

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: 582-5-70807-0016

Grantee: Valparaiso University

Date Submitted: 9/11/06

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

Starting Date 8/1/06

Ending Date 8/31/06

Section I. Accomplishments *(Please provide a bulleted list of project accomplishments as well as a description of their importance to the project.)* **Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:**

- We had 2 launches in August from Rice University in Houston, TX (August 1 and 2) (Task #2).
- We relocated from Rice University to University of Houston to better coordinate our work with Dr. Lefer and Rappenglueck, who are also launching sondes as part of TexAQS-2.
- We had 20 launches in August from the University of Houston in Houston, TX (August 4, 7, 9, 10, 11, 14, 15, 17 (am & pm), 19, 20, 21, 22, 23, 25, 28, 29, 30, 31 (am & pm)) (Revised Task #2).
- Data from our launches is available on the project web site:
www.ruf.rice.edu/~ozone (Task #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>	<ul style="list-style-type: none"> • Bad pressure sensor on 7 and 15 Aug. launches. • Ozone data dropped out on 9 Aug. launch; met data okay. • Data stream problem on 22 Aug. launch.
<p>Proposed Solution(s)</p> <p><i>(Please report any possible solution(s) to the problem(s) that were considered/encountered)</i></p>	<ul style="list-style-type: none"> • Use data on 7 and 15 Aug. at own risk. • Met data on 9 Aug. good. Unknown problem resulted in no ozone data immediately after launch. • Will examine data on 22 Aug. to see if it can be salvaged.
<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>	<ul style="list-style-type: none"> • Pre-launch procedures clarified for new launch team at U. of Houston.

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)*

We are planning daily launches at the University of Houston in Houston, Texas during September as part of TexAQS-2 as student schedules allow. We will launch at 7 am and 2 pm on days identified as high ozone production potential days. Dr. Rappenglueck will advise students on launch schedule for September. (Task #2).

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.*

_____ *Authorized Project Representative's Signature* Date: _____