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**Abstract Title:** Benefits of Understanding the Deterioration of Asbestos Cement (AC) Pressure and Gravity Pipe

**Abstract Theme:** ,Advances in Buried Infrastructure Asset Management

**Abstract:**

Benefits of Understanding the Deterioration of Asbestos Cement (AC) Pressure and Gravity Pipe and Formulation of Trenchless Rehabilitation Programs

Many municipalities have extensive inventories of both watermains and gravity sewer pipe consisting of asbestos cement material. As time passes, asbestos cement pipe material is known to deteriorate at varying rates depending primarily on the surrounding soil and water table in which the pipe is located. This presentation will focus on the findings and conclusions drawn from multi-year AC pipe testing for underground pipes and demonstrate how the data collected can be used as a predictive tool to identify pipe inventory that could be replaced prior to failure.

This presentation references the work done by the National Research Council and studies conducted by the New Zealand Water and Wastes Association. It will also include a review of potential trenchless rehabilitation methods to address deteriorating gravity and pressure AC pipe.