



**To:** Zero Waste Advisory Commission

**From:** Bob Gedert, Department Director, Austin Resource Recovery

**Date:** August 14, 2013

**Subject:** **Compressed Natural Gas**

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The purpose of this item is to obtain a favorable ZWAC recommendation for the City Council to authorize approval for a purchase with Trillium CNG in conjunction with Fleet Services. The total amount is not to exceed \$250,000 for the purchase and installation of 28 additional time-fill fuel dispensers for the Compressed Natural Gas (CNG) station. ARR is providing funding in the amount of \$60,000 and Fleet Services is providing funding in the amount of \$190,000.

***Background***

This contract is to provide and install an additional 28 time-fill dispensing hoses to the Compressed Natural Gas (CNG) Fueling Facility located at 4108 Todd Lane, Austin, TX. This fueling system is used by the Austin Resource Recovery Department to fuel its refuse and recycle collection trucks. Currently, the fueling site consists of one dual fast-fill dispenser for public users and 28 slow-fill dispensers for City vehicles. The expansion will increase the fuel filling capacity that is needed to accommodate the fueling for the 13 new CNG-powered trucks that are scheduled to be purchased this fiscal year and are expected to be delivered near January 1, 2014.

Trillium is the sole provider for this facility expansion due to the existing and on-going contract with the City that requires them to operate, manage, and maintain the fueling equipment at this site. In addition, Trillium holds a patent on the technology for the process that meters the volume of gas dispensed to each individual time-fill hose while only requiring a single weight and measures approved flow meter.

***Contract Timeline***

August 14<sup>th</sup> – ZWAC Meeting  
August 22<sup>nd</sup> – Target Date for City Council Consideration/Authorization

***Staff Recommendation***

Staff recommends City Council authorization for the purchase with Trillium CNG in conjunction with Fleet Services for the 28 additional time-fill fuel dispensers for the Compressed Natural Gas (CNG) station in an amount not to exceed \$60,000 from ARR.