

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 29, 2005*

Report for the **Monthly** period:

Starting Date *August 1, 2005*

Ending Date *August 31, 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

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

Task 1: Quantitatively characterize ozone entering the state by estimating the ozone flux at ground level.

Task 2: Characterize the magnitude of ozone transport as a function of meteorological condition

Task 3: Perform selected comparisons between measured and modeled ozone fluxes

Task 4: Manage Project/Prepare Reports

Section II: Problems/Solutions

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|---|---|
| <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>As this progress report was being prepared, Hurricane Rita was threatening the southeast Texas coast.</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>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</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>More details of the hurricane response will be provided in the next monthly report.</i></p> |

Section III. **Goals and Issues for Succeeding Period:**
During the next reporting period, the project goals are:

- *Re-deploy measurement equipment post-hurricane*
- *Continue data collection*
- *Begin data analysis activities*

David Allen

Date 9/29/05

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.*