

Grant Round Application for G-034-05

DIRECTOR'S COMMENTS G—034-05

Waterline Crossing Wrap Pilot Project

Submitted by: BOE Midstream, LLC
Principal Investigator: Scott Besmer (KLJ)
Request for \$36,242
Total Project Costs \$72,484
Duration: 12 months

Description of the Project: Evaluate the effectiveness of protecting water supply lines from potential crude oil contamination where the pipelines overlap by wrapping the water supply pipelines with VISCOTAZ PVC Outer Wrap as an alternative to casing water supply pipelines with polyvinyl chloride (PVC) pipe or casing crude pipeline in steel.

Participants: BOE Midstream, KLJ, Energy & Environmental Research Center of the University of North Dakota, and VISCOTAQ

Technical Reviewers' Comments

Reviewer G-34-05A

Project has goal of developing an alternative protective barrier for water pipelines that can be used where crude oil pipelines cross them. The goal is to produce another approved method that is more economical and less invasive to the water pipeline users while protecting them from potential hydrocarbon contamination at the targeted pipeline crossings.

Recommendation: Funding to be considered

Reviewer G-34-05B

The project has the potential to reduce supply water spills caused by exposure to hydrocarbons. This is a pro-active response to spills. If successful, it could benefit the public water supply entities by minimizing disruptions in water supply (during installation and/or preventing failures). It would also present documentation in support of the project and provide industry with a feasible alternative for supply water PVC pipeline protection.

Recommendation: Fund

Director's Recommendations:

To fund in the amount of \$36,242