

2nd Quarterly Report Public Page

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Contract Number: **DTPH56-15-T-00012**

Prepared for: US DOT

Project Title: **Emissions Quantification Validation Process**

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For quarterly period ending: March 31, 2016

1. TECHNICAL STATUS

Task 1.1: *Initial Operator Survey & Data Collection*

Completed

The Operator Survey work was initiated in late November with a kick-off meeting/conference call among the NYSEARCH funders and the NYSEARCH and PHMSA project managers. In this quarter, a draft survey was designed and submitted to the NYSEARCH users and funders. Following a period of review and comment, the finalized survey was completed.

Task 1.2-A: *Data Analysis from Surveys and Other Literature – Part 1*

Completed

Data collection and initial analysis from the surveys have been completed.

Task 1.2-B: *Data Analysis from Surveys and Other Literature- Part 2*

In Progress

The observations from the survey responses are available to funders and an initial discussion has been held. There is more review and discussion likely within the user groups in each or at least several of the funding companies that can lead to input for the validation protocols that are being planned in this project and also discussed as part of upcoming tasks.

In the parallel project that NYSEARCH started before the PHMSA solicitation and is funding on its own, where we are evaluating the (3) selected technologies through controlled testing and field testing, the second round of controlled tests was completed in the February – March 2016 timeframe. We are waiting to review the draft reports from these tests that have been tallied by each of (3) technology service providers along with gaining the input of the independent statistician on the results.

The outcome of these controlled tests will be reviewed by that project funding group in the May timeframe. It is possible that the data gathered from the controlled tests and the subsequent planned live field tests will be used in the construction and development of the emissions quantification validation process for this project.

Task 1.3-A: *Meeting with Operators to discuss optional validation approaches*

Initiated

This task is targeted for the 3rd quarter and will be based on availability of personnel at various gas companies who are funding this effort.

Task 1.3-B: *Followup Communications with Advisers/Operators/Managers on Surveys and Operational Procedures*

In Progress

Communications are a focus to explain the purpose of this project and the importance of talking through and considering work practices that will be impacted even before we've fully proven or development has been completed on the most promising technologies. This task will also cover follow-up discussions when draft operational procedures are formulated.

Task 1.4-A: *Presentation of Survey Findings- Part 1*

In Progress

The survey findings have been released to the funders and are being discussed. A conference call that was held to discuss the parallel effort on technology evaluation also resulted in time spent discussing

the survey and how to get more information beyond the survey regarding potential operator work practices to validate technologies.

Task 1.4-B: <i>Finalization of Survey Findings – Part 2</i>	<i>Not Initiated</i>
Task 2.1: <i>Development of Work Statement/RFP for Independent Consultant</i>	<i>Not Initiated</i>
Task 2.2-A: <i>Identify Independent Consultant</i>	<i>Not Initiated</i>
Task 2.3-A: <i>Develop Draft Specifications for Optional Validation Procedures</i>	<i>Not Initiated</i>
Task 5.1-B: <i>2nd Quarterly Report</i>	<i>Completed</i>

With this report, this task is completed.