

NTRD Program Disclaimers

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

Contract Number: 582-5-70807-0019

Grantee: Sonoma Technology, Inc.

Date Submitted: November 05, 2005

Report for the **Monthly** period:

Starting Date September 25, 2005 Ending Date October 29, 2005

Section I. Accomplishments *(Please provide a bulleted list of project accomplishments as well as a description of their importance to the project.)*

During the above period STI completed the following:

- Conducted weekly project meetings with STI staff.
- Continued to operate and monitor the Radar Wind Profiler (RWP), Sodar, and Surface Meteorological equipment on a daily basis.
- Continued operations of the website and display of the photos, radar wind profiler data, and surface meteorological data.
- Resolved communications and instrument issues as they arose.
- Worked with National Oceanic and Atmospheric Administration to develop solutions to improve the RWP data recovery from about 60 to 400 meters. We plan to implement the solutions in late November. This will likely require the temporary removal of RWP components.
- Worked with the Sodar manufacture to develop and remotely implement solutions to get the Sodar to produce good data. However, at this time it appears that a third trip to the platform will be needed to install noise filters on the Sodar.

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

Operations of RWP, RASS, Sodar, and surface meteorological instruments.

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><i>As mentioned in the prior monthly report, the effort to complete the installation has been much greater than originally planned due to the evacuations for Hurricane Katrina and Rita, Shell's Class 1 Division 2 requirements being more stringent the Federal requirements, and the installation of power, communications, and a shelter being more work than originally estimated by the Shell approved contractor TEST. These extra costs will need to be recovered from TCEQ.</i></p> <p><i>Electronic interference is affecting the quality of the sodar data.</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>See actions conducted</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>STI has documented the additional cost beyond the normal scope of platform operations and beyond the scope of the original contract. We have sent this documentation to Kate Williams and Doug Boyer at TCEQ. It is our understanding that Mr. Boyer is working on finding resources to cover these out-of-scope project costs.</i></p> <p><i>STI is working with the Sodar manufacture to develop and remotely implement solutions to get the Sodar to produce good data.</i></p>

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)*

In November, we hope to:

- *Resolve the electronic interference problem and begin real-time display of the sodar data on STI's website.*
- *Continue to operate the equipment.*
- *Resolve budget issues discussed in the Problems Identification Section.*

Date: *November 28, 2005*

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.*