

CAAP Quarterly Report

Date of Report: April 8, 2016

Contract Number: DTPH56-15-H-CAP05

Prepared for: U.S. Department of Transportation

Project Title: Application of Amorphous Metals for Plastic Pipeline Detection

Prepared by: University of North Dakota Energy & Environmental Research Center (EERC)

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For Quarterly Period Ending: March 31, 2016

Business and Activity Section

(a) Generated Commitments

- The cost-share agreement with the industrial sponsor, Metglas, was finalized this quarter.

(b) Status Update of Past Quarter Activities

- Hired the student researcher according to the project schedule. The student, Daniel Sprengelmeyer, is pursuing an undergraduate degree in Petroleum Engineering at the University of North Dakota.

(c) Description of any Problems/Challenges

None to report.

(d) Planned Activities for the Next Quarter

- Kick off the student-led activities, including tag-sensing experiments and product engineering evaluation.
- Receive a wider array of candidate tag materials from the industrial sponsor, and identify the desired characteristics needed in a custom tag material.