

4th Quarterly Report

Date of Report: *January 12, 2015*

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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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) Summary of Initial Findings

Fourth quarter activities included reviewing the Phase II Report, preparing Part 1 of the Phase III Report and this Quarterly Status Report.

2) Teleconferences

The Technical Committee participated in monthly teleconference calls to discuss project status.

3) Report Development

Part 1 of the Phase III Report “Technology Selection and Engineering” is being researched and written. This part covers improving the reliability and accuracy of LDS.

4) Plans for Future Activity

Fifth quarter activities will consist of completing the Phase III Report and the 5th Quarterly Report.