

**FINAL REPORT
CONTRACT NO. ML16059
PURCHASE 6 HEAVY-DUTY CNG VEHICLES
CITY OF BURBANK
DEPARTMENT OF PUBLIC WORKS
INTEGRATED WASTE MANAGEMENT DIVISION
June 1, 2017**

**PREPARED FOR THE MOBILE SOURCE AIR POLLUTION REVIEW
COMMITTEE (MSRC) UNDER THE AB 2766 DISCRETIONARY FUND
WORK PROGRAM.**

Acknowledgements – This project was completed with the support of the Burbank City Council, the City of Burbank Fleet Maintenance Division, City of Burbank Management Services, and City of Burbank Department of Public Works Administration. This report was submitted in fulfillment of Contract No. ML16059, Purchase 6 Heavy-Duty CNG Vehicles, by City of Burbank Department of Public Works, Solid Waste Division, under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of June 1, 2017.

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.

Project Description and Work Performed – A purchase order was issued for the acquisition of the 6 CNG vehicles included in this contract. On 11-12-15, PO#145016 was issued to Velocity Vehicle Group for the purchase of 6 CNG 2016 or newer Auto Car ACX side loading refuse trucks for \$346,531.87 per unit.

These side-loading refuse trucks were delivered 4-1-16 All 6 vehicles have now been placed in service and the MSRC decals have been placed on the vehicles, as shown in the photos included with this report.

All the vehicles replaced 2004 model year CNG side loading refuse trucks. The City plans to replace an additional 12, 2004 model year CNG-powered refuse trucks with cleaner CNG trucks in the near future in order to fully complete the transition to the latest technology CNG vehicles.

Problems Encountered - The City's Fleet Maintenance Superintendent reports that "We have had minimal problems with the trucks related to CNG fuel systems."

Emissions Benefits – CNG is an important transportation fuel because it can reduce carbon dioxide emissions by 20 – 30 % and particulate matter emissions by up to 95%, compared to diesel.

Photographs and Outreach – On May 17, 2017, the City Manager’s Office released a press release titled “City of Burbank Helps Clean The Air For Local Residents With New Clean Fueled Refuse Haulers.” As reflected in the same attached file, the press release was included on the City’s Web site main page press releases. Copies of the Web site materials are included in the “CNG Truck Press Materials” attachment.

On May 13, 2016, roughly 800 elementary school students attended Public Works Day at the City’s corporate yard. One of the CNG refuse trucks was included among the trucks on display at this event. City staff discussed the features of the trucks with the students.

Also attached are two “CNG Truck Pictures” of one of the CNG Trucks showing the MSRC logo and a signed copy of the requested “CNG Truck Photo Release” form.

Summary and Conclusions – The 6 CNG vehicles purchased under this contract were all obtained and placed into service by the due date of the final report, June 1, 2017. They are all performing satisfactorily and the benefits of the contract have been widely publicized under the public outreach program noted above. MSRC staff has concluded that this is a worthwhile project since it reduced a significant amount, of NO_x, a criteria pollutant.

