

NTRD Program Disclaimers

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

Contract Number: 582-5-70807-0016

Grantee: Valparaiso University

Date Submitted: 7/11/06

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

Starting Date 6/1/06

Ending Date 6/30/06

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 1 launch in June from each of Texas A&M University in College Station, TX and Stephen F. Austin State University in Nacogdoches (June 15 and 23 respectively) (Task #4).
- We had 5 launches in May from Rice University in Houston, TX (May 1, 3, 8, and 10) (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">• Poor signal quality caused by frayed antenna cable.• Microtops column ozone instruments returning unreliable data.
<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">• Antenna cable should be replaced.• Should try re-starting instruments with new power source. Return to manufacturer may be necessary.
<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">• Receiver wire replaced, and old wire repaired to serve as spare.• New power source for microtops purchased; still testing instruments.

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 nearly daily launches from Rice University in Houston, Texas during July. (Task #2).

We are planning 2 launches from Lamar University in Beaumont, Texas during July (Task #3).

We are planning 1 launch from Texas A&M University in College Station, Texas during July (Task #4).

We are planning 1 launch from Stephen F. Austin State University in Nacogdoches during July (Task #4).

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.*

_____ Date: _____
Authorized Project Representative's Signature