



DEPARTMENT OF TRANSPORTATION  
AND PUBLIC WORKS

# Milwaukee County

DIRECTOR • Daniel Goeden

July 17, 2009

Russell Dudan  
President  
Centron Energy Corporation  
W176 N9830 Rivercrest Drive, Suite #104  
Germantown, WI 53022

Dear Mr. Dudan:

You asked for me to provide you with information on our evaluations and use of the Centron Diesel Supplement in our fleet of patrol plow trucks. The majority of the trucks range in age from 1998 to 2007 and we are currently using ultra-low sulfur fuel.

We have run two evaluations of the Centron Diesel Supplement for fuel consumption and for emission reductions. One in the fall of 2008 which included four trucks and one in the Spring of 2009 which included 13 trucks where we treated our bulk diesel fuel tank at our North Garage facility.

#### Emission Reductions

The levels of Hydrocarbons (HC) and Nitrogen Oxides (NOx) were measured using an EPA approved Auto Logic Emissions Analyzer. We saw results almost immediately and as we continued using Centron the results kept improving. The first evaluation showed a reduction of NOx emissions of 26% and HC emissions of 62%. The second evaluation showed similar results with a NOx reduction of 25% and a HC reduction of 36% which was continuing showing improvement with use.

#### Fuel Savings

We used our fuel tracking system to evaluate mileage improvement from miles driven and gallons pumped. We determine a fuel savings of 18.1% on the first sample of trucks we evaluated and a 6.4% improvement with the limited number of miles in the second evaluation, and the fuel economy numbers were continuing to improve.

#### Additional Results

We have tried multiple fuel additives in the past; and Centron is the first to deliver results. We were pleased to find that using Centron helps with the lubricity lost when using ultra low sulfur fuels and we had no cold weather issues with the trucks utilizing Centron. The Centron fuel additive has also reduced downtime of our trucks that were directly related to fuel problems. We are pleased with the water removal and cleaning properties of the product and expect these same results in our bulk fuel tanks.

Overall, the target criteria were met with fuel savings and a significant reduction in emissions. Our expectation is to use the Centron Diesel Supplement throughout the Milwaukee County Fleet to help reduce our fuel budget.

Regards,

Daniel Goeden  
Fleet Director  
Milwaukee County Fleet Management