

# Quarterly Report – Public Page

Date of Report: *October 1, 2014*

Contract Number: *DTPH5614H00007*

Prepared for: *Pipeline and Hazardous Materials Safety Administration*

Project Title: *Improving Leak Detection System Design, Redundancy, and Accuracy*

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For quarterly period ending: *September 30, 2014*

Leak detection is a complex engineering problem. Different pipelines have different requirements. There is no “one size fits all” leak detection system (LDS) solution and currently there are no universally accepted design standards. This project objective is to develop recommendations, expert guidance and draft procedures to standardize designing LDS for all pipelines, including smaller ones, without costly front-end engineering.

Project Status:

## 1) Technical Committee Meeting

A face-to-face working session was held in Houston on September 10, 2014. Dr. David Shaw led a review of the Phase II Draft Report (Parts 1 and 2) followed by a discussion on Phase III (Technology Selection).

## 2) Teleconferences

The Technical Committee participated in two teleconference calls to discuss project status. These are held systematically on the second Thursday of each month.

## 3) Report Development

Updates to the Phase II Report, following the September 10 Technical Committee meeting, were completed. The Phase III Report “Methodology for Technology Selection and Engineering” is being researched and written.

Plans for Future Activity:

Fourth quarter activities will consist of completing Part 1 of Phase III Report and the third Quarterly Report.