



***Local Government Match Program 2009 Edition***

**FINAL REPORT**



**City of Palm Springs  
September 2015**

**Contract Number ML09010  
Purchase of Heavy-Duty CNG Vehicle**

**CONTRACT PERIOD  
January 8, 2010 – February 7, 2016**

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

**CITY OF PALM SPRINGS  
AB 2766/ML09010**

**Final Report**

**Acknowledgements**

This report was submitted in fulfillment of Contract AB 2766/ML09010, Purchase of Heavy-duty CNG Vehicle, by the City of Palm Springs (City) under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). The vehicle, a dump truck, was placed into service on January 7, 2010. Public Outreach activities were completed in September 2015. All contract requirements were fulfilled by September 8, 2015.

Implementing Agency

The City of Palm Springs was the implementing agency for this project.

Subcontractors

The CNG vehicle was purchased from the following vendor

Inland Kenworth  
9730 Cherry Avenue  
Fontana, CA 92335  
Telephone: 714-392-5883

Key Project Staff

Steven D. Rakestraw, Fleet Operations/Maintenance Manager for the City of Palm Springs. Mr. Rakestraw has been in his position with the City since 2008.

Assuming responsibility for the project from his predecessor, Mr. Rakestraw oversaw the operation and maintenance of the dump truck, implementation of the public outreach activities, and completion of required reporting.

**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 materials reported herein is not to be construed as either an actual or implied endorsement of such products.

### **Summary and Conclusions**

The project covered under ML09010 was intended to further the goals of the City of Palm Springs *Your Sustainable City* program and the MSRC by implementing a clean air project.

#### Scope

The project proposed in Contract ML09010 involved the following elements:

- Purchase of CNG dump truck
- Operation of vehicle on City of Palm Springs maintenance projects
- Preparation and submission of reports

#### Purpose

To meet fleet rule 1191 and 1196 to support the goals of clean air and a healthier environment.

#### Background

Assembly Bill 2766 provides that a component of the Vehicle Registration fee be allocated by the AQMD to cities and counties to implement and monitor programs to reduce air pollution from vehicles. The MSRC, through a grant application process, administers 30% of AB 2766 funds. The remaining 70% of AB 2766 funds are distributed to cities on a population-based formula. These funds are to be used for clean air programs.

On March 20, 2009, the City of Palm Springs applied for a total of \$25,000 in funding from the Mobile Source Air Pollution Reduction Review Committee (MSRC) Clean Transportation Funding *Local Government Match Program 2009 Edition* to off-set the cost of purchasing a CNG dump truck for its fleet operations. The total cost of the vehicle was estimated at \$292,595.

The South Coast Air Quality Management District Governing Board (AQMD) approved Palm Springs's application and on January 9, 2009, Contract ML09010 between the City of Palm Springs and the South Coast AQMD was executed.

The maximum AB27666 funds payable under this contract is \$25,000.

### **Description of Work Performed**

All work for this project has been complete as follows:

- Purchase of the CNG-powered Kenworth T-800 10 yard dump truck.
- Training of staff on operation and maintenance of the CNG vehicle
- Execution of outreach activities
- Completion of invoicing to the MSRC
- Preparation and submittal of Final Report

The final actual cost of the dump truck was \$291,970.41

### **Problems Encountered**

There were no significant problems encountered in the acquisition of the vehicle. The truck has operated well with little downtime.

Fuel mileage per tank does limits the use of the vehicle and its high cost will be hard to recover even with the \$25,000 contribution by the MSRC



### Public Outreach Plan Documentation and Photographs

In order to meet the requirements of Contract ML09010 and receive the reimbursement funding, Palm Springs developed a Public Outreach Plan for the project. The plan was submitted to the MSRC. MSRC staff approved the plan on August 28, 2015.

The following table details the actions, start and completion dates of the Public Outreach Plan activities. Copies of the materials are included with this report.

	ACTIONS	START	COMPLETE
1.	Secure and attach MSRC decal to the dump truck naming the MSRC as co-funder of the vehicle	August 2015	September 2, 2015
2.	Develop a press release covering the success of the vehicle operation for the past five years and coordinate distribution through The Better World Group.	August 2015	September 4, 2015
3.	Post a news story with a photo of the dump truck in use on the City of Palm Springs <i>Your Sustainable City</i> site	August 2015	September 8, 2015

Photographs of the dump truck will be forwarded to the MSRC staff per instructions. Photographs detail the CNG elements and the MSRC decal.

### Emission Benefits

Air pollutants reductions are as follows:

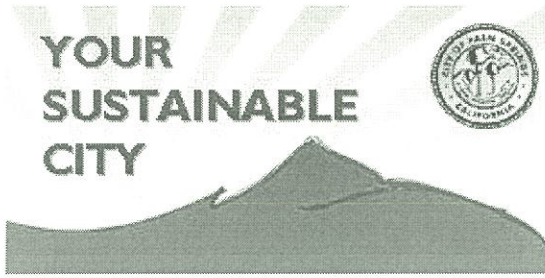
200 lbs per year of NOX

15 lbs per year of PM10

### Conclusions

The purchase and operation of the CNG dump truck is an example of Palm Spring's commitment to air pollution emission reductions. The project furthered the goals of the Palm Springs *Your Sustainable City* program and achieved elements of the City's Non-Motorized Transportation Plan.

The role of the MSRC in funding clear air projects was highly noted. The project is one more step in providing a cleaner environment for the community.



FOR IMMEDIATE RELEASE

Contact: Michele Mician  
760 323 8214

**PALM SPRINGS HAS BEEN “DUMPING” DIRTY AIR FOR THE LAST FIVE YEARS  
WITH ITS CNG-FUELED WASTE TRUCK**

PALM SPRINGS, CA - [September 4, 2015] - Five years ago, the City of Palm Springs invested in a new dump truck fueled by compressed natural gas (CNG) and it is still going strong today. With the help of \$25,000 in Clean Transportation Funding from the Mobile Source Air Pollution Reduction Review Committee (MSRC), the city purchased a CNG-powered Kenworth T-800 10 yard dump truck for use by the Public Works Department.

The CNG vehicle replaced a 1990 gasoline powered truck in keeping with the city's commitment to improving air quality in the Coachella Valley and the city's Alternative Fuel Vehicle Procurement Policy adopted in 2008. Additionally, this project helped furthered the city's goals in the *Your Sustainable City* program and achieved the elements of the city's non-motorized transportation plan.

Since it first began operating, it is estimated that the CNG dump truck has helped to remove approximately half a ton of nitrogen oxide (NOx) and 75 pounds of particulate matter (PM10) from the skies of Palm Springs and its neighboring cities. The vehicle has operated well and the Public Works Department is very happy with its performance and clean air benefits it is generating. The city is committed to continuing to make these types of clean air investments to improve the quality of life for its residents and those of the entire region.

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Media Type	Outlet	First Name	Last Name
Magazine	Palm Springs Life	Olga	Reyes
	Magazine		
Community Newspaper	Inland Empire	Maryjoy	Duncan
	Community Newspapers		
Community Newspaper	The Riverside	David	Barnes
	County Record		
Daily Newspaper	The Desert Sun	Erica	Felci
Daily Newspaper	The Press-	David	Dannelski
	Enterprise		
News Web Site	InlandSoCal.com	Tom	Bray
Daily Newspaper	The Desert Sun	Sammy	Roth
Daily Newspaper	The Desert Sun	Ian	James
	The Press-		
Daily Newspaper	Enterprise	Julianna	Crisalli





**CITY WEB SITE: *CHOOSE TO REUSE***  
**SEPTEMBER 8, 2015**

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With the generous support of the MSRC, the Palm Springs is able to implement innovative green strategies that benefit the welfare of the City, its residents and the surrounding communities. For more information on the mission and projects of the MSRC, please go to [www.CleanTransporatationFunding.org](http://www.CleanTransporatationFunding.org).

(Photos Provided Separately)

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