

## **NTRD Program Disclaimers**

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**Texas Commission on Environmental Quality  
New Technology Research & Development (NTRD) Program  
Monthly Project Status Report**

Contract Number: 582-5-70807-0022

Grantee: Combustion Components Associates

Date Submitted: \_\_\_\_\_

Report for the **Monthly** period: July 2006

Starting Date July 1, 2006 Ending Date July 31, 2006

Section I. Accomplishments *(Please provide a bulleted list of project accomplishments as well as a description of their importance to the project.)*

- July 17, 2006 – Hired New ELIM-NOx Product Manager, Peter J. Reba.
  - To get the program back on track
- July 17 to July 21, 2006 – Performed lab dyno testing on ELIM-NOx system at Olsen Ecological in Fullerton, CA.
  - Provides FTP test basis for comparison to actual data from durability unit validation I the field in Dallas, Texas.

**Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:**

July 17, 2006 – Hired New ELIM-NOx Product Manager, Peter J. Reba.

Section 3: Grant Activities  
Article 2: Scope of Work  
Task 3: Program management and reporting

July 17 to July 21, 2006 – Performed lab dyno testing on ELIM-NOx system at Olsen Ecological in Fullerton, CA.

Section 3: Grant Activities  
Article 2: Scope of Work  
Task 2: “De-greening” and “Aging” requirements of the EPA/ETV verification program of the Mobile Diesel SCR System (ELIM-NOx).  
2.1.1 The performing party will data log and evaluate the duty cycle and estimate system efficiency once installed on Waste Management Trucks.

The systems were installed on Waste Management Trucks in May 2006. The data acquired and the duty cycle information were run in the lab to establish a basis for measurement and accuracy.

Section II: Problems/Solutions

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| <p><b>Problem(s) Identified</b></p> <p><i>(Please report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project)</i></p> | <p><i>Gathering and Evaluating the data from the Wasye Management Trucks yield high NOx reductions in the exhaust but do not show overall percentage reduction relative to the EPA/ETV Mobile Source Verification standards.</i></p> |
| <p><b>Proposed Solution(s)</b></p> <p><i>(Please report any possible solution(s) to the problem(s) that were considered/encountered)</i></p>                        | <p><i>Take the calibration from the Waste Management truck, install on ELIM-NOx system in test lab and run on the FTP cycle for comparison to EPA/ETV Verification.</i></p>  |

|   |  |
|---|--|
| <p>Action(s) Conducted and Results</p> <p><i>(Please describe the action(s) taken to resolve the problem(s) and its effect)</i></p> | <p><i>Copy of calibration was taken from a Waste Management truck and run at Olsen Ecological I Fullerton, CA to establish comparable basis. Test result are currently being evaluated and reviewed.</i></p> |
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**Section III. Goals and Issues for Succeeding Period:** *(Please provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen)*

**Goals for August 2006**

*Complete evaluation of lab test data.*

*Re-validate system on Waste Management Trucks I Dallas, TX*

*Establish contact with EPA, ETV and SwRI as new Product Manager for Combustion Components Associates.*

*Meet with TCEQ to evaluate project status and update.*

*Apply for Grant Extension by August 15, 2006*

*Peter J Reba*

Date: August 10, 2006

\_\_\_\_\_  
*Authorized Project Representative's Signature*

**NOTE:** *Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.*

