

NTRD Program Disclaimers

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

Contract Number: 582-5-70807-0002

Grantee: County of El Paso

Date Submitted: 9-11-06

Report for the **Monthly** period:

Starting Date 8-1-06 Ending Date 8-31-06

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

In August, El Paso County, Ruby Mountain Inc., and Border Quality Campaign of El Paso del Norte (BQC) have been coordinating with industry and local service providers in El Paso on the activities summarized below.

- Conducted conference calls with Hydraulic Launch Assist (HLA) manufacturer Eaton Technologies to discuss the El Paso County project application. Specifically, the following issues were addressed: completing modifications to the project work scope which will allow for a bifurcated field testing process for the project vehicle.
- Project team members have been coordinating with Bell Powers Systems in Essex, CT to ensure the timely re-power of the project vehicle from diesel to natural gas and subsequent installation of the L/CNG fueling system. Several conference calls have been held with Alex Bell and his shop foreman to ensure that the El Paso County vehicle is given priority in terms of the engine re-power, as well as to answer any questions that the staff may have about the project vehicle.
- Continued planning for pilot test evaluation and transport of project vehicle from Essex, CT to El Paso.
- Prepared a revised project timeline with key milestone and deliverable dates.
- Coordinated for an independent vehicle inspection at Bell Power Systems. The inspection will be conducted and results made known in September.
- Began preparation of the Task 2 report. The report will be completed and submitted to El Paso County and TCEQ in mid-September.

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

Task 2: Installation and Fabrication

2.2 Task Statement: The performing party will install and fabricate the necessary components to construct the transit bus with ADA capabilities with the HLA and the natural gas engine.

Task 4: Reporting

2.4 Task Statement: Prepare and submit monthly detailed project reports and a comprehensive final report while ensuring compliance with all TCEQ program requirements.

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>No substantial technical problems identified in August.</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>N/A</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>N/A</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)*

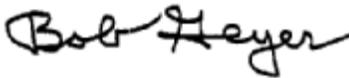
Work in the next month of the project period will focus on the following contract tasks:

Task 2: Installation and Fabrication of bus.

2.2 Task Statement: The performing party will install and fabricate the necessary components to construct the transit bus with the L/CNG engine and tank systems.

2.2.1 Install and fabricate the necessary components to construct the transit bus with L/CNG engine:

- a. Install CNG fuel system
- b. Fabricate and install LNG system
- c. Fabricate and install economizer valve
- d. Design interface software to integrate CNG and LNG system
- e. Integrate L/CNG system with engine



Date: 9-11-06

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.*