

NTRD Program Disclaimers

1. Disclaimer of Endorsement:

The posting herein of progress reports and final reports provided to TCEQ by its NTRD Grant Agreement recipients does not necessarily constitute or imply an endorsement, recommendation, or favoring by TCEQ or the State of Texas. The views and opinions expressed in said reports do not necessarily state or reflect those of TCEQ or the State of Texas, and shall not be used for advertising or product endorsement purposes.

2. Disclaimer of Liability:

The posting herein of progress reports and final reports provided to TCEQ by its NTRD Grant Agreement recipients does not constitute by TCEQ or the State of Texas the making of any warranty, express or implied, including the warranties of merchantability and fitness for a particular purpose, and such entities do not assume any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represent that its use would not infringe privately owned rights.

**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: ***November 5, 2005***

Report for the **Monthly** period:

Starting Date ***September 1, 2005***

Ending Date ***September 30, 2005***

Section I. Accomplishments

Summary of progress during reporting period:

Activity during the reporting period focused on 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 have been deployed. In the reporting period all of these sites began collecting data and providing it to the TCEQ's data management system. Data from all of the sites are now available online. The sites became operational on the following dates:

Wamba NTRD C645 (near Texarkana) became operational 7/20/05

Newton NTRD C639 became operational 7/22/05

Clarksville NTRD C648 became operational 7/26/05

San Augustine Airport NTRD C646 became operational 7/27/05

Smith Point, an existing site, had ozone measurements become operational on 8/3/05

During this reporting period the Contract between The University of Texas at Austin and the Texas Commission on Environmental Quality was amended to extend the Contract end date through May 31, 2006. At the direction of TCEQ, the number of continuous air monitoring stations to be established under this NTRD Project was reduced from six (6) stations to five (5) stations located in eastern Texas. Decreasing the number of stations required a budget revision which allowed for the cost of additional data collection and data analysis at each of the five (5) monitoring stations.

Also during this period, work began on Task 2, characterizing the magnitude of ozone transport as a function of meteorological condition. Several photochemical episodes were identified for analysis and methods for spatial interpolation of the ground monitoring data were assessed.

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>As a result of Hurricane Rita the power was shut off and the met towers were taken down at the Smith Point, Newton and Wamba Sites. We did not experience any equipment loss or damage at and of the sites.</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>As a precautionary measure, equipment was removed from the monitoring sites in mid September; preliminary assessment of damage, post-hurricane, indicates that only relatively minor damage to the sites occurred</p> <p>All Sites are now up and running with the exception of Newton which still does not have power at the site. The Newton site is expected to be up and running by the next reporting period</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>We are continuing to collect data at all sites but Newton.</p>

Section III. Goals and Issues for Succeeding Period:

During the next reporting period, the project goals are:

- Re-start Newton site when power is restored
- Continue data collection
- Continue data analysis activities

We are beginning to plan for the operation of the monitoring stations during the Summer of 2006 to allow us more months of data collection during the Summer 2006 ozone season. Should it be feasible to run the stations through the Summer of 2006, we will complete a request to TCEQ/NTRD for a budget revision and no cost extension of the project end date.

Date 10/ /05

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.*