



**PATRICK E. PAINTER**  
**WATERSHED MANAGEMENT DIVISION**  
**PUBLIC UTILITIES ADMINISTRATION**  
8537 NORTHLAKE BOULEVARD  
WEST PALM BEACH, FLORIDA 33412  
TEL: 561-248-5125  
FAX: 561-624-9893

*"The Capital City of the Palm Beaches"*

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Samuel Burlum &  
Phil Castleberg  
Intercharger USA, LLC  
Extreme Energy Solutions  
150 Main Street  
Ogdensburg, NJ 07439

**Subject: Air Fuel Saver – Intercharger Emission Reduction**

Gentlemen,

In 2008, the local government entity of the City of West Palm Beach, Florida was selected amongst eighteen (18) other U.S. Cities to participate in a hallmark Carbon Disclosure Project/Cities Pilot Project 2008, organized under ICLEI USA and the Carbon Disclosure Project (CDP) based out of London, England.

As part of the overall process culminating from a complete Greenhouse Gas (GHG) emissions accounting of the city government; a GHG emissions management and reduction program was to be enacted.

Specific to this latter requirement several targeted influences within the realm of operational control were to be selected, equipped or retrofitted to convert and influence present particle pollutants arising from combustion engine usage.

Targeted particle pollutants were CO<sup>2</sup>, NO<sub>x</sub>, Hydro-Carbons (HC) and ground-level Ozone.

A complete due diligence inquiry into plausible means led us to selecting the Air Fuel Saver, Intercharger System® as a quick and reliable add-on component to address the targeted pollutants.

An intermediate long-term trial was conducted on several pieces of equipment; including a diesel truck, a John Deer Mule, a Skag Mower, an airboat and a regular fuel V-8 truck within our Division's fleet to ascertain emission reduction contributions attributable to the introduced Intercharger System. Total percent (%) reduction in emissions was both measurable and impressive with an average reduction in HCs of 60%, CO<sup>2</sup> of 18%, and NO<sub>x</sub> of 36% as collected by your certified testers at multiple stages of the trial.

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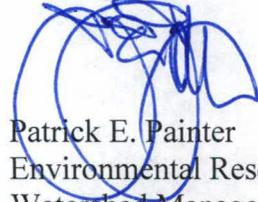
Although at first blush the total reduction across the board may not appear equally applied we feel that improvements; even small emission reduction can have cumulative positive influences when applied to larger scales that might be applied at a fleet level of the City.

Given the importance of reduction of ground-level Ozone layers which is a prevalent concern within all sub-tropical and tropical cities due to the interrelationships (VOC + NO<sub>x</sub> + heat + sunlight = Ozone) inherent at this latitude and the growing public health concerns related to its persistence, any and all reductions can only speak to concerned future governance on the part of the public sector to mitigate its impacts.

At this point in the trial we are looking to continue performance tracking in an effort to build a plausible cost-effective emission reduction means in consideration of what the Intercharger System has revealed possible and attainable.

Once again, thank you for your cooperation in this trial.

Best regards,



Patrick E. Painter  
Environmental Resources Manager  
Watershed Management Division

cc: William Palsgraf (Intercharger)  
Frank Fusiek (City of WPB)