

## **NTRD Program Disclaimers**

### **1. Disclaimer of Endorsement:**

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7/18/05

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

Contract Number: 582-5-708007-M031

Grantee: Extengine Transport Systems, LLC

Date Submitted: July 15, 2005

Report for the **Monthly** period:

Starting Date 5/31/05 Ending Date 6/30/05

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

Task 1:

- Initial application submitted to EPA in electronic format
- Meeting between Extengine CEO and Chief Technology Officer with Cliff Dean of EPA Retrofit Assessment Section to discuss issues of coordination with California for jointly recognized verification test
- Selection of test engine and corresponding appropriate test hardware configuration in process
- Preliminary teleconference with RTI regarding test requirements including methods of aging test hardware.

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

**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><b>None identified at this time</b></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><b>Not applicable</b></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><b>Not applicable</b></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)*

Goals:

- Complete negotiation on program test protocol between RTI, SwRI, EPA and ARB.
- Submit final EPA and ARP test plan documents
- Acquire test engine and specify components hardware
- Begin preliminary tests of SCR control software with self-learning feature using bench prototypes
- Issue PO to RTI

Issues:

- Establishing control algorithm for active DPF and integrating with Extengine SCR controller.
- Establishing SCR self-learning algorithm.

  
Authorized Project Representative's Signature

Date: July 15, 2005

**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.*