

4th Public Page Quarterly Report

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Contract Number: DTPH5615T00009

Prepared for: Pipeline and Hazardous Materials Safety Administration

Project Title: Development of Comprehensive Pressure Test Design Guidelines

Prepared by: Kiefner and Associates, Inc.

Contact Information: Cara Macrory-Dalton – Principal Investigator

Telephone (425) 892 2628; Email CMacrory-Dalton@kiefner.com

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Objective

The objective of this project is to develop comprehensive guidelines for the design of pressure tests that could be incorporated into industry standards. A goal of this project is to provide guidance on how to plan for, execute and evaluate pressure tests based on the most current knowledge and industry needs. The work will draw heavily on what has been learned by pipeline operators and pressure-testing contractors who have performed pressure tests on thousands of miles of pipelines. As well, the work will take into account the significant amount of research on pressure testing that has been carried out from the 1960s through the present by government, private and public organizations.

Results and Conclusions

Efforts related to the development of guidelines for pressure test planning (Task 4) and pressure test execution (Task 5) continued this fourth quarter. An interim report providing guidelines for pressure test planning is scheduled to be submitted to PHMSA by October 31, 2016 (Task 4). Also, an interim report providing guidelines for pressure test execution is scheduled to be submitted to PHMSA by November 30, 2016 (Task 5).

Plans for Future Activity

Work will continue on Tasks 4 and 5 in the next quarter (5th Quarter). Tasks 4 and 5 are scheduled to be completed in the 5th Quarter. Work will initiate for the development of guidelines related to pressure test evaluation (Task 6) in the 5th Quarter. Task 6 is scheduled to be completed in the 6th Quarter.