

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: _____

Report for the **Monthly** period: April 2006

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.)*

- tested remote access wireless internet connection between Eller O&M building and the Lick Creek Park air quality site. Operational
- Reinstalled repaired wind speed sensor on top tower level
- acquired interim ozone analyzer from Vince Torres, U Texas at Austin
- installed air quality instrumentation: NO/NO_y, CO, O₃
- started air quality sensor testing period

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 2.1.5 and 2.1.6

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>Still waiting for our own Dasibi ozone to be returned from Tanabyte Inc., California, where it was send for refurbishing</i></p> <p><i>Still waiting for gas standards to be delivered</i></p> <p><i>Losing sensor output due to large vultures using test site as perch (e.g. lost wind speed wind direction sensor; lost rain gauge funnel)</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>More bird spikes ordered.</i></p> <p><i>Will install perch on higher level once vertical beam is raised for sonic anemometer</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>Installed interim ozone analyzer acquired from V. Torres, U Texas</i></p> <p><i>Installed bird-be-gone 7" bird spikes on tower railing and sensor beams</i></p> <p><i>Inquired about shipping date for standards: second week in May</i></p> <p><i>Send sensor(s) for repair to manufacturer</i> <i>Replaced rain gauge funnel and installed bird spike</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)*

Hire undergraduate student for site assistance and data dissemination.

Install gas standards and partially automate calibration procedure.

Initialize web page for data dissemination, intended posting in June.

 Date: 5-15-06
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.*