

## **NTRD Program Disclaimers**

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

Contract Number: 582-5-65591-0003

Grantee: *The University of Texas at Austin*

Date Submitted: *September 18, 2006*

Report for the **Monthly** period:

Starting Date *August 1, 2006*

Ending Date *August 31, 2006*

**Section I. Accomplishments**

Summary of progress during reporting period:

Activity during the reporting period included air quality monitoring at sites along the Texas-Louisiana border (**Task 1**).

As noted in the previous progress reports, five measurement (5) sites for this project were initially deployed. During this reporting period all of these sites collected data and provided it to the TCEQ's data management system. Data from all of the sites are available online. The sites became operational on the following dates:

Wamba NTRD C645 (near Texarkana) became operational 7/22/05

Newton NTRD C639 became operational 7/25/05

Clarksville NTRD C648 became operational 7/22/05

San Augustine Airport NTRD C646 became operational 7/29/05

Smith Point, an existing site, had ozone measurements become operational on 8/10/05

During this reporting period, the Contract between TCEQ and UT Austin was amended to add a sixth monitoring station located at Mauriceville (CAMS 665), which became operational in early August. The contract amendment also authorized the installation of two (2) sets of ozone precursor monitoring equipment, in Clarksville and Mauriceville. These ozone precursor monitors were installed and became operational in August.

Data analysis (**Task 2**) involved continued interpolations of ground monitoring data for selected episodes from the summer, 2005 monitoring period. In addition, ozone flux calculations continued for days that resulted in high ozone concentrations in the Dallas-Fort Worth region.

A number of high ozone concentration events occurred during this period (especially August 17 and August 31 in Houston) and data analysis during September and October will focus on these events.

**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>None</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><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>	

**Section III. Goals and Issues for Succeeding Period:**

During the next reporting period, the project goals are:

- Continue data collection
- Continue data analysis activities, specifically focusing on modeling the sensitivity of night-time ozone concentrations to changes in night-time meteorology, and analyzing the data from August 17 and August 31.



Date 9/18 /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.