

## **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.

7/19/05

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

Contract Number: 582-5-70807-M025 \_\_\_\_\_

Grantee: \_\_\_\_\_ CleanAir Associates Inc. \_\_\_\_\_

Date Submitted: \_\_\_\_\_ July 15, 2005 \_\_\_\_\_

Report for the **Monthly** period:

Starting Date \_\_\_\_\_ June 1, 2005 \_\_\_\_\_ Ending Date \_\_\_\_\_ June 30, 2005 \_\_\_\_\_

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

1. We have contacted Steve Fritz with Southwest Research Institute to get a quote from the locomotive test side to determine if the cost to test a locomotive engine is within the scope of the costs as we have submitted previously to the TCEQ. We have been advised by Terry Ulman on the industrial side of Southwest Research Institute they couldn't test our catalyst within the time frame allotted.
2. We have procured a list of the qualified testing labs as supplied by the EPA and have contacted Gerald Glinsky and Keith Vertin with the Environmental Testing Corp. in Aurora, Colorado as well as Joseph Jones with the California Environmental Engineering Lab in Santa Ana, California, about testing our catalyst. These labs are not equipped to do the testing we need performed.
3. We have contacted Richard Lane with AVL Powertrain Engineering in Plymouth, Michigan and are awaiting an answer on testing our catalyst as per the FTP test procedures. We should have an answer within the next two weeks, along with a cost schedule for the necessary testing involved with proof of concept testing.
4. We will contact the TCEQ, with the information we have acquired, for authorization of the test facility for the proof of concept testing as per FTP procedures.

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

Proof of Concept Testing.

**Section II: Problems/Solutions**

<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>The problem identified, is the industrial side of Southwest Research Institute as told by Terry Ulman, can not test our catalyst at this time. This has caused us to look for another lab to do the appropriate FTP testing we need performed to get our proof of concept testing so we can continue on with our certification testing.</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>We have contacted Steve Fritz on the locomotive test side of Southwest Research Institute, and he is interested in performing the FTP tests we need for the proof of concept testing, on a locomotive engine. We have also contacted other labs in the United States that are qualified to perform the proof of concept testing, and are awaiting a quote that is in line with the costs we have been awarded by the TCEQ.</i></p>

<p><b>Action(s) Conducted and Results</b></p> <p><i>(Please describe the action(s) taken to resolve the problem(s) and its effect)</i></p>	<p><i>We have contacted Steve Fritz with Southwest Research Institute about testing our catalyst on a locomotive engine. We have submitted the testing protocol and we have contacted Richard Lane with the AVL lab in Michigan for a quote to test our catalyst, and are awaiting an answer from these labs on the costs and a time frame to do the testing.</i></p> <p><i>We will be receiving information as to the time line on the proof of concept testing, and the lab that can perform the test, and provide the necessary documentation of the results to TCEQ.</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)*

*We will continue to follow up on the results as provided by the labs, and forward the information on to the TCEQ for permission to use the lab that can do the appropriate FTP test procedures for proof of concept testing to satisfy the provisions as outlined by the TCEQ Grant guidelines.*

Robert Cra  
Authorized Project Representative's Signature

Date: July 15, 05

**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.*

**Texas Commission on Environmental Quality  
New Technology, Research & Development Program  
Emissions-Reducing Grant  
Financial Status Report – Form 269a**

State Agency Organizational Unit to Which Report Is Submitted: TCEQ – NTRD Program – Mail Code 204

1. Payee Identification Number (FEI#/SSN): **47-0895538**

2. Recipient Organization (Name and Complete Address, including Zip Code):  
**CLEANAIR ASSOCIATES INC.  
1125 BRADSHAW DR.  
CORPUS CHRISTI, TEXAS  
78412**

3. TCEQ Contract Number: **582-S-70807**

4. Final Report:  
 Yes     No

5. Accounting Basis:  
 Cash     Accrual

6. Total Grant Period (mm/dd/yy):  
From: **5-24-05** To: **2-28-06**

7. Period Covered by this Report (mm/dd/yy):  
From: **6-1-05** To: **6-30-06**

8. Budget Category	Approved Budget	Project Costs This Report*	Cumulative Project Costs	Remaining Balance**
a. Personnel/Salaries		0		0
b. Fringe Benefits		0		0
c. Travel		0		0
d. Equipment		0		0
e. Supplies		0		0
f. Contractual	\$26,400.00	0		0
g. Construction		0		0
h. Other		0		0
i. Total Direct (SUM a-h)		0		0
j. Indirect Charges		0		0
k. Total (SUM i & j)		0		0

\* List (itemize) on the appropriate supplemental form all component expenses comprising the total for each category. Attach documentation of expenses as requested in the instructions.  
 \*\* Negative balances in any of the budget categories should be explained in a brief accompanying narrative.

9. Certification. I certify that to the best of my knowledge and belief that this report is correct and complete and that all outlays and unliquidated obligations are for the purposes set forth in the award document.

Signature of Authorized Certifying Official: *Robert Crane*      Date Submitted: *July 15, 05*