

## **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: \_\_\_\_\_ June 30, 2006 \_\_\_\_\_

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

Starting Date \_\_\_\_\_ July 22, 2005 \_\_\_\_\_

Ending Date \_\_\_\_\_ August 31, 2006 \_\_\_\_\_

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

- operated all analyzers and meteorology without power outages
- calibrated all sensors with zero air, and CO and NO analyzer also with span gas
- instated weekly zero/span checks
- developed web site, accessible on TAMU Dptm. Atmospheric Sciences homepage
- developing data analysis routine using R

**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 2.1.6 and 2.1.8*

*Task 2 – Commission the site, Quality-assure data and maintain site*

*Including 2.2.1*

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><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>high pressure alarm on NO analyzer. no leak detected</i></p> <p><i>- noticed offset between wind direction at site versus airport met-station</i></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>	<p><i>could not localize leak. will talk to manufacturer</i></p> <p><i>will check on wind direction sensor alignment</i></p>
<p><b>Action(s) Conducted and Results</b></p> <p><i>(Please describe the action(s) taken to resolve the problem(s) and its effect)</i></p>	<p><i>will ignore for now as calibration is maintained (last check on June 27)</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)

- fill web page with data dissemination, first postings in beginning of July.
- span-check ozone analyzer weekly like others
- calibrate NO<sub>y</sub> catalyst biweekly using NO<sub>2</sub> standard
- assess wind direction sensor alignment
- **Notice:** PI will be away after July 5<sup>th</sup> until Aug 3. Contact persons are my students Siraj Khan, ph. (281) 989-4014, email [sirajkhan@neo.tamu.edu](mailto:sirajkhan@neo.tamu.edu), who is in charge of the web page, or Changhyoun Park, ph. (979) 220-5470, [jjamzang@ariel.met.tamu.edu](mailto:jjamzang@ariel.met.tamu.edu)

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

Date: 30-June-2006

**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.