as either an actual or implied endorsement of such products.

Project Description

This contract provided \$400,000 in funding to offset the costs of constructing and operate a new private access CNG fueling station at 11914 Front Street, Norwalk, CA. Clean Energy provided the remaining capital for this purchase, a total of \$636,713.98. With the funding assistance from the Mobile Source Air Pollution Reduction Review Committee (MSRC), Clean Energy was able to develop an additional fueling infrastructure for the fleets in the South Coast Air Quality Management District (SCAQMD).

Clean Energy entered into an agreement to construct and operate a CNG station on the property owned by NES located at 11914 Front Street, Norwalk, CA. The station allowed the NES to fuel their dedicated street sweepers. The site includes one (1) Compressor, and one (1) storage tank and twenty-five (25) time-fill post capable of fueling 25 vehicles, which dispense 253,999 GGE annually.

Clean Energy brings extensive experience in developing CNG infrastructure. Clean Energy is the only CNG station designer, builder and operator that manufacture our own equipment. Clean Energy prides itself on the knowledge that its customers have never missed a roll-out of their fleets. Our operations and maintenance technicians are all industry experts in their fields and are on-call 24-hours-a-day, 7-days-a-week.

Work Performed

Station construction started in October 2008 following approval of all site plans and acquisition of all necessary permits. Construction ran smoothly and concluded on December 15, 2008.

Task 1: Preliminary Documentation

CONTRACTOR shall submit a report (Pricing Report) demonstrating how the MSRC/AQMD's funding contribution will reduce the price that end users pay for CNG fuel on a DEG basis.

The Pricing Report was submitted on January 30, 2009. The pricing report demonstrates how the MSRC's funding contribution reduced the price that end users pay for retain CNG.

CONTRACTOR shall provide AQMD with copies of any subcontractor agreement(s) for fueling station construction prior to proceeding with project.

Clean Energy entered into a contract with HGR Mechanical for the construction of this facility; a copy of the contract was provided to the MSRC for consideration in January 2009.

Task 2: Construct and Operate CNG Fueling Station

CONTRACTOR shall install and maintain a new private access CNG fueling station at the CONTRACTOR'S site located at 11914 Front Street, CA, as specified in Attachment 3, CNG Fueling Station Specifications. All equipment must be new and not previously used.

CONTRACTOR shall operate this station at the specified location for a minimum of five years from the date the station begins dispensing fuel. Beginning in the third year with the third year of station operation, CONTRACTOR shall dispense a minimum of 155,000 GGE of natural gas annually.

To meet the needs of the Nationwide Environmental Services, Clean Energy designed and constructed a CNG station that includes (1) compressor, one storage vessel, and twenty-five time-fill post capable of fueling vehicles. The facility was completed and began dispensing fuel in December 15, 2008. Beginning the 3th year of operation, the station dispensed well over its 155,000 GGE requirement of CNG.

Task 3: Promotion

CONTRACTOR shall prepare and submit a proposed Public Outreach Plan to promote the MSRC's co-funding of the station to the media and/or community. Acceptable outreach may include, but not limited to, a Grand Opening/project kickoff event, press releases, or a press conference; The Public Outreach Plan shall automatically be deemed approved 30 days following receipt by AQMD staff, unless AQMD staff notify CONTRACTOR in writing of a Public Outreach Plan deficiency. CONTRACTOR shall implement the approved Public Outreach Plan in accordance with the Project Schedule below, notifying AQMD staff at least fourteen days prior to any outreach event.

Nationwide Environmental Services published advertising announcing grand opening of their new Natural Gas Fueling Station. See published advertisement attached.

PROBLEMS ENCOUNTERED

Clean Energy did not encounter any problems relative to the design or construction of this project. We have designed numerous facilities of similar size and scope, the lessons learned on these projects have enabled us to design and build facilities more efficiently. The Clean Energy project team has many years of experience in the natural gas industry.

EMISSIONS BENEFITS

This project significantly reduced toxic air emissions while promoting the environmental improvement, domestic fuel savings, and economic opportunity stimulus goals of this funding program. Natural gas is the cleanest choice of fuel available today for this market. Natural gas powered vehicles produce up to 29% fewer greenhouse gas emissions^[1] than comparable gasoline models^[2]. The project dramatically reduced on-

^[1] "Detailed California-Modified GREET Pathway for Compressed Natural Gas (CNG) from North American Natural Gas" California Air Resources Board, January 12, 2009.

^[2] "Detailed California-Modified GREET Pathway for Ultra Low Sulfur Diesel (USLD) from average Crude Refined In California" California Air Resources Board, January 12, 2009.

road transportation emissions which are key contributors to poor air quality throughout California, South Coast and Norwalk.

SUMMARY AND CONCLUSIONS

Clean Energy appreciates the support that has been provided by the Mobile Source Air Pollution Review Committee and South Coast Air Quality Management District for alternative fuel projects in the South Coast Air Basin. We suggest the continued support for funding projects that increase natural gas infrastructure, provide buy-downs for clean-fueled natural gas vehicles and fund technology advancement.

PHOTOGRAPHS/OUTREACH







**You are cordially invited to attend a
Ribbon Cutting Celebration**



**Of our New State of the Art
CNG Fueling Station
At Nationwide Environmental Services**

Please join us for a sizzling cookout catered by In-N-Out Burger

Date: Tuesday August 4th 2009

Time: Between 11:00 a.m. & 3:00 p.m.

Location: 11914 Front Street Norwalk, Ca. 90650

hosted by Nationwide Environmental Services

**Please RSVP by July 24th 2009
(562) 860-0604 or (800) 222-5637
email: cristina@nes-sweeping.com**



Clean Energy

Teaming together to build a greener future