

NTRD Program Disclaimers

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10/10/05

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

Contract Number: 582-5-70807-M027

Grantee: Spearhead Technologies – Dean Steiger

Date Submitted: October 10, 2005

Report for the **Monthly** period:

Starting Date September 1, 2005

Ending Date September 30, 2005

Section 1. Accomplishments *(Please provide a bulleted list of project accomplishments as well as a description of their importance to the project.)*

- Sept 6 – Contacted Dr. Scott Wayne from WVU for test procedure for the chassis dynamometer test. He had not yet completed it.
- Sept 12 – Talked to Dr. Wayne again, he finished the procedure. We had him fax a copy of the proposed test procedure to us as well as Randy Baylor at TCEQ. Also he sent the paperwork to his contract department at WVU. He also informed us that it would take 7-10 days to receive a contract, so we pushed back our scheduled test date to the 3rd of October.
- Sept 26 – Was contacted by Randy Baylor of TCEQ to say that we were declined funding for the Chassis Dynamometer test. Discussed options and what needed to occur. We then initiated contact with the California Air Regulation Board (CARB), now know as (ARB). Our contacts at ARB are Susan Reed and Shawn Daley. We are beginning the process of certification and verification of the EngineMaxx product with the ARB.
- Sept 27 – Canceled all reservations and accommodations for the test in WVU, with the intent to perform the Chassis Dynamometer test at a later date to be determined.

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

We have determined that a Chassis Dynamometer test will be needed in order to fairly evaluate the EngineMaxx patents. We will work towards test approval from ARB.

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>We have determined that a Chassis Dynamometer test will be needed in order to fairly evaluate the EngineMaxx patents.</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>We will work towards test approval from ARB. Once we receive certification from the ARB, we will begin the verification process.</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>We are making contacts with the ARB and beginning the application process currently.</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)*

- To receive approve to conduct a Chassis Dynamometer test from the ARB



Authorized Project Representative's Signature

Date: Oct 7, 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.*