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Abstract Title: A New Quality Assurance Process for CIPP Installations

Abstract Theme: Trenchless Project Planning, Design, Construction, and QA/QC

Abstract:

Cured in place pipe has become ubiquitous as a rehabilitation process for underground infrastructure. The primary metric for determining whether a CIPP installation has been properly cured is the liners short term flexural modulus.

Other industry research has shown that even with a rigorous QA process, it can sometimes be difficult to ensure that the short term modulus always complies with the design modulus minimum for each installation.

This paper describes the QA/QC process used by Toronto Water to reduce the risk that non-conforming CIPP liners are installed in their sewer rehabilitation program.