

NTRD Program Disclaimers

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

Contract Number: _____508-5-70807-0016_____

Grantee: _____Texas A&M Research Foundation_____

Date Submitted: _____October 23, 2005_____

Report for the **Monthly** period: August 2005

Starting Date _____July 22, 2005_____ Ending Date _____May 31, 2006_____

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

- Completed instrument building construction in July 2005
The shed will house all air quality instrumentation, i.e. the CO₂, CO, NO_x, and Ozone analyzers. The building is air-conditioned to provide a nearly constant ambient temperature for improved instrument performance. Keys to the building are available from the site manager, Gunnar Schade, ph. 979-8450633
- Completed tower construction on August 31, 2005
Tower height is ~22 m above ground and extents the vegetation by ~8-10 m. All gas inlets and standard meteorological sensors (T, RH, Irradiance, PAR, WD, WS, Precip., P) will be mounted from the top tower level
- Invited quotes for standard meteorological instrumentation
Award notice was not forwarded to us by the Research Foundation before the beginning of August, which led to delays in purchasing. Invited quotes showed that it would be most economical to purchase the required instrumentation from different suppliers while keeping compatibility.

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

Article 2. Scope of Work

Task 1 – Construction of test site and infrastructure development

Including 2.1.1, 2.1.3, and 2.1.4

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><i>1. Late notice of award by TAMRF to the site manager → difficulties with time table</i></p> <p><i>2. Site manager has no laboratory in Eller O&M building yet → no possibility for lab-testing</i></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><i>1. None</i></p> <p><i>2. complete laboratory construction</i></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>1. None</i></p> <p><i>2. laboratory construction is proceeding</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)*

Purchase meteorological instrumentation. Invite quotes for air quality instrumentation. Invite quotes for auxiliary equipment (tubing, pumps, valves, fittings, standard gases, etc.) Complete site infrastructure construction.

 Date: Oct. 23, 2005
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.*