

## **NTRD Program Disclaimers**

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Received

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

Contract Number: 592-5-70807-0004

Grantee: Baytech Corporation

Date Submitted: 26 September 2005

Report for the **Monthly** period:

Starting Date: 1 August 2005

Ending Date: 31 August 2005

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

1) Baytech received California Air Resources Board Executive Orders for the dual fuel engine families. The CARB Executive Orders chart below has been updated to reflect receipt of these Executive Orders.

**CARB Executive Orders**

Baytech Engine Family (Fuel)	Executive Order No.	Service class	NOx test level (g/bhp-hr)	End-of-life cert level -- NMHC+NOx (g/bhp-hr)	Status
5BYTH08.1C11 (Natural Gas)	A-330-0121	CA medium duty	0.23	0.3	Complete
5BYTH08.1P11 (propane)	A-330-0122	CA medium duty	0.21	0.4	Complete
6BYTH08.1C13 (CNG)	A-330-0126	HDO	0.23	0.3	Complete
6BYTH08.1P13 (propane)	A-330-0129	HDO	0.21	0.3	Complete
6BYTH08.1C23 (CNG or gasoline)	A-330-0133	HDO	0.23	0.3	Complete
6BYTH08.1P23 (propane or gasoline)	A-330-0137	HDO	0.21	0.4	Complete
6BYT08.1C12 (natural gas)	A-330-0139	HDO	0.21	0.5	Complete
6BYT08.1C22 (CNG or gasoline)	A-330-0142	HDO	0.21	0.5	Complete
6BYTH08.1P12 (propane)	A-330-0140	HDO	0.25	0.9	Complete
6BYT08.1P22 (propane or gasoline)	A-330-0145	HDO	0.25	0.9	Complete

No other work was conducted on the project this reporting period.

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

Items 1 is related to the activities in SOW Task 2 for the 8.1L propane and CNG engines.

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>No problems are anticipated that will affect progress toward successful completion of the project.</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>	

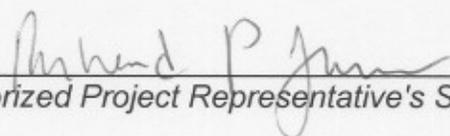
**Action(s) Conducted and Results**

*(Please describe the action(s) taken to resolve the problem(s) and its effect)*

**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)*

Baytech will continue to market the propane and CNG 8.1L engine as part of our commercialization efforts. Baytech has received orders for both propane and CNG versions of the engine.

Baytech currently plans to conduct the 6.0L Heavy Duty propane engine sequential Multi-Port Fuel Injection System prototype development and evaluation beginning in September 2005. This work will be conducted using a 2006 Model Year vehicle/engine

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

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

9/26/05

**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.*

The following documents are attached:

1) Copies of California Air Resources Board Executive Orders for the 8.1L propane and CNG received in August 2005 are attached.