

NTRD Program Disclaimers

1. Disclaimer of Endorsement:

The posting herein of progress reports and final reports provided to TCEQ by its NTRD Grant Agreement recipients does not necessarily constitute or imply an endorsement, recommendation, or favoring by TCEQ or the State of Texas. The views and opinions expressed in said reports do not necessarily state or reflect those of TCEQ or the State of Texas, and shall not be used for advertising or product endorsement purposes.

2. Disclaimer of Liability:

The posting herein of progress reports and final reports provided to TCEQ by its NTRD Grant Agreement recipients does not constitute by TCEQ or the State of Texas the making of any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, and such entities do not assume any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represent that its use would not infringe privately owned rights.

**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: November 10, 2005

Report for the **Monthly** period:

Starting Date October 1, 2005

Ending Date October 31, 2005

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

- 1) Submitted EPA Application October 20th(see attached) (task 2.2.1)
- 2) Contacted Grande Mack Sales and Service 11215 Weidner Road San Antonio, TX 78233 to purchase test engine. Engine options include new engine at \$23,000 or a remanufactured engine for an estimated \$11,000. Will choose remanufactured engine to reduce cost. Discussed purchase of used engine to combine with a remanufactured engine and result in a \$15,000 engine(task 2.2.4) Will complete engine location and pricing by the end of November.
- 3) Catalyst released for manufacture and in process. Expect catalyst shipment any day.

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

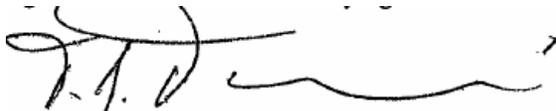
Related task# from the activity list is included in parenthesis above.

Section II: Problems/Solutions

<p>Problem(s) Identified</p> <p><i>(Please report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project)</i></p>	<p><i>Catalysts did not ship to muffler manufacturer until October 14th. Muffler manufacture has extended beyond three weeks and will not ship until week of Nov 14th.</i></p> <p><i>Hours of accumulation will not occur until end of February.</i></p>
<p>Proposed Solution(s)</p> <p><i>(Please report any possible solution(s) to the problem(s) that were considered/encountered)</i></p>	<p><i>Assign vehicles to highest duty cycle operation. There is more household trash during the holiday season so vehicles will be used more heavily.</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>EPA Application submitted and CARB application is also being submitted so that parallel verification takes place using the same test data.</i></p>

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)*

Stage complete systems for shipment and install systems. Actual installation likely to take place in early November.



T.J. Tarabulski

Date 11/10/05

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.*

